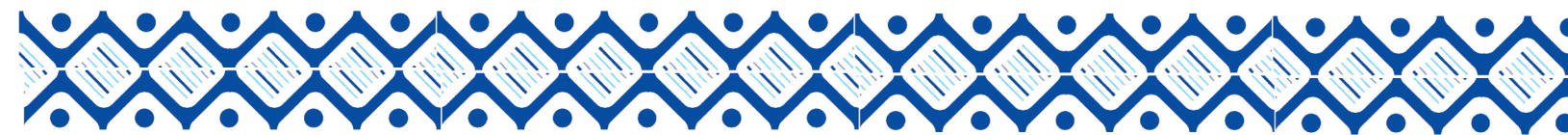




Pacific and European Key Stakeholders at PACE-Net EU-Pacific Bi-Regional Dialogue Platforms



Pace-Net Scientific Officer: Armand Beuf European Commission (armand.beuf@ec.europa.eu)

Pace-Net Project coordinator: Claude Payri IRD (claude.payri@ird.fr)

This Booklet has been compiled by APRE (Agency for the Promotion of the European Research)
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This booklet contains profiles of researchers/stakeholders who have made available a sufficient information through the filling in of the registration forms of the Pace-Net Bi- Regional Dialogue Platforms.



Introduction

PACE-NET is a three-year INCO-NET Coordination Action, supported by the European Commission (DG RTD-INCO), whose main goal is to strengthen bi-regional sustainable dialogue on Science and Technology between Europe and the Pacific.

Thus, over the past three years, the PACE-NET consortium has been actively involved in linking up Pacific and European researchers and key stakeholders – this was done through the organisation of bi-regional conferences where those were invited to discuss possible areas of common interest. The first bi-regional platform that was organised in Brisbane, Australia in July 2011, focussed on the ‘Efficiency of instruments to foster bi-regional cooperation’, whereas the second platform in Brussels, Belgium (March 2012) focussed on a high-level dialogue on “Strengthening Pacific-European Collaboration in Research, Development and Innovation”. Finally the the third key stakeholder conference will be convened in Suva, Fiji (March 2013) and will allow the Dissemination of Project results and networking towards implementation and future actions. The project also conducted an extensive survey to map the thematic priorities of the Pacific which eventually fed into the above-mentioned events. Those thematic areas include: Biodiversity/Ecosystem Management, Health, and then Water, Agriculture/Forestry, Fisheries/Aquaculture, Natural Hazards in relation with Climate change as well as Mid-term Research, Development and Innovation Policies.

We owe the success of the discussions held in each of the three conferences to the carefully selected researchers and key stakeholders from accross the Pacific and Europe who took part in the project and PACE-NET is proud to present them in this publication. It is intended to ensure the visibility of those key stakeholders with a strong research background in various thematic areas. We hope that this publication will prove to be useful in the coming years as an instrument to consolidate partnerships with researchers from the Pacific .

PACE-NET

Pacific Europe NETWORK for Science and Technology

academia industry government civil society

nasa image

PACE-Net

Pacific Europe NETWORK for Science and Technology

What is PACE-Net?

PACE-Net is a network, which will establish a bi-regional dialogue on science and technology (S&T) research for development between the Pacific region and Europe.

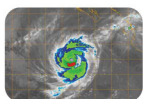
Why this Project

- PACE-Net will set up dialogue for bringing together the relevant S&T experts and stakeholders to establish priority areas for SICA and Cooperation programme of FP7.
- PACE-Net will seek to increase the cooperation between the research organizations and universities in the Overseas Countries and Territories and other countries in the Pacific.

What do we do?

- Outcomes will be transmitted to Key Stakeholders of the Pacific
- Critical and analytical work on S&T cooperation in the region
- Platform to promote cooperation in S&T at regional level

The potential of research in the Pacific Region



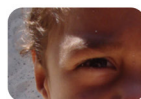
Vulnerable to global changes



Food security/ Water scarcity



Emergent diseases



Social challenges (poverty, health, politic instability)



Population less than 10 millions



Huge Maritime region (27,5km² EEZ)



High cultural diversity



Biodiversity resources & landscapes

Consortium



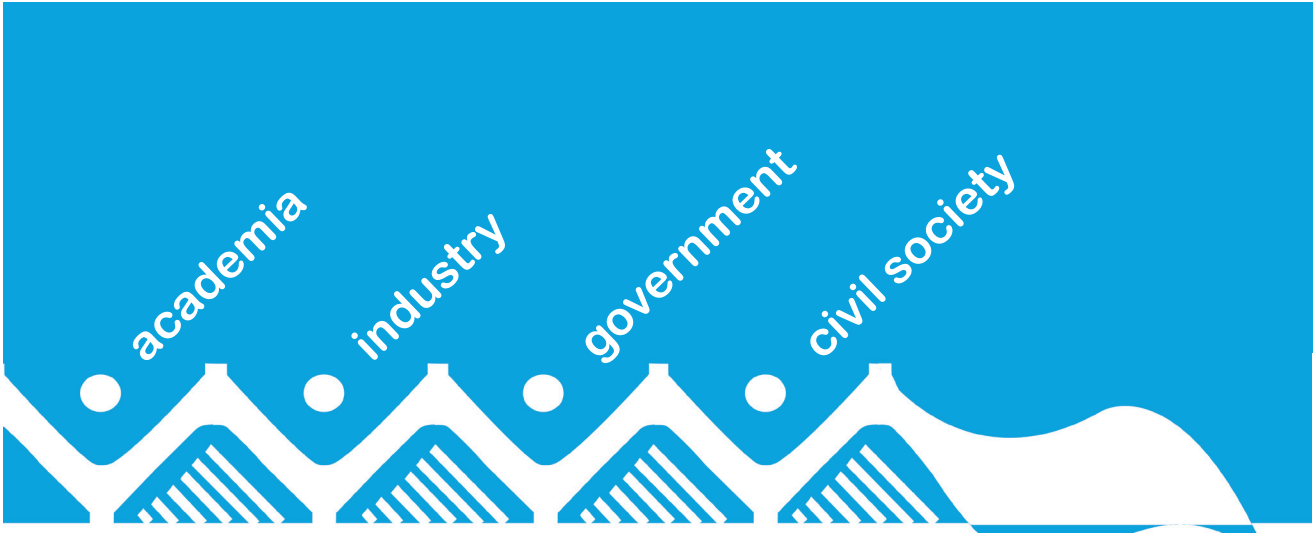
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PACE-Net is funded by European Commission in the "Capacities" Programme. GA FP7 244514



knowledge network priority setting
multidisciplinary europe pacific civil society
research policy industry visibility



JOIN UP WITH PACE-NET KEY STAKEHOLDER PANEL



What is PACE-Net-

PACE-Net is a network which will establish a bi-regional dialogue on science and technology (S&T) research for development between the Pacific region and Europe.

What is the role for key stakeholders-

One of the objectives of the PACE-Net project is to set up a Key Stakeholders Panel (KSP) which will act as the PACE-Net think tank. This KSP will be made up of external experts coming from academia, industry, government, civil society and other relevant organisations with particular interest in EU-Pacific relations. Key stakeholders will be invited to discuss the scientific needs and priorities of the Pacific region. Furthermore, they will be invited to discuss and debate the strategic research policies and through PACE-Net will be granted access to strategic information on research funding opportunities.

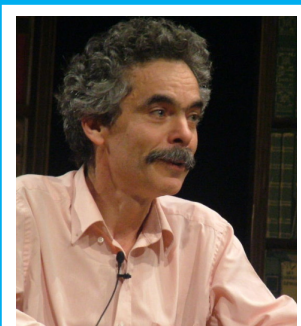
Why should you join our Key Stakeholder Panel-

Joining the Key Stakeholders Panel is important to:

1. Enlarge your network by participating in Bi-regional Dialogue Platforms and Thematic Workshops;
2. Increase your knowledge of Pacific S&T landscape and your own field of expertise;
3. Reinforce your visibility and profile at EU-Pacific level meetings; and
4. Increase opportunities to receive research funding;
5. Define S&T priority themes and development goals in the context of EU-Pacific cooperation.

In order to download the application form you can go to:
www.pacenet.eu





Dr. Jean Albergel
Coordinator of European affairs, IRD
Marseille, France

Professional profile

From 1979 to 1980 : research and consulting works for the program "Anomaly of the Niger Flood". From 1981 to 1986, Burkina Faso Program on the runoff and the infiltration processes in the Sahelian region. He identified clearly the part of surface sealing characteristics in infiltration process. From 1987 to 1995, Senegal. He took part in the Gambia River Study and in OMVS (Senegal Valley Authority) dams monitoring program. He led a study for developing bottomlands in the Sahel (E.U. project CCE DG XII). From 1996 to 2001, Tunisia. He coordinated an European INCO research program on hill reservoirs and watershed management in Mediterranean countries. From 2001 to 2003, he is a research team manager in: Analysis and modeling Runoff and Erosion in cultivated catchments. From January 2003 to October 2006, he works at the IRD headquarters as the Deputy Director for -water and soil- programs. In October 2006 he is appointed as IRD representative for East Africa on the International campus of Gigiri. Since 2011 he chairs the European Sub-Group on Science in the framework of the AU-EU 8th Partnership in Science, Information Society and Space. Academic references 1987; Doctorat (Phd) in natural science, specialty hydrology, University of PARIS 6. 1978 ; Master of Sciences (Hydrology) graduate at PARIS 6 1977 - School of Engineers -Mineral Resources and Materials; Orleans Awards Knight in the order of Academic Palms (France).

Position

Senior Scientist Coordinator of European Affairs.

Research, innovation, capacity development, and other collaboration interests

Research and Management of Research program Teaching and training Since the beginning of his career, he has conducted training in hydrology in universities and in engineering schools. Presently, he gives courses and co-manages a Master Degree at the Créteil University, at the Montpellier University and at the Montpellier Agronomic School. He has trained 13 Phd students and several Masters of Science.

Relevant publications

Albergel J. (2012) Reservoirs, Multipurpose Use of Small Reservoirs. Flood-flow harvesting and small reservoirs. Encyclopedia of Lakes and Reservoirs in Encyclopedia of Earth Sciences Series Bengtsson, Lars; Herschy, Reginald W.; Fairbridge, R.W. (Eds.) 2012.

Contact

Dr Jean Albergel IRD Le Sextant - 44, bd de Dunkerque - CS 90009 13572 Marseille 02 Tél. + 33 (0) 4 91 99 94 95 Mob. + 33 (0) 6 33 10 71 41 Fax + 33 (0) 4 91 99 92 12 Courriel: Jean.Albergel@ird.fr



Stefano Amalfitano
Water Research Institute – Italian National Research Council
Italy

Professional profile

I am involved in European Union projects with the aim to further improve knowledge of the microbial compartment functioning in the Mediterranean area. In the on-going project MIRAGE (Mediterranean Intermittent River ManAGEment – FP7), my activity is focused on assessing how flood and drought events affect the riverine water quality by altering microbial activity and community structure. In the project SESAME (Southern European Seas: Assessing and Modelling Ecosystem changes – FP6), my activity is focused on assessing the contribution of planktonic bacteria in the CO₂ air-sea exchange process in the Levantine Basin of the eastern Mediterranean. Other EU projects in which I have participated are AQUASTRESS (2005-2009 – FP6) - Mitigation of Water Stress through new Approaches to Integrating Management, Technical, Economic and Institutional Instruments, TEMPQSIM (2003-2006 – FP5) - Evaluation and improvement of water quality models for application to temporary waters in Southern European catchments.

During my working experience at Water Research Institute – CNR (Italy) as Researcher in Aquatic Ecology, I have been studying several aspects of aquatic ecosystems under different natural and anthropogenic pressures. Specifically, I have been carrying out researches on the microbial communities in marine and freshwater systems, in both benthic and water column compartments. Climate change represented the main common background of my team's studies, by considering the crucial role of microbes in the mineralization processes of the organic matter and, thus, in the global carbon cycle.

Research, innovation, capacity development, and other collaboration interests

Ecology of the aquatic systems;
Biology of temporary waters;
Effects of climate change on aquatic communities;
Role of aquatic microbes in biogeochemical cycles;
Microbial population dynamics in sediments and waters.

Contact

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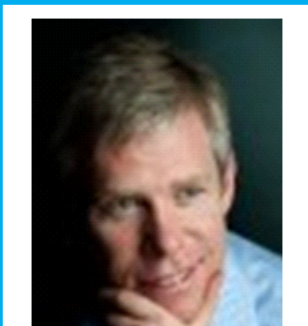
Olivier Auguin
SPC (Secretariat of the Pacific Community),
Nouméa, New Caledonia

Professional profile

Specialized in the organisation in clusters. Tertiary degree in business and public sector development of territories and Master`s in Business Management and Trade.

Contact

SPC (Secretariat of the Pacific Community), 98800
Nouméa, New Caledonia. Phone: 00 687 26 01
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Paul Ash
New Zealand Mission to the European Union,
New Zealand

Professional profile

Paul Ash is Deputy Head of the New Zealand Mission to the European Union and Embassy to Belgium, Luxembourg, Romania and Bulgaria, where he has worked since January 2008. Paul was previously Deputy Director of the International Security and Disarmament Division at the Ministry of Foreign Affairs and Trade (MFAT) in Wellington. Paul's long association with the Pacific region includes two years as Deputy Special Coordinator of the Regional Assistance Mission to Solomon Islands, a multi-national, post-conflict deployment aimed at stabilising and rebuilding institutions in Solomon Islands, as well as three years working in the Pacific Division of MFAT, with a focus on fisheries, trade and regional institutions. A fluent Chinese speaker, Paul has served in the New Zealand Embassy, Beijing, and as Deputy Director of the New Zealand Commerce and Industry Office in Taipei. When not at work, Paul spends his time raising a very active family, discovering Belgium by bicycle, and coaching youth rugby.

Contact

New Zealand Mission to the European Union,
paul.ash@mfat.govt.nz



Sheikh Azid
PACE-Net Officer
The University of the South Pacific
Suva, Fiji

Professional profile

Received Masters of Science- Engineering in the area of ICT (Communication, Networking and Security) in 2010 and BE-Tech in Electrical and Electronics Engineering from the University of the South Pacific. Currently perusing PhD in the area Controls and Pattern Recognitions.

Position

Teaching Assistant and PACE Net Project Officer.

Research, innovation, capacity development, and other collaboration interests

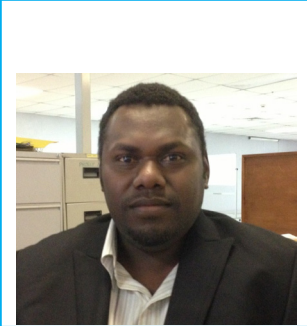
Currently he is Assistant Lecturer in School of Engineering and Physics at the Faculty of Science Technology and Environment. Research interests include mobile and wireless communication, embedded microprocessor applications, intelligent system and pattern recognitions.

Relevant publications

Azid, I.S. Jokhan, A. and Mara, K., Mapping of Organisations and Partners involved in Science and Technology Research Activities in the South Pacific Island region, their Mandates, Science Focal Areas and Research Projects, Pacific Europe Network for Science and Technology, Seventh Framework Network, European Commission, page 1-319. 2. Azid, I.S. and Jokhan, A., Mapping of Organizations Involved In Energy Research Activities in the Pacific Isl.

Contact

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Lonnie Baki
Policy, Monitoring and Evaluation,
PNG Office of Higher Education Port Moresby,
Papua, New Guinea

Position

Acting Assistant Director-Policy, Monitoring & Evaluation Branch. Responsibilities; I am head of the Policy, Monitoring and Evaluation Branch. I am responsible for overall coordination of branch activities and implementation. I am also responsible for producing Quarterly and Annual Reports for the Office of Higher Education.

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Dr. Valérie Ballu
IPGP / CNRS
Paris, France

Professional profile

Graduated from Institut de Physique du Globe de Paris in 1996 Post-doctorate at Scripps Institution of Oceanography Researcher at IPGP since 1998. 2008/2010: spent 2 ½ years in Vanuatu to develop a land and marine geodesy program.

Research, innovation, capacity development, and other collaboration interests

My main research interest for the past years has been the development of seafloor geodesy methods to extend on-land geodesy networks and bring new insights on geodynamical processes. I am specially interested in vertical deformation on land, monitored by GPS, or off-shore, monitored using pressure and altimetry data. Recently, I have work on sea-level changes and the relative role of land motion versus water level changes.

Relevant publications

Ballu V. M.-N. Bouin, P. Simeoni et al. Comparing the role of absolute sea-level rise and vertical tectonic motions in coastal flooding, Torres Islands (Vanuatu). Proceedings National Academy of Sciences doi:10.1073/pnas.1102842108, 2011.
Ballu V., M. N. Bouin, S. Calmant et al. Absolute seafloor vertical positioning using combined pressure gauge and kinematic GPS data. Journal of Geodesy doi: 10.1007/s00190-009-0345-y, 2009.

Contact

PGP / CNRS, 75013 PARIS, FRANCE. Phone: 33 1 57 27 84 87, email: ballu@ipgp.fr



Dr. Sergie Bang
Deputy Director General
PNG National Agricultural Research Institute (NARI)
Lae, Papua, New Guinea

Professional profile

PhD in Horticultural Science, University of Western Australia (1994) Production Agronomist on PNG Staple food crops and Vegetables -Top Graduating Student with Agricultural Science Degree 1984 UPNG -Top Honors Thesis 1987 UPNG (post graduate) - Part of Team that developed a complete fertilizer for Potato production in PNG Highlands in 1996 -NARI Team leader that developed On-Farm Drought Coping Strategies for PNG (2003).

Position

Deputy Director General NARI, PNG - Executive Management - Directing, coordinating, and contribution to the strategic and corporate planning of NARI - coordinating the development and implementation of functional Programmes and Plans for NARI.

Research, innovation, capacity development, and other collaboration interests

Development of sweet potato varieties tolerant to excess and deficit moisture (drought) conditions. Management of damage by weevils (*Cylas formicarius*) to tubers of sweet potato under drought conditions.

Relevant publications

PACE-Net Policy on Agriculture, Forestry and Climate Change in the Pacific (2012)
National Impact Assessment and Mitigation Measures of the 1997 Drought in Papua New Guinea (2003)
Indigenous Drought Coping Strategies and Risk Management in Papua New Guinea during Drought of 1997(2003)
Drought Response; On-Farm Coping Strategies (2002)
Early Maturing Sweet potato for post - Climate Disaster (2008).

Contact

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Dr. Simon Batterbury
Associate Professor University of Melbourne
Melbourne, Australia

Professional profile

Dr Simon Batterbury is a geographer specialising in resource management and political ecology in Africa (Burkina, Niger) and Asia-Pacific (Timor-Leste, Nouvelle-Calédonie). He has a PhD from Clark University USA on rural land management and development in Burkina Faso, and is currently working on mining impacts in Nouvelle-Calédonie. He is Associate Professor at the University of Melbourne, and before that the University of Arizona, Oxford, the London School of Economics, and Brunel University. Author of 60 articles, and editor of the Journal of Political Ecology. Dr Simon Batterbury est géographe et spécialiste de la gestion des ressources naturelles et des politiques environnementales en Afrique (Burkina, Niger) et dans la zone Asie-Pacifique (Timor-Leste, Nouvelle-Calédonie). Né en Angleterre, docteur de la Clark University (Etats-Unis, 1997) sur le thème du développement rural au Burkina Faso, il est aujourd'hui Associate Professor à l'Université de Melbourne depuis 2004 (et a Université de Oxford en 2007/8). Entre-temps, il a travaillé à l'Université de Brunel à Londres, à la London School of Economics, et à l'Université d'Arizona (Etats-Unis). Auteur d'une soixantaine d'articles et de 6 «collections», il est editeur du Journal of Political Ecology.

Position

Associate Professor, Environmental Studies/ Geography, University of Melbourne

Relevant publications

Kowasch M and B.2013. Alternative strategies for participation of indigenous communities in mining industries. Draft Reynolds J., et al. 2007. Global desertification: building a science for dryland development. Science. 316:847-851. B. & J Fernando. 2006. Rescaling governance and the impacts of political and environmental decentralization. World Devt 34 : 1851-1863.

Contact

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simonpjb@unimelb.edu.au



Dr. Michael Batty
Fisheries, Aquaculture and Marine Ecosystems Division Secretariat of the Pacific
Noumea, New Caledonia

Professional profile

Honours Degree in Ecological Science (Edinburgh) with postgraduate degrees in Fisheries Management and Aquaculture. 25 years experience of fisheries management and development in the Red Sea, South Atlantic and mainly the Pacific Islands. Extensive experience of project management and project design.

Research, innovation, capacity development, and other collaboration interests

My main interest is in developing the capacity of Pacific Island countries and territories to research, monitor and manage their fisheries resources.

Relevant publications

2011 Bell, Reid, Batty, Allison, Lehodey, Rodwell, Pickering, Gillett, Johnson, Hobday & Demmke “Implications of climate change for contributions by fisheries and aquaculture to Pacific Island economies and communities” in Vulnerability of Tropical Pacific Fisheries and Aquaculture to Climate Change (eds. Bell, Johnson and Hobday), SPC.

Contact

Fisheries, Aquaculture and Marine Ecosystems Division Secretariat of the Pacific Community B.P. D5 - 98848 Noumea New Caledonia Telephone ++ 687 26 01 24 mikeb@spc.int www.spc.int/fame.



Michaela Bauer
Australian Embassy & Mission to the EU, Department of Innovation, Industry, Science, Research and
Tertiary Education
Brussels, Belgium

Professional profile

Michaela Bauer works for the Europe Office of the Australian Government's Department of Innovation, Industry, Science, Research and Tertiary Education based at the Australian Embassy and Mission to the European Union in Brussels. Michaela is responsible for promoting Australia's engagement with the EU and key partner countries in Europe in science, research and innovation. Her role is to identify opportunities for cooperation and policy dialogue and to create linkages between stakeholders in Australia and Europe.

Contact

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Research and Tertiary Education, 1040 Brussels,
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Dr. Johann Bell
Principal Fisheries Scientist
Secretariat of the Pacific Community
Noumea New Caledonia

Professional profile

Johann has an MSc and PhD from Macquarie University, Australia, and has spent much of the past 20 years leading projects on the development of sustainable methods for coastal aquaculture and restoration and management of coastal fisheries in the Pacific Island countries and territories (PICTs), and Asia. Much of this work was done as a Senior/Principal Scientist at the WorldFish Center in Solomon Islands, Malaysia and New Caledonia from 1993 to 2007. Since leaving WorldFish, Johann has worked for the Secretariat of the Pacific Community in New Caledonia, where he is currently the Principal Fisheries Scientist (Climate Change) in the Fisheries, Aquaculture and Marine Ecosystems Division. Johann was involved in strategically planning the use of fish for food security throughout much of 2007. Since 2008, he has been coordinating a comprehensive assessment of the vulnerability of tropical Pacific fisheries and aquaculture to climate change. This assessment covered 22 PICTs and involved contributions from 88 scientists and managers from 36 institutions. The assessment has recently been published as a peer-reviewed book (freely available as an e-book <http://www.spc.int/climate-change/fisheries/assessment/>).

Position

Principal fisheries Scientist, Fisheries, Aquaculture and Marine Ecosystems Division. Responsible for advising Pacific Island countries about the vulnerability of their fisheries and aquaculture sectors to climate change.

Research, innovation, capacity development, and other collaboration interests

Importance of coastal fish habitats as fish nursery and feeding areas, coastal aquaculture, restocking and stock enhancement of invertebrate fisheries, use of fish for food security, vulnerability of fisheries and aquaculture to climate change, marine spatial planning. Johann has recently been appointed to the Advisory Committee for the United Nations University's Institute for Health, Environment and Water.

Relevant publications

Bell JD et al (2009) Planning the use of fish for food security in the Pacific. *Mar Pol* 33, 64-76. Bell JD, Johnson JE and Hobday AJ (2011) Vulnerability of Tropical Pacific Fisheries and Aquaculture to Climate Change. Secretariat of the Pacific Community, Noumea, 925 pp. Bell JD et al (2013) Mixed responses of tropical Pacific fisheries and aquaculture to climate change. *Nature Climate Change* (in press).

Contact

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Armand Beuf
Scientific Officer of PACE-Net Project, European Commission
Brussels, Belgium

Professional profile

Mr Armand Beuf joined the European Commission in 1991. In this position, he was involved as Scientific Secretary to Evaluation Panels in the ex post evaluation of two specific research programmes: the European programme for measurements and testing (BCR) and the Fisheries and Aquaculture programme (FAR).

From 1994 to 1997, he worked with DG Industry as Training Coordinator and support quality Officer for the Information and Communication Technologies programme (ESPRIT).

In 1998, he joined DG Research as Principal Scientific Officer and as from 2006; he works with the Directorate for international cooperation.

He is presently Policy and Project officer responsible for Pacific countries (Australia, New Zealand, Overseas and Countries Territories, ACP Pacific). In this position, he has been supporting EU Pacific bi-lateral dialogue with Australia, New Zealand and bi-regional dialogue in research, development and innovation.

He has gained experience with EU projects in Western Balkans countries (capacity building programmes), Mediterranean (environment), Central Asia (integrated water resources management), China (health), India (health, water resources management), Africa (health) and America Latina (health) using a large range of research instruments under FP6 and FP7 programmes.

Prior to the European Commission, he worked with the National Institute for Agricultural Research (INRA) as Scientific Secretary to the Committee for Genetics Engineering, and provided UNESCO with consultancy services.

He started his career as Personnel Manager in a Health Care Center and then as a training manager

in a Department of Social and Sanitary Affairs.

He studied biology and engineering sciences at Paul Sabatier University (Toulouse) and ENGREF (Paris), law and public finance (University of Paris Orsay), European law at University of Paris I Pantheon Sorbonne, information and communication sciences and anthropology at Sorbonne University. He was trained in agricultural cooperatives (meat, milk, vegetables), in public administration (department of agriculture), in industrial plants (chemicals) and in international organisations (Food and Agriculture Organisation; Division of food and nutrition policies).

Position

Senior Policy and Project Officer

Contact

European Commission DG Research and Innovation SDME 8 B1049 Brussels, Belgium
Armand.Beuf@ec.europa.eu



Dr. Hervé Bossin
Research Scientist & Laboratory Head, Institut Louis Malardé (ILM)
Tahiti, French Polynesia

Professional profile

A laboratory dedicated to operational research:

Our activities are centered around three main research topics designed to address Public Health concerns in PICs such as insect-borne infectious diseases :

- Study of the bio-ecology of mosquitoes and other bloodsucking arthropods.
- Risk assessment of vector-borne transmission, and other entomological nuisance
- Development and field evaluation of novel strategies for effective and sustainable control of mosquito-borne diseases.

Primarily targeting the elimination of lymphatic filariasis, dengue and chikungunya from PICs, the ecological control strategies we are developing and testing in the field will also benefit the local tourism and hotel industry by reducing the biting nuisance.

In addition we are developing new scientific project proposals to further meet the needs of PICs in terms of insect-borne diseases and nuisance prevention, we are looking for funding opportunities to conduct these important projects:

PACVEC: a regional evaluation of Pacific mosquito vector populations and their competence for emerging and re-emerging diseases and the establishment of a Pacific Entomological Surveillance Network (PESN) to complement the existing South Pacific Commission "Pacific Public Health Surveillance Network » (SPC-PPHSN).

RÉSIDÈS: Determination and characterization of insecticide resistance in Aedes mosquito populations of French Polynesia and New Caledonia.

LFSCAPE : Spatial analysis and modeling of the

distribution of Aedes mosquitoes and lymphatic filariasis *Wuchereria bancrofti* parasite populations on the island of Moorea.

CULIKAU : Evaluating the level of entomological nuisance on the atoll of Kaukura. Assessing the effectiveness of UV light traps for the control of the biting midge *Culicoïdes belkini*.

CLAV: French Polynesia and Institut Louis Malardé wish to intensify their efforts in mosquito-borne disease elimination with the building of a new infectious diseases and mosquito research facility. Currently in it's development phase, this facility will include a biosafety level-3 laboratory, a large field cage for contained mosquito trials and a pilot mosquito mass-production unit to conduct island-scale vector control.

Our current research funding essentially comes from local (French Polynesia public health and research grants), French and US-based sources. We also intend to develop partnerships with private stakeholders from the local tourism and hotel industries to conduct real-scale field studies of innovative vector control strategies so as to ensure adequate technology appropriation and implementation.

Contact

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Caterina Buonocore
National Contact Point, APRE (Agency for the Promotion of the European Research)
Rome, Italy

Professional profile

APRE - AGENCY FOR THE PROMOTION OF EUROPEAN RESEARCH, in collaboration with MiUR (Italian Ministry of University and Research) and European Commission (DG Research and Innovation), provides information, assistance and training on research and innovation programmes financed by the EC, in particular within the Research and Innovation (R&I) Framework Programmes. Its main target are Universities, Research centres, SMEs, Large Industries, Industrial Associations, Regional Agencies, etc.

I am currently involved in several EU funded projects whose aim is to enhance and support the growth of scientific dialogue between Europe and other extra European region like, the Caribbean and Central American Region, the Pacific region, Latin American region as a whole for Health research, Mexico, Canada, etc.

Other expertise: Tailored Assistance to Ministries, Local/Regional Authorities, Hospitals LEs, SMEs, Industrial Associations, Universities, Research Centers, etc in the creation, revision, submission of R&I projects within the Framework Programme (how to write a proposal, how to evaluate a proposal, eligibility check, Legal and Financial issues, consortium agreement, reporting etc). Training activities on the financial opportunity in the Framework Programmes (different modules: Submission of applications, Evaluation process, Negotiation, Management; Ethical issues, dissemination of research results, and communication activities.

Position

Area Coordinator for International Cooperation, Health National Contact Point and Joint Research Centre Contact Point

Contact

Caterina BUONOCORE, Area coordinator for International Cooperation, Health and Joint Research Centre Contact Point, Expert in the European Commission Health Programme Committee, telephone: 0039 06 48939993 www.apre.it. E-mail: buonocore@apre.it



Dr. Laurent Bochereau
European Commission, DG RTD,
Brussels, Belgium

Professional profile

Laurent Bochereau is responsible for the “Policy coordination” Unit within the International Cooperation Directorate of the European Commission’s Directorate General for Research and Innovation. He gained a Laureate from the Ecole Polytechnique and ENGREF in Paris, a Master’s degree from the University of California and a PhD from the University of Paris VI. After spending several years working as a research project leader at CEMAGREF, he served two years in the French Ministry for Research. He joined the European Commission in 1995 where he worked several years as assistant to the Director for Life Sciences and then as Head of Unit with responsibilities for agriculture, forestry, agro-industry and food safety research. From 2007 to 2010, he was the Head of the “Science, Technology and Education” Section at the Delegation of the European Union in Washington DC.

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Dr. Keith Brander
DTU Aqua
Charlottenlund, Denmark

Research, innovation, capacity development, and other collaboration interests

Research, innovation, capacity development and other collaboration interests:

Climate impacts on marine ecosystems and fisheries (NCEAS working group assembling global database for meta-analysis) -Application of global climate models to regional marine productivity and fisheries -Development of ecosystem-based management Metrics and indicators for marine ecosystems and climate impacts -Changes in marine biodiversity and distribution.

Relevant publications

2011 The value of attribution. *Nature Clim. Change*,1:70-71
The Pace of Shifting Climate in Marine and Terrestrial Ecosystems. *Science* 334,652
2010 Reconciling biodiversity conservation and marine capture fisheries production. *Curr Op in Env Sust*,2:416-421.
Climate change, uncertainty, and resilient fisheries: Institutional responses through integrative science. *Prog Ocean*,87:338-346.
Impacts of climate change on fisheries. *J Mar Sys*,79:389-402.

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Dr. Van-Mai Cao-Lormeau
Senior scientist in virology
Institut Louis Malardé, Papeete
Tahiti, French Polynesia

Professional profile

I started working at ILM in 2000 as a thesis student on a project dedicated to molecular interactions of dengue virus (DENV) with proteins from mosquito salivary glands. After obtaining my PhD in 2006, I was recruited at ILM as a research scientist and one year later I was offered to head the team. I've been the PI of several research projects aiming to: implement new molecular tools for arboviruses surveillance in French Polynesia; study the distribution of DENV within the Pacific; investigate the impact of regional and local contexts on DENV genetic evolution; investigate the dynamics of DENV intra-host genetic diversity; conduct arboviruses seroprevalence studies. All these projects were supported by different kinds of grants: French Ministry of Overseas Territories, Pacific Fund (French Ministry of Foreign and European affairs), Agence Nationale pour la Recherche. These projects were mainly conducted in collaboration with research institutions in the Pacific (Pasteur Institute of New Caledonia, Queensland University of Technology, University of Western Australia, IRD-New Caledonia), with the support of regional organizations (WHO, SPC) and public health laboratories in Pacific Island Countries (PICTs). Last year I've organized a workshop in Tahiti with the global aim to identify the needs in terms of public health and research regarding the risk of arboviruses emergences in PICs.

Position

I've been heading the Laboratory of medical virology at ILM from 2007 to 2012. In 2012, my lab was incorporated into the new Unit of Emerging Infectious Diseases in which I continue to lead the arboviruses research team.

Research, innovation, capacity development, and other collaboration interests

I'm interested in initiatives aiming to bridge academic research with public health (PH) interests. PH authorities in PICTs are interested in prevention/intervention tools. PH organizations have to manage diseases surveillance at regional scale. Academic research institutions are interested in filling in knowledge gaps. All of these interests need better data production and sharing. Efforts should be made in connecting research and PH networks.

Relevant publications

Aubry et al, Use of serum and blood samples on filter paper [...] J Clin Virol 2012 Cao-Lormeau et al., Recent emergence of dengue virus serotype 4[...] PLoS One 2011 Imrie et al., Homology of complete genome sequences for dengue virus [...] Ann Trop Med Parasitol 2010 Descloux et al., Dengue 1 diversity and microevolution [...] PLoS Negl Trop Dis 2009 Daudens et al., Epidemiology of dengue and control strategies in French Polynesia [...] BEH 2009

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Prof. Ioana Chan Mow
Faculty of Science
National University of Samoa
Apia, Samoa

Professional profile

Academic qualifications: PhD, 2006 (UNISA); Masters in Education (Educational Computing), University of South Australia (UNISA), 2001; Masters Educational Studies (Educational Computing), UNISA, 1999; Dip MathInfSci (Computing), Massey University, New Zealand 1998; BSc, Otago University, New Zealand, 1981; CISCO Networking Semesters 1-4 Certificate of Attainment.

Position

Associate Professor Computing & Computer Education/Project manager Pacenet plus

Research, innovation, capacity development, and other collaboration interests

Been instrumental in development of Computing curricula at all levels. publications in internationally refereed books and journals; mentoring staff, consultancies, grants, development of major proposals, management of staff and policy development; key advisor to the university in all ICT issues and developments. Research contributions in effective programming environments; collaborative learning; risk management; online learning; ICT4D.

Relevant publications

Chan Mow IT. 2012. Analysis of student programming errors in Java programming courses at the National University of Samoa Journal of Emerging Trends in Computing and Information Sciences vol3(5): 739- 749.

Contact

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Steven Crimp
CSIRO
Canberra, Australia

Professional profile

Since joining CSIRO in 2006, Steven has led a range of research projects working with farmers to enhance current management practices to cope with the challenges of climate variability and change. More recently Steven has been made team leader for a group undertaking integrative research into the management of agriculture and biodiversity in dynamic landscapes with emphasis on climate variability and change. This includes interactions with farmer groups, CMAs, conservation groups, state and federal government organisations, and development NGOs. Steven has been a contributing author and expert reviewer of the Inter-Governmental Panel on Climate Change (IPCC) Third Assessment Report on Climate Change in 2001 and continued in an expert review capacity for the IPCC fourth Assessment report released in 2007. He has provided underpinning research for the Garnaut Review regarding the likely impacts of climate change on Australian cropping and livestock productivity. Steven is currently an active member of the Australian Meteorological and Oceanographic Society (AMOS). Steven has been a member of the: - National Horticulture Research Network - Climate Change in Agriculture and Natural Resource Management Agriculture Working Group - National Climate Change Research Strategy for Primary Industries - World Meteorological Organisation (WMO) working subgroup on Agrometeorological Data Management, Commission for Agricultural Meteorology - Greenhouse Science Advisory Committee Focus Group on Climate Change Impacts and Adaptation.

Research, innovation, capacity development, and other collaboration interests

Steven's research aims to increase resilience of Australian cropping/grazing to climate variability and change through - assessment of impacts and adaptive capacity - identification of adaptation options for farms - quantitative assessment of the benefits of seasonal climate forecasts and trend information to enhance on-farm management - developing methods to generate daily climate change information for use in crop production impact models.

Relevant publications

S Park, S Crimp et al (2009) Assessing the vulnerability of rural livelihoods in the Pacific to climate change. Report to AUSAID M Howden, S Crimp et al (2008) Adapting farming to climate change in the Asia-Pacific region. Proceedings of the Int'l Fertiliser Assoc Congress M Howden, S Crimp et al (2008) Climate change and its effect on Australian livestock systems. Australian Journal of Experimental Agriculture 48.

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Email: Steven.Crimp@csiro.au

www.csiro.au/en/Organisation-Structure/Divisions/Ecosystem-Sciences/StevenCrimp.aspx



Dr. Bernard Costa
Pacific Biotech
Arue, French Polynesia

Professional profile

Expérience professionnelle: Depuis 2006, PDG créateur de la société PACIFIC BIOTECH (constitution et exploitation d'une banque de micro-organismes d'origine polynésienne à fort potentiel biotechnologique) De 2002 à 2009, Gérant créateur de la société TAHITI ARÔMES (production d'huiles essentielles et extraits végétaux destinés à la parfumerie et la cosmétique haut de gamme). 1999, Lauréat du 1^o concours de créations d'entreprises innovantes, initié par le Ministère français de l'Enseignement, de la Recherche et de la Technologie Mise au point d'un nouveau larvicide biologique destiné à la lutte antimoustiques et création de la société ECAUTEC spécialisée en fermentations biologiques et chargée d'exploiter le procédé mis au point. De 1991 à 2011, Fondateur et Directeur-Gérant du laboratoire C.A.I.R.A.P., Arue, Tahiti Centre d'Analyses Industrielles et de Recherche Appliquée pour le Pacifique Prestations de services dans le domaine du contrôle et de l'analyse industrielle De 1987 à 2002, Directeur Production et Laboratoire de la S.I.P.C.T., Société Industrielle de Parfumerie et Cosmétique de Tahiti, Arue

Research, innovation, capacity development, and other collaboration interests

Polynesian islands offer a lot of unusual environments which present a large microbial diversity. Preliminary studies performed by Pacific Biotech during 15 last past years, lead to the establishment of a private collection of micro-organisms presenting a potential of valorization as producers of innovative molecules. Scientific collaborations: IFREMER (Tahiti et Brest); IRD (Tahiti); Université de Polynésie Française (UPF)

Relevant publications

2004 Current Microbiology 49: 145-151. 2005 7th International Marine Biotechnology Conference, St Johns, Newfoundland (Canada), June 7-12. 2008 International journal of biological macromolecules. *43 *(2): 176-181. 2009 Journal of Industrial Microbiology and Biotechnology. 36 (4): 599-603.

Contact

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Phil Cowan
Science Leader, Pest Control Technologies
Landcare Research, New Zealand

Professional profile

Landcare Research is a New Zealand government owned research institute that focuses on a wide range of terrestrial environmental research, including biodiversity conservation, biosecurity and pest management, biosystematics, soils and land use, greenhouse gases and sustainable businesses and communities. Details about research projects in each of these areas can be found at www.landcareresearch.co.nz.

Core current projects in my research area are 3-5 year programs on (1) small mammal pest control; (2) strategic technologies for pest management; and (3) species-selective toxins; and (4) wildlife fertility control. Another key focus is on the role of invasive wildlife as vectors of diseases and parasites that may impact on native biodiversity or domestic livestock and human health. In the environmental area we undertake monitoring of native and introduced animals, soil and water samples for contamination with pesticides used for invasive species control.

Funding for our research comes mainly from the New Zealand Ministry of Science and Innovation. Funding also comes from a range of New Zealand Government Ministries and Departments (e.g. Ministry of Agriculture, Ministry for the Environment, Department of Conservation, Animal Health Board, Ministry for Economic Development), and all of the regional territorial authorities. In addition we do contract research and consultancies for a wide range of clients in New Zealand, the Pacific and internationally.

Research, innovation, capacity development, and other collaboration interests

Biosecurity
Invasive species management
Biodiversity conservation
Application of new technologies to pest management
Research management

Contact

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www.landcareresearch.co.nz



Dr. Tony Crook
Centre for Pacific Studies Department of Social Anthropology University of St Andrews St Andrews
Fife, United Kingdom

Professional profile

Dr Tony Crook trained at Cambridge and received his doctorate in 1997. In 1997 Dr Crook was Visiting Research Fellow at the National Research Institute of Papua New Guinea; from 1998-2002 held a British Academy Postdoctoral Fellowship at Edinburgh, and won the BA's monograph competition which resulted in his 2007 book 'Exchanging Skin'; from 1999-2002 was Research Associate on the ESRC-funded 'Property, Transactions and Creations' project. Joining the University of St Andrews, Dr Crook's research is focused on Papua New Guinea and Melanesia and concerns the analysis of indigenous knowledge-practices in their own terms, and in terms of their cross-cultural encounters with the assumptions of euro-america such as academic researchers and mineral resource extraction projects. Wider anthropological interests include genetic engineering, Freedom of Information, and climate change. Dr Crook was Chair of the European Society of Oceanists from 2008-10, organized the ESfO2010 conference 'Exchanging Knowledge in Oceania'.

Research, innovation, capacity development, and other collaboration interests

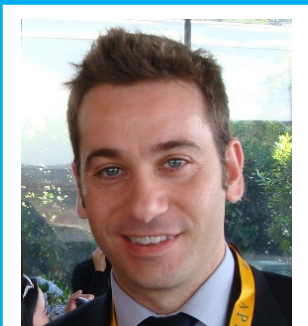
Tony Crook is Co-founder (2007) and Director of the (UK's only such) Centre for Pacific Studies, an inter-disciplinary teaching and research unit, at the University of St Andrews with strong international links in Europe and the Pacific.

Relevant publications

2007 "If you don't believe our story, at least give us half of the money": Claiming Ownership of the Ok Tedi Mine, PNG', *Journal de la Société des Océaniste*, 125. pp221-228. 2007 *Anthropological Knowledge, Secrecy and Bolivip, Papua New Guinea: Exchanging Skin*, Oxford and New York: Oxford

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Angelo D'Agostino
PEOPLE National Contact Point, APRE (Agency for the Promotion of the European Research)
Rome, Italy

Professional profile

Angelo D'Agostino has a degree in Political Sciences and a post-graduation master in International Projects Managements. He worked in Africa (Chad) for an NGO's as a coordinator for microcredit project. He is currently National Contact Point (NCP) for the PEOPLE Programme and Science in Society.

Position

PEOPLE and Science in Society National Contact Point for 7th Framework Programme

Contact

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Dr. Katherine Daniell
Research Fellow
Australian National University
Canberra, Australia

Professional profile

Following undergraduate studies in Civil Engineering and Arts at the University of Adelaide, Katherine undertook a co-tutelle PhD at AgroParisTech (France) and the ANU in collaboration with Cemagref and the CSIRO. Her current research focusses on resolving the challenges associated with implementing multi-level participatory processes to bring about coordinated policy, adaptation strategies and local action for sustainable development. In this field, she has worked in France, Australia and Bulgaria on projects related to water governance, risk management, sustainable urban development and climate change adaptation. Katherine is the author of over 50 publications, including papers, book chapters, reports and the Cambridge University Press book “Co-engineering and participatory water management: organisational challenges for water governance”, published in the UNESCO International Hydrology Series. She was also a guest editor for a special feature in the journal *Ecology and Society* on “Implementing participatory water management: recent advances in theory, practice and evaluation”, a compilation of papers that brings together policy, management and research lessons from the European Union’s AquaStress and NeWater(FP6) Integrated Projects. Katherine teaches executive development courses for the Australian National Institute for Public Policy (ANIPP) on multi-level governance and has received many awards and honours for her work including a General Sir John Monash Award and being elected as a Fellow of the Peter Cullen Water and Environment Trust.

Position

Katherine is a Research Fellow in the ANU’s Centre for Policy Innovation and coordinates Australia’s involvement in the PACE-Net EU project. She also works in the H.C. Coombs Policy Forum at the Crawford School of Public Policy on a range of Australian Public Service - ANU cooperation projects.

Research, innovation, capacity development, and other collaboration interests

Water and environmental policy, engineering and management (including climate change adaptation). Decision-aiding and conflict management: participatory process design and coordination Sustainability: multi-level governance, strategic planning, risk assessment, evaluation programs. Inter-organisational and international collaboration at the science-policy interface Leadership, capacity building, education and innovation processes

Relevant publications

Daniell, K.A. (2012) -Co-engineering and participatory water management: organisational challenges for water governance, UNESCO International Hydrology Series, Cambridge University Press, Cambridge, UK. Daniell, K.A., Máñez Costa, M.A., Ferrand, N., Kingsborough, A.B., Coad, P., Ribarova, I.S. (2011) Aiding multi-level decision-making processes for climate change mitigation and adaptation, *Regional Environmental Change*, 11(2): 243-258.

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Prof. Patrick De Deckker
Researcher and Lecturer
Australian National University
Canberra, Australia

Professional profile

I am a geologist with a PhD in Zoology and a DSc in Quaternary science. I am particularly researching past climates with the aim of being able to define how the landscape and the oceans are to behave in the future under the scenario of climate variability. I have extensively studied the oceans in the Australasian region and also have investigated records of change in lakes. My recent interest examines the geochemical and microbiological composition of airborne dust and how it affects health, the environment and the oceans. My work is multidisciplinary in nature and I collaborate with people from different fields of expertise. One of the exciting projects I have been involved with is to reconstruct sea-surface temperatures spanning the last 300 years in the western Pacific and Southern Oceans. In 2010, I was awarded the Mawson Medal by the Australian Academy of Science for excellence in the Earth Sciences. In 2005, I was awarded the Australian Society for Limnology Medal for outstanding contribution to Australian Limnology, and in 2007 was awarded the Order of Australia Medal for service to science through research and teaching in the areas of palaeoclimate studies, salination and climate change, and through the initiation and support of international scientific collaboration.

Research, innovation, capacity development, and other collaboration interests

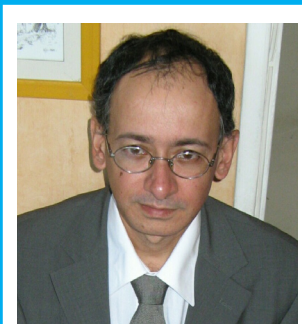
I use microfossils and their chemical composition to reconstruct past environmental conditions. I train postgraduate students in palaeoenvironmental research that also relies on an understanding of modern conditions, such as ENSO, oceanic currents and vegetation response to environmental change.

Relevant publications

Refer to my list of publications at the following site:
http://people.rses.anu.edu.au/dedeckker_p/

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http://people.rses.anu.edu.au/dedeckker_p/



Dr. Antoine De Ramon N'Yeurt
Research Fellow
Pacific Center for Environment and Sustainable Development, The University of the South Pacific
Suva, Fiji

Professional profile

Dr. Antoine de Ramon N'Yeurt obtained his PhD in marine botany from the University of the South Pacific (USP, Suva) in 1998, and now works as a Research Fellow in climate-change issue at the Pacific Centre for Environment and Sustainable Development (PACE-SD) of the University of the South Pacific in Fiji. For the last 20 years he devoted his activities to the study of marine algae of the Pacific Islands such as Fiji, Rotuma, the Cook Islands, and has been involved in surveys of the marine floras of French Polynesia, Wallis, the Solomon Islands, Santo (Vanuatu), the Seychelles and Clipperton. He is the author of numerous publications, books and floras on taxonomy and described several new genera and species of marine algae. More recently, he has been involved in the topics of Ocean Algal Afforestation (OAA) and renewable energy, ocean acidification and its effects on coral reefs, and community-level climate change adaptation in the South Pacific.

Position

Research Fellow with the European Union Global Climate Change Alliance Project (EUGCCA) of the Pacific Center for Environment and Sustainable Development (PACE-SD), The University of the South Pacific (USP). Responsible for research and teaching in the area of the marine environment and climate change in the Pacific region

Research, innovation, capacity development, and other collaboration interests

Dr. Antoine de Ramon N-Yeurt is primarily involved in the implementation of research questions in the broad area of climate change and the marine environment. He is also involved in the development and teaching of a course in Ecology and Climate Change for the Postgraduate Diploma in Climate Change program at PACE-SD. Research innovations include high precision seawater temperature monitoring for Fiji waters in collaboration with IRD and SPC.

Relevant publications

N'Yeurt, A.D.R., Chynoweth, D.P., Capron, M.E., Stewart, J.R., Hasan, M.A. 2012. Negative Carbon via Ocean Afforestation. *Process Safety and Environmental Protection* 90:467-474. N-Yeurt, A.D.R. & C.E. Payri. 2010. Marine benthic algal flora of French Polynesia. III. Rhodophyta, with additions to the Chlorophyta and Phaeophyceae. *Cryptogamie, Algologie* 31: 1-200. (no more space for rest of publications).

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Dr. Pascale Delecluse
Deputy Director for Research Meteo-France
Saint Mande, France

Professional profile

Ecole Normale Supérieure Paris in Physics 1975-1979 3rd Cycle Thesis in physical oceanography 1979 Doctoral thesis es Sciences in Dynamical Oceanography 1984 Post-Doc in GFDL (NOAA/Princeton University - USA) 1979-1980 Researcher, then research director in CNRS 1980 Deputy director for research in Meteo-France since September 2006.

Position

Deputy Director for Research in Meteo-France In charge of institutional relations with other research institutes (national and international).

Research, innovation, capacity development, and other collaboration interests

Development of dynamical ocean modeling (code OPA) Parameterization for tropical oceans, global ocean Equatorial dynamics, coupling between ocean and atmosphere (El Niño, IOD...) Development of predictability studies Global coupled models and climate change.

Relevant publications

Blanke B. and P. Delecluse, 1993, J. Phys. Oceanogr., 23, 1363-1388. Delecluse P. et al., 1994, Tellus., 46 A, 448-464. Madec G., P. Delecluse, M. Imbard and C. Lévy, 1998, Notes du Pôle de Modélisation, 11, IPSL, 91pp. Delecluse P. et al., 1998, Geophys. Res., 14357-14373 Guilyardi E., P. Delecluse, S. Gualdi and A. Navarra, 2003, J. Climate, 16, 1141-1158.

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Seema Deo
Communications and Outreach Adviser
Secretariat of the Pacific Regional Environment Programme
Apia, Samoa

Position

Communications and Outreach Adviser - coordinate environment education/communication and related capacity building for all SPREP work areas, including nature conservation, climate change and waste management and pollution control. This includes liaison with academic/research institutions and scientists working in these areas.

Contact

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Dr. Joseph Espi
Earth Sciences Division The University of Papua New Guinea
Papua New Guinea

Professional profile

BSc/BSc Honors (UPNG, PNG), MSc/PhD (University of Tsukuba, Japan) 2009-Current: Senior Lecturer, Earth Sciences Division, School of Natural and Physical Sciences, UPNG 6/2007-11/2011: Head of Earth Sciences Division, School of Natural and Physical Sciences, UPNG 6/2007-11/2011: Director/Co-Director of the Center of Disaster Reduction, School of Natural and Physical Sciences, UPNG 10/2000-10/2005: Japanese Government Scholarship 10/2000-3/2001: Japanese Language Certificate: University of Tsukuba, Japan 1/1997-8/2000: Graduate, field, mine and exploration geologist, Ok Tedi Mining Limited, PNG 6/1999: Certificate in Maptek Course - Basic Envisage 1 (Maptek), Ok Tedi Mining Limited, PNG 5/1999: Certificate in Health, Safety and Welfare (City & Guild/BHP), Ok Tedi Mining Limited, PNG 11/1998: Certificate of Participation - Risk Analysis in Mining Planning (Snowden Associates), Ok Tedi Mining Limited, PNG 1995: Highlands Gold Medal for Postgraduate Studies, Geology Department, UPNG 1994: Co-recipient of AusIMM Prize for best geology graduate (BSc degree), Geology Department, UPNG 1993: Special Merit Prize, Geology Department, UPNG 1988: Certificate of Merit - High Distinction in Australian National Chemistry Quiz from Royal Australian Chemical Institute: Grade 11, Kerevat National High School, PNG

Research, innovation, capacity development, and other collaboration interests

My principal research areas include study of mineral deposits, geohazards mapping and geological education in PNG. These research projects are undertaken in collaboration with collaborators such as Leicester University in UK, James Cook University in Australia, Technical University of Clausthal in Germany, Barrick (Australia-Pacific) Limited, Mineral Resources Authority of PNG and PNG Department of Mineral Policy and Geohazards Management.

Relevant publications

1. Noku SK, Matsueda H, Espi JO, Akasaka M (accepted) Petrology, geochemistry and fluid inclusion microthermometry from the Laloki and Federal Flag strata-bound massive sulfide deposits, Papua New Guinea. *Resource Geology*, v 62, no 2.

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Dr. Samuel Etienne
Université de la Polynésie française
Faa'a, Tahiti

Professional profile

November 2010: Habilitation thesis, Université Blaise-Pascal Clermont-Ferrand. Since September 2008: Associate Professor in Physical Geography, Université de la Polynésie française
September 2007: Professional diver qualification, Advanced scientific divemaster, CNRS
January-July 2008: Research sabbatical semester, UBP Clermont-Ferrand 2, CNRS GEOLAB UMR 6042.
2002-2008: Senior Lecturer in physical geography, Université Blaise-Pascal Clermont-Ferrand 2
2000-2002: Temporary research and teaching assistant, Université de Paris 4 Sorbonne
October 2001: PhD thesis, Université de Paris 1 Panthéon-Sorbonne. 1997-2000: Lecturer, Université de Paris 1 Panthéon-Sorbonne. June 1997: Research Master in Geomorphology and Natural Hazards, Université de Paris 1 Panthéon-Sorbonne. Rank: 1st.

Research, innovation, capacity development, and other collaboration interests

Research activities: coastal geomorphic dynamics in high-level energy contexts (storms, cyclones, tsunamis). Natural hazards associated with catastrophic marine inundation on low-lying tropical areas (Polynesia, Fiji, Samoa). Coastal resilience after extreme events. Modelling of marine inundations. Member of the UNESCO-IOC International Tsunami Survey Team (Samoa, 2009).

Relevant publications

Etienne et al 2011. The use of boulders for characterising past tsunamis: lessons from the 2004 Indian Ocean and 2009 South Pacific tsunamis. *Earth-Science Reviews*. Terry & Etienne 2010. Tempestuous times in the South Pacific islands. *Science*, 328. Terry & Etienne 2010. Stones from the dangerous winds: reef platform megaclasts in the tropical Pacific Islands. *Natural Hazards*, 56. Etienne 2012. Natural Hazards in the Asia-Pacific region: TC Oli in

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Samuel ETIENNE Université de la Polynésie française BP 6570 98702 Faa'a - Tahiti tel. (+689) 803 930 samuel.etienne@upf.pf <http://biocoast.blogspot.com>



Dr. Rado Faletic
Director, Projects & Communications, Montroix Pty Ltd
Mawson, Australia

Professional profile

I have broad-ranging professional experience in higher-education and research, business and the not-for-profit sectors. My core strengths are an ability to effectively communicate complex issues, a flair for questioning assumptions and exploring alternative solutions to problems, and flexibility in my approach to tasks. International relations Providing input and advice to governments and organisations in Australian and Europe with regards to their international research strategies and activities' Assisting researchers and projects overcome cultural and bureaucratic challenges (e.g. reconciling different reporting requirements and expectations across different countries). Ensuring that expectations are clearly understood and that assumptions are challenged in order to increase chances of successful outcomes - Connecting people and information in the pursuit of improved international research cooperation Project management - Managing a diplomatically significant research-facilitation unit (FEAST). Responsibility for implementing web/I.T. strategies and projects at FEAST, the NYSF and ANU Stakeholder management. Ensuring obligations are met and stakeholders are kept informed of progress and developments. Adapting to new and changing requirements from stakeholders, including changes to contracts, funding rules and new priorities and opportunities. Maintaining regular communication to foster cordial relations and to ensure timely flow of information, ideas and new developments.

Position

Montroix Pty Ltd is an innovative services company that delivers a range of high value research support and collaboration activities. The company's core activities include support for global knowledge platforms, enterprise level insights, and education and training activities.

Research, innovation, capacity development, and other collaboration interests

I have extensive experience and track-record with advising third country researchers and organisations on how to collaborate with FP7 / Horizon2020, and am interested in continuing to support researchers in the region.

Relevant publications

Stocktake of Australian engagement with FP7. FEAST Discussion Paper 3/10, May 2010. The case for interoperability in global research. FEAST Discussion Paper 6/11, April 2011. From interoperability challenges to syncing opportunities: a pathway to global research. FEAST Discussion Paper 7/11, June 2011. Joining the Dots. International Innovation: Health, August 2012. Collaboration is Critical. International Innovation: Health, September 2012.

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Dr. Sebastian Ferse
Leibniz Center for Tropical Marine Ecology (ZMT)
Bremen, Germany

Professional profile

Studied Biology and Marine Biology in Göttingen/Germany and Santa Barbara/California. Obtained a MSc in International Studies in Aquatic Tropical Ecology from the University of Bremen in 2004. Received a PhD in coral reef ecology at the University of Bremen in collaboration with the Leibniz Center for Tropical Marine Ecology (ZMT) in 2008. From 2008-2011, worked as post-doctoral researcher in the social ecological systems group at the ZMT Bremen in the frame of the Indonesian-German SPICE program (Science for the Protection of Indonesian Coastal Ecosystems). Since 2012, work as research associate in the social-ecological systems and coral reef ecology groups at the ZMT. Coordinator of the Project 'Impacts of marine pollution on biodiversity and coastal livelihoods' in phase III of the SPICE program. Between 1999 and 2008, received study and doctoral scholarships from the German National Academic Foundation. Academic Editor for the journal PLoS ONE.

Research, innovation, capacity development, and other collaboration interests

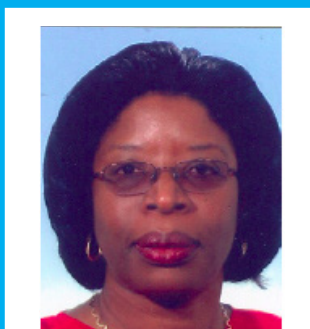
Interested in marine resource use and coastal livelihoods, marine management, and links between human activity and ecological processes in coral reefs.

Relevant publications

Nugues M, Ferse S 2011. Maßnahmen zum Schutz von Korallenriffen. In Lozán J et al. (eds.) Warnsignal Klima: Die Meere. Wissenschaftliche Auswertungen, Hamburg:330-336. Schwerdtner Máñez K, Ferse S 2010. The history of Makassan trepang fishing and trade. PLoS ONE 5(6) Ferse S, Máñez Costa M, Schwerdtner Máñez K, Adhuri D, Glaser M 2010. Allies, not aliens - increasing the role of local communities in MPA implementation. Environ Conserv 37:23.

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www.zmt-bremen.de



Dr. Judith Francis
ACP-EU Technical Centre for Agricultural and Rural COoperation (CTA)
Wageningen, The Netherlands

Professional profile

Judith Ann Francis is Senior Programme Coordinator Science, Technology and Innovation at the ACP-EU Technical Centre for Agricultural and Rural Cooperation (CTA). Since 2003, she has pioneered the application of the innovation systems approach in the agricultural sector in the 79 countries of the African, Caribbean and Pacific Group of States and gained buy-in among leaders in the academic and research community. Prior to CTA, Judith worked with the Inter-American Institute for Cooperation on Agriculture (IICA), and as a researcher with the Caribbean Industrial Research Institute. She also lectured at undergraduate and postgraduate levels in Food Science and Human Nutrition. Judith holds post graduate degrees in Management, Food Technology and Human Nutrition and certificates in the Management of Technology and Innovation, ST&I Policy and, Evaluation of Science and Innovation Policies. She has benefitted from international fellowships and served on several boards and international committees and professional organizations including as president of the Caribbean Associations of Food Science and Technology and of Nutritionists and Dieticians. Judith is a member of the board of SciDev.net and of the International Advisory Panel of the Regional Universities Forum for Capacity Building in Agriculture (RUFOUM) in Africa. Judith also manages the CTA S&T portal Knowledge for Development <http://knowledge.cta.int/>.

Research, innovation, capacity development, and other collaboration interests

Strengthening innovation systems, supporting national case studies and facilitating networking for learning and experience sharing among senior scientists, academics and policy makers in the PAacific and between them and EU partners on related issues; biotechnology, fisheries, livestock, bioenergy and climate change. Providing and using evidence to influence policy processes.

Relevant publications

Visit <http://knowledge.cta.int> Francis, J. 2010. "Innovation Systems, Food Security and Economic Development: Lessons from the ACP Region. Proc. IC on Banana & Plantain in Africa. Eds.: T. Dubois et al. Acta Horticulturae 879. ISHS 2010. Vol. 2. 681-693

Contact

ACP-EU Technical Centre for Agricultural and Rural COoperation (CTA), Agro Business Park 2, 670



Prof. Alban Gabillon
Vice-President for Research, University of French Polynesia FAA'A
French Polynesia

Position

Vice-President for Research at the University of French Polynesia

Contact

<http://pages.upf.pf/Alban.Gabillon/> Université de la Polynésie Française, BP 98702, FAA'A, French Polynesia, e-mail: alban.gabillon@upf.pf



Dr. Alexandre Ganachaud
Researcher
Institut de Recherche pour le Développement (Toulouse/Noumea)
Toulouse, France

Professional profile

Ocean role in the climate system: present and future large and regional scale oceanic circulation, ocean transports of heat, salt, oxygen and nutrients; southwest Pacific circulation and climate, Island effects and jets.

Position

Physical Oceanographer, LEGOS; CLIVAR Pacific Panel, co-chair.

Research, innovation, capacity development, and other collaboration interests

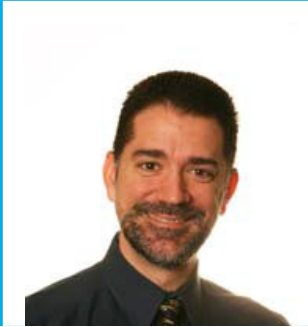
The southwest Pacific Islands are very sensitive to oceanic conditions. As a physical oceanographer, I am interested in identifying and addressing research questions that help understanding the oceanic and atmospheric conditions as they evolve with time, along with their future projections and the consequential impacts.

Relevant publications

Ganachaud, A., Sen Gupta, A., Brown, J.N., Evans, K., Maes, C., Muir, L.C., Graham, F.S., 2012. Projected changes in the tropical Pacific Ocean of importance to tuna fisheries. Climatic Change DOI 10.1007/s10584-012-0631-1 Gasparin, F., Ganachaud, A., Maes, C., Marin, F., Eldin, G., 2012. Oceanic transports through the Solomon Sea: The bend of the New Guinea Coastal Undercurrent. Geophys. Res. Lett. See <http://www.legos.obs-mip.fr/ganachaud>

Contact

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Email: alexandre.ganachaud@ird.fr Téléphone :+33 (0) 5 61 33 29 66



John Gardner
Social and Economic Sciences Program CSIRO Ecosystem Sciences
Brisbane, Australia

Professional profile

I am a social psychologist within Australia's Commonwealth Scientific and Industrial Research Organisation (CSIRO), working in the areas of energy technology, climate change mitigation and climate adaptation. I'm involved in a range of projects in these fields, investigating the factors that motivate the responses of individuals, communities and businesses to issues of climate change and alternative energy technologies. Much of this research involves large-scale surveys, interviews and focus groups, as well as experimental evaluations of intervention programs, and examines the role of individual and social factors on behaviour change, carbon footprints, uptake of new technology, and preparation for climate change impacts. I have a combined Masters/PhD in social/organisational psychology. I have previously worked as an academic at the University of Queensland and as a research consultant to public- and private-sector organisations.

Research, innovation, capacity development, and other collaboration interests

My current research foci are: i) behavioural and policy interventions related to the management of domestic water consumption, and ii) tracking and predicting the extent of climate adaptation planning in Australian public and private sector organisations.

Relevant publications

Gardner, J, et al. (2011). Social Study on Attitudes, Drivers and Barriers to the Uptake of Electric Vehicles. CSIRO, Australia. Gardner, J., et al. (2010). Developing national indicators of climate change adaptive capacity. Report for Australian Government DCCEE, CSIRO, Australia. Gardner, J., et al. (2008). Exploring the acceptance of a domestic distributed energy market in Australia. *Aust J of Env Management*, 15 (June): 93-103.

Contact

John Gardner Social and Economic Sciences Program CSIRO Ecosystem Sciences
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Dr. Raghunath Ghodake
Morobe,
Papua, New Guinea

Professional profile

Background as Agricultural Scientist/Research Economist/Farming Systems Expert/ Research Manager/ Research Planner / Strategy Planner / Policy Advisor/ Institution Developer / Scientific Leader/ Executive Manager and Development Practitioner Educational qualification MSc and PhD. Agricultural and Resource Economic Thirty nine years of research, development, management, planning, policy and professional experience in developing countries, regional and international arena; specifically in agricultural research, technology development, research planning and design, problem analysis, project and programme development, research management, strategic and dynamic adaptive planning, policy formulation, financial management, prioritization, resource allocation and management, information sharing and communications, institutional building, executive management and institutional leadership. Bestowed with “Order of Logohu (OL)” award in 2008: This has been the recognition by the Government of Papua New Guinea for service to the community through contribution in the areas of scientific leadership, research policy and management, and institutional development, including the present role as the Director General of the PNG National Agricultural Research Institute. Established, nurtured and managed NARI, with excellence in contribution to agricultural research and development in PNG, in the Asia-Pacific region and globally.

Research, innovation, capacity development, and other collaboration interests

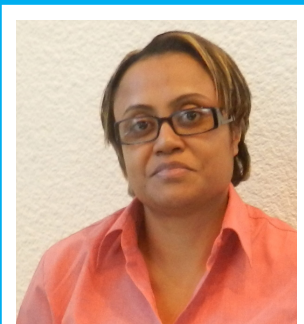
Overall interest is to make contributions to the promotion of innovative agricultural development through scientific research, knowledge and information exchange to improve welfare of rural communities for their well-being and prosperity in the Pacific. Specific collaboration interest is in capacity development in science and technology, research and innovation and policy areas and institutional development and resource mobilization.

Relevant publications

An evaluation of impact of improved dryland technology on factor shares Research Priorities for the agriculture, forestry and fisheries sectors in the Pacific Sub region Contribution of Agricultural Research to Rural Development Synthesis of Regional Agricultural Research Needs and Priorities for the Asia-Pacific Region A multidisciplinary research strategy to mitigate the impacts of climate change on agricultural production in PNG.

Contact

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Makelesi Gonelevu
Knowledge Management Officer
Secretariat of the Pacific Regional Environment Programme
Apia, Samoa

Professional profile

Masters of Information Technology, University of Southern Queensland, Australia majoring in Web/Database Integration.

Position

Knowledge Management Officer for the Climate Change Division. Currently responsible for the development of the Pacific Climate Change Portal www.pacificclimatechange.net.

Contact

makelesig@sprep.org



Dr. Chris Goulding
Scion, New Zealand Forest Research Institute Limited
Rotorua, New Zealand

Professional profile

PhD (forest management) UBC, Canada. BSc Forestry, Aberdeen, Scotland I am a scientist in forest management research applied to intensively managed production forestry with fast growing plantations. My research group emphasises science that delivers practical solutions. It developed many of the management and mensuration systems currently in operational use in New Zealand and Australia. I have been the project leader or have carried out forest research consultancies on behalf of Scion in a number of countries abroad, including Chile, Fiji, Indonesia, Malawi, Turkey, UK and USA. I am part of the science team that is researching the effects of climate change on forests, on contract to the Ministry for Environment, developing the Land Use Carbon Analysis System (LUCAS) to meet New Zealand-s reporting responsibilities. I am a lead auditor for Forest Stewardship Council certification of forest management in New Zealand, also conducting audits in Fiji and Queensland. In New Zealand the award of FSC certification will permit market access, but also assures investors that their forests are -well managed-. That assurance will be increasingly sought for Pacific Island forests. I have become interested in forest management associations for small-forest owners. This includes Maori owners, where the research required for their forest management will be specific and different from that of others. This is of relevance to the community owned lands and forests of the Pacific Islands.

Research, innovation, capacity development, and other collaboration interests

Coordinator, IUFRO (International Union of Forest Research Organisations) unit 4.04.02, "Planning and Economics of Fast-growing Plantation Forests", NZ representative, Australia/NZ Research Working Group 2, Forest Management and Measurement Fellow and Council member, New Zealand Institute of Forestry.

Relevant publications

eets, P.N., Brandon, A.M., Goulding, C.J., Kimberley, M.O., Paul, T.S.H., Searles, N. 2011. The inventory of carbon stock in New Zealand-s post-1989 planted forest for reporting under the Kyoto protocol. *Forest Ecology and Management*. 262 (6): 1119-1130. Goulding, C J; 2010. Forest certification - Looking for honesty and credibility. *ISO Focus*, May 2010: 17-18.

Contact

Scion, New Zealand Forest Research Institute Limited, Private Bag 3020, 49 Sala Street, Rotorua 3046, New Zealand Tel +64 7 343 5641 Mob +64 21 973716 chris.goulding@scionresearch.com



Dr. Gae Gowae
University of Papua New Guinea
Papua, New Guinea

Professional profile

Achieved PhD in Resource Management and Environmental Sciences from the Australian National University in Australia, Masters Degree in Environmental Forestry from the Bangor University College of North Wales, Wales, UK., and Bachelor of Science in Forestry from the PNG University of Technology in PNG. Awards including Australian Aid Scholarship in 1997, British Commonwealth Scholarship in 1991, JICA Scholarship in 1984, PNG Government Scholarship in 1979, and OK Tedi Development Scholarship in 1975.

Research, innovation, capacity development, and other collaboration interests

Current interests in research, innovation, capacity development and collaborations are in the areas of climate change impacts on forest biodiversity and forest carbon stock estimation, including post graduate students research on forest carbon estimation, forest soil carbon estimation, implications of land tenure on REDD+ concept, and carbon emissions from logging activities.

Relevant publications

1. Climate Change Impacts at the Doorstep.
2. Application of REDD concept under Forest Management Area.
3. Cohort Model of Pometia species in the lowlands tropical forests of PNG.
4. Spatial Analysis of Forest Structure in Jamican Montane Forests.
5. Multiple Tape Winding Method for Measuring Tree Growth over short period of time.

Contact

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Makelesi Gonelevu
Secretariat of the Pacific Regional
Apia, Samoa

Professional profile

Bachelor of Science Degree (University of the South Pacific), 1999, Suva, Fiji
Masters in Information Technology (University of Southern Queensland), Queensland, Australia, 2010

Contact

Secretariat of the Pacific Regional. PO Box 240
Apia, Samoa. Phone: (685) 21929,
Email: makelesig@sprep.org Web: www.sprep.org



Harald Grauer
Anthropos Institute
Sankt Augustin, Germany

Professional profile

Dipl. theol. research assistant at the Department of Anthropology of the Americas (University of Bonn) (2006-2009) science librarian and archivist at the Anthropos Institute for Ethnology and Linguistics (Sankt Augustin) (2009)

Research, innovation, capacity development, and other collaboration interests

Research interests: history of anthropology in Melanesia cultural change in Melanesia - health issues in Melanesia (PNG)

Contact

Anthropos Institute, 53754 Sankt Augustin, Germany. Phone: +49-2241-237-420, email: anthropos.library@steyler.de www.anthropos.eu

Caroline Hauxwell
Associate Professor, Queensland University of Technology,
Australia

Brief description of your past, ongoing and future project(s)

Projects funded in the main from the Australian agricultural industries and govern (GRDC and CRDC).

Previous projects include

- Research on insect viruses leading to commercial production and registration of three new biopesticides for control of *Helicoverpa* species in cotton and grains.
- Improved formulation and integration of baculovirus biopesticides in mainstream agribusiness.
- Assessment of the potential for resistance to microbial insecticides.
- Novel industrial fermentation technology for biopesticide production.

Ongoing research includes

- Development of commercial products for control of sucking pests.
- Endosymbiont / pathogen interactions in termites.
- Microbes for control and management of insecticide resistance in Diamondback moth.
- Microbial control of stored grain pests and management of insecticide resistance.
- Improving regulation and registration of microbial pesticides.

Research, innovation, capacity development, and other collaboration interests

Biopesticide use and production
Microbe / insect biology & ecology
Insecticide resistance management
Sustainable agriculture & forest pest management
Promoting change to sustainable agricultural practices

Contact

caroline.hauxwell@qut.edu.au

Website: www.qut.com



Karen Hussey
Australian National University,
Canberra, Australia

Professional profile

I am a political scientist and economist with extensive experience in research around climate adaptation, water policy and the policy and institutional arrangements for sustainability. I have a PhD in Political Science (title: the EU as an international environmental leader), a Masters of Economics, and a B.A (Economics and Politics). Board member, UNESCO Chair in Water Economics and Transboundary Water Management, at The Australian National University Achievements: • Invited Expert Evaluator, Marsden Fund, Royal Society of New Zealand • Invited Expert Evaluator, European Union 7th Framework Programme, Theme: Environment (including climate change). • Invited Expert Evaluator, Marie Curie International Research Staff Exchange Scheme, European Union 7th Framework Programme • Committee member, ANU University Research Committee. Chair: Deputy Vice Chancellor Research. • Steering Committee member, 2012 International Water Association Annual Congress on the 'Energy-Water Nexus', Dublin. • Book reviewer, Cambridge University Press • Associate, Centre for Water Economics and Environmental Policy, Crawford School of Economics and Government, ANU. • Associate, Sustainable Environment Group Consulting Firm. Details: <http://www.segroup.net.au/>

Research, innovation, capacity development, and other collaboration interests

Manage \$1.3m research projects on governance & institutional arrangements for climate adaptation. As Co-Chair of the ANU Water Initiative I am responsible for coordinating the water-related research and education activities of the ANU. Board Member of UNESCO Chair in Water Economics and Transboundary Governance, & Programme Director for the ANU-United States Studies Centre project 'Climate, Energy & Water: Accounting for & Managing the Links'.

Relevant publications

Hussey, K. & J. Pittock & S. Dovers (forthcoming). Climate, Energy and Water: Managing a Holy Trinity. CUP Grafton & Hussey (eds) 2011 Water Resources Planning and Management CUP Hussey & Dovers (eds) 2007 Managing Water for Australia: the social and institutional challenges, CSIRO Publishing Hussey 2011 "Water Security", Encyclopaedia of Sustainability, V3: The Law and Politics of Sustainability Berkshire Publishing

Contact

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Gerold Heinrichs
DLR International Bureau of BMBF,
Bonn, Germany

Professional profile

10 years Scientific Experience after Graduation: University Degree, PhD in Geology and Hydrogeology, Working as Researcher, Graduated in 1988 from Technical University Clausthal Zellerfeld and finished the PhD in 2006 at the University Wuerzburg. • 8 years experience as Consultant • 11 years experience as Science and Technology Manager: experience in the setting up and running of research funding facilities • since 2005 experience in participating and coordinating in FP6 and FP7 EU funded programmes of DG Research:

- o IB-DLR Asia-America-Oceania department is following a strategic approach and is involved today in 15 FP7 funded projects.
- o Personally Coordinator of INCONET SEA-EU-NET (EU-Southeast Asia) and ERANET KORANET (EU-Korea).
- o Participant, Task and Work package Leader personally and as responsible head of department in the past and running INCONETs EULARINET (Latin America) and PACE-NET (Pacific), in the ERANETs NewIndigo (India), CONCERT (Japan) and CoReach (China) and EULANEST (South America), in the BILAT-project AOUDA (India), UEMEXCYT (Mexico) and ERA-CANII (Canada) and in the ACCESS4EU projects APORTA (Brazil), KORRIDOR (Korea), AUS-ACCESS4EU (Australia), ACCESS2Canada (Canada) and ACCESS4EU:NZ (New Zealand).

Contact

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Dr. Colin Hindmarch
Net-Biome,
Newcastle, United Kingdom

Professional profile

ACADEMIC QUALIFICATIONS: PhD. (Biology) Southampton University (UK) PG Dip. (Landscape Design) Newcastle University (UK) Dip. (Horticulture) Royal Botanic Gardens, Kew (UK). PROFESSIONAL AWARDS: Chartered Biologist (CBiol) Fellow of the Society of Biology (FSB) European Professional Biologist (EuroProBiol) Fellow of the Institute of Horticulture (FIHort) IMPACT INDICATORS: Hindmarch (2007) cited in: -Halting biodiversity loss-, House of Commons (UK) Environmental Audit Committee Thirteenth Report (2008) <http://www.publications.parliament.uk/pa/cm200708/cmselect/cmenvaud/743/743.pdf> Hindmarch, et al (2006) cited in: Parliamentary Office of Science and Technology -Ecosystem Services- (2007) <http://www.parliament.uk/documents/upload/postpn281.pdf> Hindmarch C. & McCracken, D.I. (2004) cited in: Impact of Environmental Agreements on the CAP Document: MEACAP (2005) http://www.ieep.eu/publications/pdfs/meacap/WP5/WP5ND1_agbiodiversity.pdf Hindmarch (2003) (unpublished report): cited in Environment Assessment of Implementation of Biodiversity Action Plan for Economic and Development Cooperation, Global Framework Contract - LOC No. 2003/77061 Final Report April 2004. http://ec.europa.eu/development/center/repository/Biodiversity_Action_Plan_Audit_report_en.pdf Civic Trust (UK) Commendation, Lychpit Local Centre, Basingstoke, Hampshire (1986).

Research, innovation, capacity development, and other collaboration interests

Chair: European Forum on Nature Conservation and Pastoralism (2010 - 2013) efncp.org Board Member: Net-Biome FP6 ERA-NET (2007 - 2011) netbiome.org Board Member: UK Overseas Territories Conservation Forum (2006-2011) ukotcf.org Chair: Institute of Biology (UK) Environment Committee (2005-2007) societyofbiology.org Member: British Ecological Society PPC (1993 - 2011) President: Kew Guild (founded 1893) (2004-2005) kewguild.org.uk

Relevant publications

Hindmarch & Hall 2012: The Chillingham wild cattle of Northumberland: an evolutionary puzzle and a challenge for pastoralism. *La Cañada*; 29, 2012, ISSN 1027-2070. Hindmarch, & Angeli, (2011): Reforming Common Agriculture Policy. *Biologist*, Vol 58 No 3. Hindmarch 2007: Biodiversity on the far-flung outposts of Europe. *Biologist*, Vol. 54 Number 2. Hindmarch et al 2006: Growth and sustainability: integrating ecosystem services into economics.

Contact

Dr Colin Hindmarch 97, Oakwell Court, Hamsterley vale, Derwentside, County Durham. NE177BE (UK). Tel: +44 (0)1207565717 Email: colinhindmarch@talktalk.net Skype: colin.hindmarch



Kevin Hennessy
CSIRO Marine and Atmospheric Research
Victoria, Australia

Professional profile

Kevin Hennessy is a Principal Research Scientist at CSIRO Marine and Atmospheric Research. He has been doing climate change research for over 24 years and is currently leading the Impacts, Adaptation and Vulnerability team. His Bachelor of Science Degree (Honours) was completed in 1986 and his Post-Graduate Diploma in Science Communication was completed in 2002. He has 200 publications dealing with climate variability and climate change issues. Kevin has a strong public profile, due to the impact of his research and communication skills. He is frequently invited to give presentations at conferences or stakeholders briefings. Some of his consultancy reports have influenced policy development, e.g. in fire management, ski resort infrastructure and drought policy. He is recognised as a national authority on a range of climate change issues. Over the past 3 years, his interests have shifted to Pacific climate change science and capacity-building through involvement in the Pacific Climate Change Science Program <http://www.cawcr.gov.au/projects/PCCSP/>

Research, innovation, capacity development, and other collaboration interests

Assessment of regional climate change, e.g. www.climatechangeinaustralia.gov.au and <http://www.cawcr.gov.au/projects/PCCSP/> Capacity-building through providing in-country training in the Pacific Climate Futures web-tool <http://www.pacificclimatefutures.net/> • Assessment of impacts and adaptation options, in collaboration with relevant experts and stakeholders. Communication of research outcomes to stakeholders.

Relevant publications

Co-author of www.climatechangeinaustralia.gov.au. Coordinating Lead Author of the “Australia and New Zealand” chapter of the 2007 IPCC WGII report Co-author of <http://www.csiro.au/en/Outcomes/Climate/Climate-Change-Book.aspx>. Co-author of <http://www.cawcr.gov.au/projects/PCCSP/publications.html>

Contact

Kevin Hennessy Principal Research Scientist
CSIRO Marine and Atmospheric Research Private
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Thomas Hirsch
World Berlin office
Berlin, Germany

Professional profile

Profession: Geographer (magna cum laude), University of Heidelberg Career: Representing Bread for the World towards the German government and the German Parliament as well as on international climate policy levels (e.g. UNFCCC) since 2011; coordination of Bread for the World's international programs on climate change (2008-2010); Finance Director of the international human rights organisation FIAN (1999-2008); policy advisor, trainer and researcher of different NGOs with work focus on Latin America and Europe as well as at the Fachhochule Karlsruhe (1993-1999)

Research, innovation, capacity development, and other collaboration interests

Capacity development in the field of community based adaptation and disaster risk reduction; improvement of climate resilience of populations on low lying islands (protection against coastal erosion, adaptation of agriculture re salinity encroachment, rainwater harvesting & water management), climate induced resettlement

Contact

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Régis Hocdé
Scientific information systems project manager
South Pacific Integrated Observatory for Environment and Terrestrial and Marine Biodiversity (GOPS)
Montpellier, France

Position

Scientific information systems project manager
- Deputy to the director of GOPS South Pacific Integrated Observatory for Environment and Terrestrial and Marine Biodiversity (GOPS) --
Observatories project manager Science division (DGD-Science) IRD (Institut de recherche pour le développement).

Contact

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Viliamu Iese
Research Fellow - Climate change
Pacific Centre for Environment and Sustainable Development, University of the South Pacific
Suva, Fiji Islands

Professional profile

I have a MSc in Biology (Conservation Genetics) with the thesis Titled: Characterization of the giant swamp taro (*Cyrtosperma chamissonis*) using genetic fingerprinting, morphological features and traditional knowledge of farmers in the Pacific. This work formed the basis for development of morphological descriptors for the giant swamp taro. This also leads to development of conservation strategies for this important crop. I am currently, the leader for the Food Security Research Group under the Climate change Cluster in USP. I was awarded a US State Department grant for working on crop models with IFDC, Alabama, USA. The focus was to apply it on capacity building and research in Pacific Island Countries. I was also awarded a UNESCO Fellowship to conduct research on rice genetics in BIOTECH Thailand. I have worked for marine research, agriculture activities and persistent organic pollutants in Tuvalu.

Position

Research Fellow in Climate change. I specialize on Food Security and Disaster Risk Management. I am mainly working on Community Vulnerability Assessment as well as crop modelling research to assess the impacts of climate change on food security as well as improving the resilience of Pacific Island communities.

Research, innovation, capacity development, and other collaboration interests

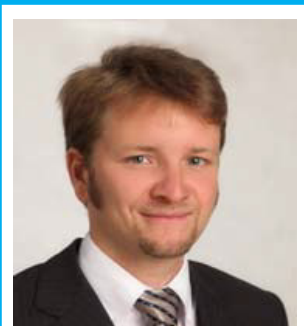
I am the Temporary Leader of USP Food Security Research Group working with colleagues on Assessing the vulnerability of food security systems (production and consumption) in communities in Fiji, Kiribati and Tonga. I am also providing advice and involved with MSc - Climate change students on their research on Food Security. I am interested on collaborations on Food Security Research as well as Disaster Risk Management.

Relevant publications

Iese, V., Miller, C. (2011) Whales of the Pacific. In Whales and Dolphins cognition, culture, conservation and human perceptions (ed. Phillipa Brakes, Mark Simmonds): Earthscan, London. Iese, V., Taylor, M. (2011) Using -ASTI- Methodology to analyze the noni innovation system in Samoa and Tuvalu. Innovation Asia-Pacific Symposium, 4-7 May 2009, Kathmandu, Nepal

Contact

email: iese_vi@usp.ac.fj Postal: Pacific Centre for Environment and Sustainable Development The University of the South Pacific Suva, Fiji Islands



Florian Peter Iwinjak
United Nations Industrial Development Organization (UNIDO)
Brussels, Belgium

Professional profile

Florian Peter Iwinjak, born in Graz (Austria), has been working for the United Nations Industrial Development Organization (UNIDO) for one and a half years. As a programme and liaison officer he is responsible for advocating for UNIDO's role, providing policy advice and monitoring EU funded UNIDO programmes. He also is in charge of liaising and coordinating with key partners such as the United Nations Brussels Team, the EU institutions and the ACP secretariat. He started his engagement with the United Nations as a programme and research assistant at the UNDP's Bureau for Crisis Prevention and Recovery (BCPR) in Geneva. Prior to that, he worked in large enterprises of the automotive and textile industry and in government and civil society entities around the world.

Florian studied in Austria and several countries abroad and holds three master degrees, one in Export-Oriented Management from the University of Applied Sciences IMC Krems and two in International Development Studies and Political Sciences from the University of Vienna. He wrote his theses, one about obstacles to sustainable development in Latin America and another about climate change and energy in the EU development cooperation which later were published. He also co-authored "Climate Change and vulnerability in Africa: Vulnerability Report", 2011 published by ACCES. He studied 11 languages and is fluent in German, English, Spanish, Italian, Portuguese and French.

Contact

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Dr. Helene Jacot des Combes
University of the South Pacific (USP)
Suva, Fiji

Professional profile

PhD in Marine sedimentology and Geodynamics (specialization in Marine Geology and Paleoceanography). Title: reconstruction of the paleoceanography and paleoproductivity variations in the NW Indian Ocean during the last 300 kyr: the geochemical response compared to the biological record. University of Lille I, France. Master in Global Environment Geography. Universities of Paris I, Paris IV, and Muséum National d'Histoire Naturelle, Paris, France. Post-Graduate Diploma in Oceanography. University of Brest, France. Alexander von Humboldt Fellowship (2000-2001). Post-Doctoral positions at the Alfred Wegener Institute for Marine and Polar Research (2001-2008)

Research, innovation, capacity development, and other collaboration interests

Preparation of research and capacity building projects on disaster risk management Member of the USP research clusters: Climate Change Adaptation and Mitigation; Pacific Oceans and Fisheries Management Supervision of students studying climate and ocean modelling with a focus on ocean response and extreme event projections.

Contact

Dr. Helene Jacot Des Combes Pacific Center for Environment and Sustainable Development (PACE-SD) University of the South Pacific (USP) Laucala Campus (Marine Campus) Private Mail Bag Suva, Fiji email: descombe_h@usp.ac.fj ph: (679) 3232192 <http://www.usp>.



Johanna Johnson,
Partner and Senior Scientist,
C2O coasts | climate | oceans & Adjunct Scientist at National Marine Science Centre
Australia

Brief description of your past, ongoing and future project(s)

- Vulnerability of Pacific fisheries and aquaculture to climate change (AusAID);
- Monitoring climate change impacts on Pacific coastal fisheries (AusAID);
- Coordinating monitoring of marine water quality and biological condition in the Great Barrier Reef (Caring for Country, Australia);
- Coordinating Reef Rescue Research & Development (Caring for Country);
- Climate change impacts on fisheries resources of northern Australia (FRDC);
- Great Barrier Reef water quality research coordination (MTRSF & NERP);
- Resilience of the Great Barrier Reef to climate change (GBRMPA);
- Reef Plan integrated monitoring, modelling and reporting program (Reef Plan);
- European Water Framework Directive (EU).

Research, innovation, capacity development, and other collaboration interests

Marine tropical ecosystems, climate change vulnerability and adaptation, water quality monitoring and catchment management, fisheries research, marine protected areas

Contact

E-mail: j.johnson@c2o.net.au

Website: www.c2o.net.au



Dr. Anjeela Jokhan
The University of the South Pacific
Suva, Fiji

Professional profile

Dean Faculty of Science Technology and Environment, Associate Professor in Biology at the University of the South Pacific. She has done BSc (Chemistry/Biology), PG Dip (Biology) and MSc (Biology) from The University of the South Pacific. She did her PhD (Plant Physiology) from University of Bristol, UK. Supervised 14 Masters of Science students and two PhD students. Review Panel of the review of the Diploma in Tropical Agriculture Programme of the Fiji College of Agriculture 1999 - 2001 Review Panel of three on the Review of the Science Curriculum of the National University of Samoa 2003 Fiji College of Agriculture Academic Board 1998 – 2008 Fiji Institute of Technology Council 2004 – 2008 Fiji School of Medicine Council 2004 – 2009 Fiji National Council of UNESCO 2003 – 2005 University Consortium of Small Islands States 2008 – to date (Chair of Programme Committee since 2009) ProsperNet 2008 – 2009

Research, innovation, capacity development, and other collaboration interests

Climate change adaptation of the poor and vulnerable in small coastal Islands in the Pacific: implications for poverty reduction. ICT in Education

Relevant publications

1. Prakash R, Jokhan AD 2008 Marine Algae (Enteromorpha species) as possible bioindicators for coastal environment, Invited Paper at the International Conference on Biodiversity, Conservation and Management, Cochin University of Science and Technology, Cochin, India February 2008
2. Anjeela Jokhan and Murari Lal (2010). Climate change adaptation of the poor and vulnerable in small coastal Islands in the Pacific: implications for poverty reduction

Contact

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Prof. Chalapan Kaluwin
Head of the Environment Science & Geography
School of Natural and Physical Science, University of Papua New Guinea
Papua, New Guinea

Professional profile

PhD in Analytical and Environmental Science in Salford University in UK
Masters in Analytical Chemistry, University of NSW, Australia
Honors in Chemistry, University of PNG
Bsc in Science, University of PNG. Professor of Environmental Science in University of PNG Since 2006. Technical Advisor to PNG Government of Environment and Climate Change issues at national and international levels

Position

Head of the Environmental Science and Geography and Director of the Centre for Climate Change and Sustainable Development. Responsible for academic, management and research of 20 staff in the Department.

Research, innovation, capacity development, and other collaboration interests

Currently performing research in Mining, Energy, climate change and Variability, Sea Level Changes, Oceans and Atmosphere in Papua New Guinea and the Pacific. Director of the PNG and University Centre for Climate Change and Sustainable Development. We a number of partnership and collaboration with Universities of Australia, University of Spain, IRD (Noumea), NOAA (Washington), EU (Climate Change and Capacity Building), USP (USP-PACE) and USA.

Relevant publications

1. Climate Change in the Pacific, 2012 2. Climate Change and Sea Level for Pacific- 1990 3. The Papua New Guinea Vision 2050- 2010 4. Hazards and Risk Management for Communities- 2012 5. PNG First National Communication Report -2000

Contact

Professor Chalapan Kaluwin University of Papua New Guinea PO Box 291 University, Papua New Guinea Phone/Fax: 675-3267216 Emails: ckaluwin@upng.ac.pg; ckaluwin@gmail.com



Dr. Verena Keck
Institute of Anthropology, Goethe University Frankfurt,
Grueneburgplatz 1, 60323
Frankfurt/Main, Germany

Professional profile

Habilitation and "Privatdozentin", Goethe University Frankfurt 2009 Ph.D., University of Basel, Switzerland 1991 MA (Lizentiat), University of Basel, Switzerland 1985 Replacement professorships for anthropology at the University of Heidelberg (2009-2010, 2011-2012) and Goethe University Frankfurt (2008-2009, 2011). 2002-2009 Research Fellow and Lecturer, Institute of Anthropology, University of Heidelberg. December 2000-March 2001 Visiting Honorary Research Fellow, the University of Western Australia. April 2000-July 2001 Habilitation scholarship, University of Basel, Switzerland. November 1999 February 2000 Visiting Research Fellow at the Institute for Pacific Islands Studies, University of Hawai'i. 1997-2000 Three year appointment as Research Associate, Micronesian Area Research Center (MARC), University of Guam. 1994-1999 Assistant Professor, Institute of Ethnology, University of Basel. 1993-1994 Research Grant of the Swiss National Fund for Scientific Research, Switzerland. 1993 Five months Research Fellow of the National Institute of Aging/Mayo Clinic (USA) and Micronesian Health Studies, University of Guam. 1987-1988 PhD scholarship, Studienstiftung des Deutschen Volkes, Germany.

Research, innovation, capacity development, and other collaboration interests

Since 25 years anthropological research experience in Oceania (Yupno people, Papua New Guinea), Guam and in Bali, Indonesia. Topics: medical anthropology, HIV/AIDS, age and aging, neurological diseases, migration, tradition and culture change. With J. Wassmann initiating an Academic Exchange Programme, implementation of an anthropology curriculum at the Divine Word University, Madang, Papua New Guinea, 2007-2011.

Relevant publications

2011. The Search for a Cause. An Anthropological Perspective of a Neurological Disease in Guam, Micronesia. Mangilao: Micronesian Area Research Center. 2005.

Social Discord and Bodily Disorders: Healing among the Yupno of Papua New Guinea. Durham: Carolina Academic Press. (ed.) 1998. Common Worlds and Single Lives. Constituting Knowledge in Pacific Societies. Oxford: Berg.

Contact

Institute of Anthropology, Goethe University Frankfurt, Grueneburgplatz 1, 60323 Frankfurt/Main, Germany, phone (+) 069 798 33070 verena.keck@t-online.de; http://www.uni-frankfurt.de/fb/fb08/ie/Mitarbeiter/Vertretungsprofessuren/Verena_Keck.html



Dr. Sigrid Köhne
Martin Luther Universität Halle-Wittenberg
EU Research representative Dept. 6 Research
EU office south 06099 Halle (Saale), Germany

Professional profile

Scientific background as a researcher in Agricultural and Environmental Sciences / Soil Sciences. Since 2005 EU-research representative, presently at Martin-Luther-University Halle-Wittenberg, EU Academic Network of Saxony-Anhalt, EU office South. Main tasks: - multiplying information into Saxony-Anhalt's universities and applied universities - promote participation of researchers Saxony-Anhalt's universities and applied universities in EU-projects, international thematic networks and international research teams - networking towards higher participation of Saxony-Anhalt's universities and applied universities in EU-projects - promoting research collaboration - support project proposals and project management - contact point

Research, innovation, capacity development, and other collaboration interests

Saxony-Anhalt's universities and applied universities are interested in research and innovation as well as higher education over a broad range of topics e.g. related to Health, Food, Agriculture, Environment and Global change, Biotechnology/Bioeconomy, ICT, Nanoscience, Production Technologies, Energy, Tourism, Culture, Cultural heritage, Design.

Relevant publications

<http://www.euhochschulnetz-sachsen-anhalt.de>

Contact

Dr. Sigrid Köhne Martin-Luther-Universität Halle-Wittenberg EU Research representative Dept. 6 Research ; EU office south 06099 Halle (Saale), Germany Tel: + 49 (0)345 55 21303 Fax + 49 (0)345 55-27225 email: sigrid.koehne@verwaltung.uni-halle.de



Dr. Wulf Killmann
GIZ Program Director & Senior Advisor SPC/GIZ Coping with Climate Change in the Pacific Island Region (CCCPIR), Suva, Fiji Islands

Professional profile

Wulf Killmann is a German forester and holds a PhD in biology from Hamburg University. He has worked between 1976 and 1999 in forestry projects in various countries in Africa, Asia and Latinamerica, mostly in the field. From 1999-2009 he was Director of the Forest Products and Economics Division of FAO in Rome, and from 2000- 2009 also coordinator of FAO-s climate change activities. In this capacity he also represented FAO at the SBSTAs and COPs of UNFCCC. After having worked for two years in La Paz, Bolivia on REDD+ issues, he took in mid 2011 the helm of the regional SPC/GIZ Programme Coping with Climate Change in the Pacific Island Region.

Position

GIZ Program Director & Senior Advisor SPC/GIZ Coping with Climate Change in the Pacific Island Region (CCCPIR)

Relevant publications

Dr. Killmann authored and co-authored many publications, he was also a contributing author to the IPCC 4AR in 2007.

Contact

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wulf.killmann@giz.de



Dr. Sushil Kumar
USP
Suva, Fiji

Professional profile

About 20 years of experience in research and teaching at various universities and Institutes. MSc (Physics), PGD in Space Science & Applications, PhD (Physics) Ratu Sir Kamesese Mara Visiting Fellowship, Department of Physics, Otago University, Dunedin, New Zealand. Vice-Chancellor-s Prize for Research Excellence-2008-, The University of the South Pacific, Suva, Fiji. Research Associateship by Council of Scientific & Industrial Research(CSIR), Govt. of India.

Position

Associate Dean (Research & Graduate affairs).

Research, innovation, capacity development, and other collaboration interests

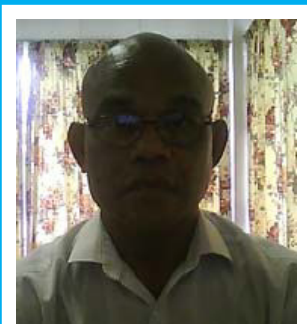
My research interests are in the areas; Remote sensing of upper atmosphere using ELF/VLF radio wave technique, Space Weather and its Technological Impacts, Natural Hazards and climate Change. I have published about 45 research papers in journals of international repute, have supervised research masters students, and have successfully completed several international collaborative projects.

Relevant publications

ASushil Kumar, F2-region response of geomagnetic storms at equatorial anomaly crest, *Physica Scripta*, Sweden, Vol. 72(1) 100-104, 2005. V. Ramachandran, S. Kumar, A. Kishore Remote sensing of cloud-to-ground lightning location using the TOGA of sferics, *Atmos. Res. Lett.*, 6, 128-132, 2005. Dowden et al. World-Wide Lightning Location Using VLF Propagation in the Earth-Ionosphere Waveguide, *IEEE Antennas and Wave Propagation* 50(5), 40-60, 2008.

Contact

Faculty of Science, Technology and Environment
The University of the South Pacific Private Mail Bag. Suva, Fiji. Ph. +679 - 323 2144, Fax: 323 1416 e_mail: kumar_su@usp.ac.fj



Boe Lahui-Ako
University of Papua New Guinea
Papua, New Guinea

Professional profile

Bachelor of Education (UPNG); Master in Educational Administration with Honours (University of New England, Australia); Graduate Certificate in Communication of Science & Technology (PNG University of Technology). Currently I manage the Office for Research together with the Dean of Research. I also coordinate the Education Program that is offered externally through our Open and Flexible Learning Program.

Research, innovation, capacity development, and other collaboration interests

Currently on the PNG National AIDS Council Secretariat's HIV/AIDS Research Capacity Building program. Attended three training courses so far in Research Methodology; communicating HIV/AIDS Research to Policy makers and Data Analysis and Interpretation on both qualitative and quantitative data. Conducting a HIV/AIDS related project on Double Orphans affected/infected by HIV/AIDS in PNG.

Contact

Boe Lahui-Ako University of Papua New Guinea P O Box 320 UNIVERSITY POST OFFICE National Capital District Papua New Guinea Telephone: 675 326 7502 Mobile: 675 73771714 Email: lahuib@upng.ac.pg; boe.lahui@gmail.com



Dr. Richard Langlais
Stockholm, Sweden

Professional profile

Langlais has been involved with numerous projects on the topic of integration of climate change adaptation and mitigation, with emphasis on multi-level governance, gender and municipal response to climate change emergencies. Funding has come from Sweden, the Nordic Council of Ministers, and the European Commission. His PhD (1995) is in human ecology, from Göteborg University, Sweden, on the topic of Inuit autonomy movements and their influence on the ecological security of arctic states. He is also Program Coordinator, International Master's Program in Human Ecology, "Culture, Power and Sustainability," at Lund University, Sweden.

Research, innovation, capacity development, and other collaboration interests

Langlais' current research is on the topic of how the notions of adaptation and mitigation can be integrated for concrete action, innovative policy-making and governance, to achieve synergies that can increase the speed of our societal response to the challenges of climate change.

Relevant publications

Langlais, R, 2009. A Climate of Planning: Swedish Municipal Response to Climate Change. In, *Planning for Climate Change: Strategies for Mitigation and Adaptation for Spatial Planners*, ed. S Davoudi, J Crawford, A Mehmood, 262-71. Earthscan. Langlais, R, & Dymén, C, 2009. Adapting to climate change in Swedish Planning Practice. Presented at the ACSP 50th Anniversary Annual Conference, 1-4 October 2009, Crystal City, VA, USA.

Contact

Richard Langlais FOI SE-16490 Stockholm Sweden tel: +46 73 500 8033 e-mail: richard.langlais@foi.se



Dr. Geoffroy Lamarche
Principal Scientist National Institute of Water and Atmospheric research (NIWA) Wellington
New Zealand

Professional profile

PhD in geology and geophysics from Grenoble Uni (1987). Leader of NIWA's Ocean Geology research group who undertakes both science research work and commercial consultancy. Programme Leader of the national core-funded research programme Marine Physical Resources. Leader of international collaborative research projects with research groups in France, the UK, Australia and the US. Has led 7 ocean voyages - Principal Investigator of the New Caledonia-New Zealand project, on Historical Tsunami in Wallis & Futuna (2008-12). - Member of the NZ Continental Shelf Project Advisory Group (UN Convention for the Law of the Sea). - Chairman of the international Geological Habitat Mapping conference, Wellington (2010). - PI of the French-NZ-USA-Germany research consortium, MATACORE, studying the impact of rapid or abrupt climate change on NZ ocean systems (2006-08). Coordinator of the Pacific Fund project. Conséquences des changements climatiques sur l'environnement océanique du sud-ouest Pacifique, with an operating budget of -100k (2006-08).

Position

Principal Scientist, Geology and Geophysics
Programme Leader, Marine Physical Resources

Research, innovation, capacity development, and other collaboration interests

Expertise in Marine geology and geophysics; Seafloor habitat and resources mapping; Fundamental processes of plate tectonics; Natural geological hazards ; Geophysical data acquisition, processing and interpretation; Paleoclimate and sea-level change blue sky science to applied consultancy, with focus on geological hazard; seafloor substrate and habitat mapping from remote sensed data; and submarine massive sulphide

Relevant publications

Lamarche et al. 2011. Continental Shelf Research. 31:S93-S109
Lamarche et al. 2010. Marine Geology. 271: Lamarche et al. 2008. Geochemistry Geophysics Geosystems. 9:Q04001
Lamarche et al. 2006. Tectonics. 25:TC4005
Lamarche et al. 2005. Tectonics. 24:TC4004

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Lisa Gloria Larry
Research, Science and Technology, PNG Office of Higher Education
Port Moresby, Papua New Guinea

Position:

Executive Officer - PNG Science & Technology Council Oversees the Office of Higher Education Science & Technology Initiative Desk, responsible for managing activities in the office relating to Research, Science & Technology.

Contact

Ms. Lisa Gloria Larry Executive Officer - PNG Science and Technology Council PNG Office of Higher Education P.O Box 5117 BOROKO 111 National Capital District, PNG (675) 301 2061 lisa.gloria@ohe.gov.pg www.ohe.gov.pg



Prof. David Lecchini
CNRS
Moorea, Polynésie Française

Professional profile

Biography of David Lecchini Professional Preparation Jan 2011 Directeur d'études EPHE Ecology of fish larvae Dec 2009 HDR Univ Provence Perception information in fish 2006-2010 Chargé de recherché IRD Ecology of fish larvae 2004-2005 Postdoctoral fellow, Lab Ecology & Systematics, Univ. Ryukyus, Japan 2003 Postdoctoral fellow, Smithsonian Institution, Washington, USA 2000-2003 PhD. Student, Lab Tropical Ichthyoecology, USR3278 CNRS-EPHE Five selected publications (46 articles, 17 workshops, h-index=10) Responsibles of national / international projects «Amélioration des techniques de capture des larves de poissons (Calédonie et Polynésie française)». Financement: Agence française de développement (44.943 €, 2010) «Tester l'innocuité écologique des captures de larves marines dans le Pacifique». Financement: Fond Français pour l'Environnement Marin (50.000 €, 2011/2012) «Coral reef ecology and survey methods workshop (workshop – University of the South Pacific - Fiji)». Financement: Agence française de développement (10 000 € en 2006, 15 000 € en 2009, 10 000 € en 2012) Student Advisors: 28 students in Licence, Master and PhD.

Research, innovation, capacity development, and other collaboration interests

My research explores the perception of information used by coral reef fish larvae to recruit on a reef habitat (physiological & behavioral exp); the nature of chemical and acoustic cues responsible for larval attraction (chemical & acoustic analysis); the spatial cognition of fish larvae at recruitment (neuroscience exp); how natural and human perturbations modify the nature of sensory cues responsible for larval attraction.

Relevant publications

Lecchini et al 2007. Ontogenetic changes in habitat selection during settlement in a coral reef fish: ecological determinants and sensory mechanisms. Coral Reefs Lecchini et al 2010. Ecological determinants & sensory mechanisms in habitat selection of crustacean larvae. Behavioral Ecology Lecchini et al 2011. Extreme climatic events reduce ocean productivity and larval supply in a tropical reef ecosystem. Global Change Biology

Contact

CRIOBE, USR3278 CNRS EPHE, BP 1013 Papetoai, 98 729 Moorea Polynésie française Tel : (689) 56 13 45 Fax : (689) 56 28 15 E-mail : lecchini@univ-perp.fr



Dr. Desmond LeeHang
NUS
Apia, Samoa

Position:

Dean of the Faculty of Science at the National University of Samoa. Oversee 35 staff across three departments including Computing, Mathematics and Science.

Contact

P.O. Box 481, Apia Samoa Tel: (+685) 20072 ext 313 Email: d.leehang@nus.edu.ws



Dr. Patrick Lehodey
CLS, Space Oceanography Division
Ramonville, France

Professional profile

PhD thesis in marine biology and fishery sciences Principal Fisheries Scientist of the Tuna Ecology and Biology team at the Oceanic Fisheries Programm of the Secretariat of the Pacific Community Member of the Scientific Steering Committee of the International GLOBEC program(2000-2006) Co-Chair of the GLOBEC-IMBER CLIOTOP (Climate Impact on Oceanic Top Predators) programme (2004-2009).

Research, innovation, capacity development, and other collaboration interests

Our team is developing new approaches for modeling spatial population dynamics and marine ecosystems from physics to fishers. Our objectives are to provide new management and monitoring tools, combining satellite technology and numerical modeling, to help in the conservation of protected species and the sustainability of marine exploitation. We have collaborations with many agencies in the Pacific and Europe.

Relevant publications

Lehodey et al (2011) Vulnerability of oceanic fisheries in the tropical Pacific to climate change. In Bell et al (Ed.), SPC New Caledonia
Lehodey et al (2010) Preliminary forecasts of population trends for Pacific bigeye tuna under the A2 IPCC scenario. Progr Oceanog 86: 302-315
Lehodey et al (2008). A Spatial Ecosystem And Populations Dynamics Model (SEAPODYM) - Modelling of tuna and tuna-like populations. Prog Oceanog 78: 304-318

Contact

CLS, Space Oceanography Division, 31520 Ramonville, France. Phone: +33 561 393 770, email: plehodey@cls.fr, <http://www.cls.fr>



Fadhila Le Meur
PACE-Net Project Manager, IRD,
Noumea, New Caledonia

Professional profile

Fadhila Le Meur has held the position of European Project Manager for IRD since March 2011. Her previous experiences in the research field include:

- 15 years translating/copywriting/editing scientific papers/books from English or German into French (Masters in Scientific and technical translation & documentation from the University of Montpellier).
- Several experiences in organising international conferences/meetings for the University of Hohenheim, Stuttgart and the University of Mainz, Germany.
- Focus on SSH & Development research field.

Contact

IRD, 98800 Noumea, New Caledonia. Phone: +687 260797, email: fadhila.lemeur@ird.fr



Dr. Matthieu Lengaigne
IRD/LOCEAN
Paris, France

Professional profile

Academic background: PhD in Oceanography
Key Qualifications: Climate Variability and Change
Cyclones El Niño Impacts of climate variability

Relevant publications

Vincent, E. et al, 2011 : Interannual variability of the South Pacific Convergence Zone and implications for Tropical Cyclone genesis, *Clim. Dyn.*
Levy M. et al., 2011 : Contribution of hurricanes to the air-sea CO2 flux : a global view, *GBC*
Collins M., et al., The impact of global warming on the tropical Pacific and El Niño , *Nature* [15]
Lengaigne, M. et al., 2010: Contrasting the termination of moderate and extreme El Niño events, *Clim Dyn*

Contact

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lengaign@locean-ipsl.upmc.fr



Dr. Lionel Loubersac
Delegate in New-Caledonia Ifremer
Noumea, New Caledonia

Professional profile

Engineer in the field of water and environment. Specialization in Remote sensing and Digital Image Processing (French Petroleum Institute). PhD in sciences (Marine Ecology and Remote Sensing in the Pacific), University of Toulouse
Key qualifications : Marine coastal environment, scientific support to public policies in the domains of Sustainable Development and valorization of coastal/marine resources. Involved in New-Caledonia Marine Strategy
Technical skills : Spatial information, Applications of Earth Observation and Geofenced Information Systems. Achievements : from 2002 to 2007, head of the Ifremer Laboratory « Marine Environments and Resources » of Languedoc Roussillon in Sète (France); from 1997 to 2002 head of the Operational Application Service in Ifremer Brest center (France); from 1992 to 1997. in charge of the development of GIS applications at Ifremer Brest center (France) ; from 1988 to 1992 : head of the Polynesian Remote Sensing Facility in Tahiti French Polynesia (partnership between French Polynesia Territory and Ifremer); from 1984 to 1988 : Head of the Remote Sensing Application Service in Ifremer Brest Center (France) ; from 1974 to 1984 Scientist i) setting up of an airborne detection system of hydrocarbon spills at sea, ii) head of the Pacific TEMPO Project, iii) in charge of the French satellite SPOT image simulation programme over coastal environments iiiii) head of missions and response interventions in Brittany, Mediterranean, Ivory Coast and Indonesia for studies on chronic or accidental pollution

Position

Delegate of Ifremer in New Caledonia and head Research Unit "Lagoons, Ecosystems and Sustainable Fish farming- (LEAD / NC). Team of 35 researchers and technicians, more trainees, PhD students specialized mainly in the scientific and technological support for the marine fish farming, the the management of the biodiversity and MPA.

Research, innovation, capacity development, and other collaboration interests

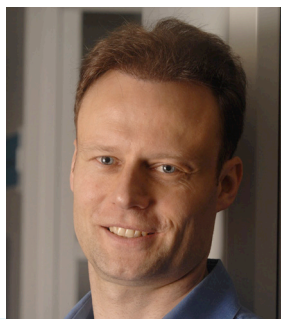
Bringing science and technical innovation closer to public policies in the field of marine resource/biodiversity sustainable exploitation and environmental management. Developing, in the Pacific region, operational observation and monitoring systems (from data acquisition to information communication i.e. including technologies, sampling strategies, data management and banking, data validation, indicators, dashboards, facing global change.

Relevant publications

1994 LOUBERSAC L. Mémoires de l'Institut Océanographique de Monaco n° 18 pp 75-84. 2000. POPULUS J., LOUBERSAC L. -Geomatics and Coastal Environment-, Ifremer/Shom n°25, 317p. 2003 - LOUBERSAC L. "Processing of Remote Sensing data" Balkema Publishers 486 pages. 2006 - LOUBERSAC I. et al. SYSCOLAG Vie et Milieu, Vol 56, n°4 pp 265-274 2010. Loubersac L et al. -Coastal and Marine Geospatial Technologies-, 13 DOI. Springer Science.

Contact

Professionnal address: IFREMER, Délégation Ifremer de Nouvelle Calédonie BP 2059 98846 Nouméa . Nouvelle Calédonie Phone : (687) 280730 Cellular : (687) 763208 E-Mail : lloubers@ifremer.fr Web site : <http://www.ifremer.fr/ncal/>



Prof. Juerg Luterbacher
Department of Geography, JLU
Giessen, Germany

Professional profile

10/2010: deputy head department of Geography
04/2009 Full Professor (Chair) for Physical Geography/Climatology at the Justus-Liebig-University of Giessen, Germany. Visiting Professor Chinese Academy of Science, Beijing, China Guest Professor University of Bern 2008-03/2009 Head Regional to Continental Climate Dynamics group, within the Oeschger Centre of Climate Change Research (OCCR) Workpackage leader Paleoclimatology NCCR Climate (www.nccr-climate.unibe.ch), University of Bern. - Lead author in chapter 5 'Information from Paleoclimate Archives' of the 5th IPCC Report - Expert Reviewer of the IPCC Special report on "Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation" - Scientific Advisory Board (SAB) member of the Catalan Institute for Climate Sciences, Barcelona, Spain - Responsible for PAGES Focus 2k theme: Regional Climate Change for the last 2000 years in Europe and the Mediterranean - Member of task team on land meteorological data rescue as part of the incipient International Surface Temperatures Initiative (www.surface temperatures.org) Awards: 2011: Scientific Research Expert of the Academy of Athens, Greece 2010: Senior Visiting Scientist Award of the Chinese Academy of Science 2008: Credit Suisse Award for Best Teaching, University of Bern 2006: Bjerknes Lecture 2006 (Bjerknes Center of Climate Research, Bergen, Norway), outstanding researcher in past climate research.

Research, innovation, capacity development, and other collaboration interests

Research areas: Climate dynamics and synoptical climatology; analysis of weather and climate extremes (heat waves, floodings, storms), natural hazards, impacts on society and environment, Late Holocene climate change, past and present climate variability and role of forcings factors (sun, volcano, land use, anthropogenic) Funding sources for research projects: European Union; DFG, State of Hesse, Swiss Science Foundation

Relevant publications

Luterbacher, J. et al. 2004: European seasonal and annual temperature variability, trends, and extremes since 1500, *SCIENCE* 303, 1499-1503.
Barriopedro, D., Luterbacher, J. et al 2011: The hot summer of 2010: redrawing the temperature record map of Europe, *SCIENCE*, 332, 220-224.
Hegerl, G., Luterbacher, J., et al., 2011: Influence of human and natural forcing on European seasonal temperatures. *NATURE GEOSCIENCE*, 4, 99-103.

Contact

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Morgan Mangeas
Researcher in applied mathematics, modelling
Research Institute for Development
New Caledonia

Brief description of your past, ongoing and future project(s)

Past and ongoing projects:

- Influence of climate on dengue dynamics, applications of modelling to explain and forecast outbreaks in New-Caledonia (French Government Grants)
- Dynamic life-table simulation entomological model that produces mean-value estimates of infected vector (IRD grants).
- Evaluation of the impact of climate change (French National Agency for Research, European project)

Future projects:

- extension of this research to the Pacific Area

Research, innovation, capacity development, and other collaboration interests

I am currently heading the research unit ESPACE-DEV at the Research Institute for Development in New-Caledonia: 12 members, 3 scientific fields (modelling, remote sensing, social sciences). For one year, In 2007, I was Assistant Professor at the University of New-Caledonia in the ERIM team where I taught applied mathematics and computer sciences. I became senior researcher at IRD in 2003, working on knowledge discovery, spatial information in environment. I started my career of researcher at IFSTTAR (transport and security research) in France in 1999 just after a position of visiting researcher at the University of Colorado in 1996. My application fields cover ecosystem modelling and disease dynamic modelling.

Contact

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Prof. Maria Manez
Helmholtz Center Geesthacht Climate Service Center
Hamburg, Germany

Professional profile

Diplom in Physical Geography. Doctoral degree in Agricultural Economics.

Research, innovation, capacity development, and other collaboration interests

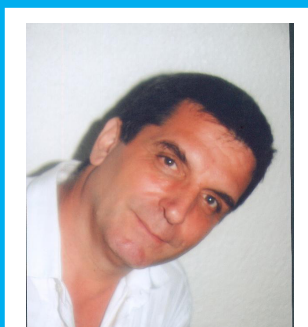
investigate the need of society for advice regarding questions related to the climate - be a link between climate-researchers and climate-advisors in Germany - integrate research data on the climate-induced migration and preparing this for the needs of clients - provide this information to customers via products, which are sector-specific and tailored to suit client needs - coordination of feedback from practitioners to scientists

Relevant publications

Máñez Costa, M. and Scheffran, J. (2011): Die Flucht von Klimawandel Máñez Costa, M, Moors, E. and E. Fraser (2011): Socio-economic settings and climate change: Which is driving vulnerability in southern Portugal- Ecology and Society 16(1): 28 Máñez Costa, M (2011) A participatory framework for conservation payments. Land Use 28 (2) 423-433

Contact

Department of Economics and Policy Helmholtz Center Geesthacht Climate Service Center (CSC) Chilehaus, Eingang B Fischertwiete 1 20095 Hamburg E-Mail: maria.manez@hzg.de <http://www.climate-service-center.de>



Dr. Laurent Maggia
Head of Institut Agronomique néo-Calédonien (IAC)
Nouméa New Caledonia

Professional profile

Dr. Laurent Maggia, Cirad's agent, is a research scientist (HDR) interested in the development and application of molecular markers in population genetics and evolution for tropical tree. He made his doctoral thesis of genetic population and evolution at the University of Paris VII in France. He has 25 years research experience on molecular ecology and evolution of several tropical organisms (ORSTOM/Senegal; CRBF - U. Laval/ Quebec Canada; CIRAD/French Guiana and New Caledonia).

Position

Representative of the Cirad in New Caledonia
Head of IAC's "Biological and functional diversity of terrestrial ecosystem" department.

Research, innovation, capacity development, and other collaboration interests

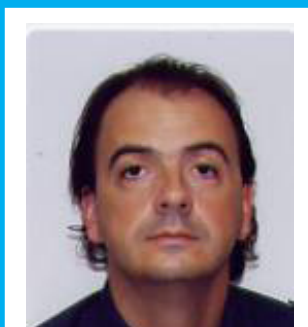
Dr. Laurent Maggia has been involved in different research projects on nitrogen fixation, molecular phylogeny and evolution, and forest genetic variation of tree population.

Relevant publications

Barthe et Al. Always Look on Both Sides: Phylogenetic Information Conveyed by Simple Sequence Repeat Allele Sequences. PLoS ONE 7(7): e40699. doi:10.1371/journal.pone.0040699
Verhaegen et Al. Structure and genetic diversity of *Ixora margaretae* an endangered species. TGG, DOI 10.1007/s11295-012-0575-7
Barrabé et Al. Delimitation of the genus *Margaritopsis* (Rubiaceae) in the Asian, Australasian and Pacific region. Taxon 61(6): 1251-1268

Contact

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Dr. Christophe Maes
Researcher
IRD
Toulouse, France

Professional profile

Physical oceanographer at IRD since 2000 chief scientist of 4 oceanographic cruises in the southwest Pacific Main topics are related to the climate change, ocean dynamics in the tropical Pacific Ocean and deoxygenation Author and co-author of more than 30 papers in geoscience journals.

Position

Physical oceanographer at IRD

Research, innovation, capacity development, and other collaboration interests

Capacity development in training young scientists from master up to PhD.

Relevant publications

Sudre et al, On the global estimates of geostrophic and Ekman surface currents, LOFE, 2013. - Maes et al, Detection of the eastern edge of the equatorial Pacific warm pool using satellite-based ocean color observations, SOLA, 2010. - Maes, C., On the ocean salinity stratification observed at the eastern edge of the equatorial Pacific warm pool, JGR, 2008. - Maes et al., Importance of salinity barrier layer for the buildup of El Niño, JCLIM, 2005

Contact

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Prof. Jean-Francois Marini
CNRS representative in Oceania
IRD,
Noumea, New Caledonia

Professional profile

Jean-François Marini is a University Professor, Doctor in enzyme engineering and microbiology. For the first twenty years of its career, he worked in laboratories associated to INSERM (National Institute of Health and Medical Research) and CNRS (National Center for Scientific Research) in the Universities of Marseille, Paris and, lastly Nice, orienting his researches towards biology of adaptation. He published around 50 publications in first order scientific journals before serving, for the last ten years, the French research policy as a delegate and/or counselor for the French Ministry for Higher Education and Research, the French Ministry of Foreign and European Affairs and IRD - CNRS. During these last ten years he was the Delegate for research and technology at the High Commission of the French Republic in New Caledonia, coordinating actions such as the first Symposium on French Research in the Pacific, then he was Scientific Counselor at the French Embassy in Canada, before being the Counselor for Cooperation at the French Embassy in Vanuatu. Finally (2008 - 2012), he was the IRD Representative in Chile, Argentina, Uruguay and the Director of the Office for Latin America of the CNRS. He recently joined the Noumea IRD research center and is currently Representative of the CNRS in Oceania.

Position

CNRS representative in Oceania

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Dr. Elodie Martinez
Chargé de recherche IRD
Marseille, France

Professional profile

Received a PhD in Physical Oceanography at the University of French Polynesia (Tahiti) in collaboration with IRD Nouméa in 2006, on climate impacts on thermocline waters of Central South Pacific. From 2006-2007, worked as post-doctoral researcher at the Institute of Pacific Research Center (University of Hawaii) on biotic interactions in the meso-pelagic layer. From 2007-2011, worked as post-doctoral researcher at Laboratoire d'Océanographie de Villefranche on decadal variability of phytoplankton and the underlying physical processes at global scale and in the Atlantic Ocean using remote sensing. Since november 2011, researcher at IRD working on island mass effect and climate variability in the central Pacific.

Research, innovation, capacity development, and other collaboration interests

My research explores the impacts of climate changes on phytoplankton productivity and the underlying physical-biological interactions in the central South Pacific. A part of a coming project is going to focus on the impacts of the observed phytoplankton variability at interannual to decadal scales on the pelagic fisheries in the central Pacific. Ocean colour remote sensing data are combined with other satellite data and numerical modelling.

Relevant publications

Martinez et al, Climate-driven basin-scale decadal oscillations of oceanic phytoplankton (Science 2009). Martinez et al, Climatic variability on the central South Pacific thermocline water (JGR 2009). Lo-Yat et al, Climatic cycles as drivers of ocean productivity and larval supply in a tropical reef ecosystem (GCB 2010). Martinez et al, Island mass effect in Marquesas islands (GRL 2004).

Contact

Elodie Martinez Chargé de recherche IRD MIO - UMR 7294 Case 901, Campus de Luminy, 13288 Marseille 9, France Phone: +33 (0)4 91 82 95 60 http://www.obs-vlfr.fr/LOV/OMT/personnes/z_mart_el/mart.php



Prof. Teatulohi Matainaho
School of Medicine and Health Sciences University of Papua New Guinea
Papua, New Guinea

Professional profile

PhD from the University of Queensland, Brisbane, Australia

Research, innovation, capacity development, and other collaboration interests

Interest in natural products drug discovery, development of traditional medicine, snake venom research, intellectual property rights and development access benefit sharing in biodiversity management.

Relevant publications

Publications in natural products chemistry and pharmacology

Contact

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Dr Karen McNamara
Research Fellow
Pacific Centre for Environment and Sustainable Development, University of the South Pacific
Suva, Fiji Islands

Professional profile

PACE-SD endeavours to promote integrated research of regional relevance and international standard in the area of environment and sustainable development. The major goal of our research is to promote targeted and integrated work on environment and natural resource issues with a view to promoting sustainable development. Staff at PACE-SD has expertise in community-based work, agro-forestry, oceanography, food security, environmental education and ESD, sustainable livelihoods, fisheries and climate modeling. Moreover, PACE-SD provides teaching and training initiatives. In terms of formal training, PACE-SD staff teach subjects including: 'climate change impacts, vulnerability and adaptation', 'climate science' and 'disasters risk assessment and management'.

Research, innovation, capacity development, and other collaboration interests

- Community-based climate change adaptation (including traditional knowledge)
- Population displacement due to environmental change
- Disaster risk reduction and management (including traditional knowledge)
- Development, gender and sustainable livelihood studies
- Participatory action research methodologies

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Dr Patrick Matschoss
Finnish Institute of International Affairs (FIIA)
Helsinki, Finland

Professional profile

Being an economist by training, Patrick has dealt with climate change and energy policy throughout his whole career. Before he joined the Finnish Institute of International Affairs he was the head of the IPCC's working group III technical support unit, managing and editing the recently released special report on renewable energies and setting up the upcoming 5th assessment report. Before that he was a climate change policy and energy economic expert for the German Advisory Council on the Environment. Furthermore, he worked as a consultant for UNIDO on CDM-related issues. Patrick holds a phd where, in an economic modelling exercise, he analysed the interrelations between international emissions trade and induced technical change.

Research, innovation, capacity development, and other collaboration interests

research collaboration on adaptation and mitigation policies PSIDS - renewable energy policies - mitigation and general energy policies

Relevant publications

IPCC Special Report on Renewable Energy Sources and Climate Change Mitigation (ed.) (2011); Prepared by Working Group III of the Intergovernmental Panel on Climate Change (with O. Edenhofer et al) Emissions trading & competitiveness: lessons from Germany (2009); Climate Policy 9, pp. 316-29 (with S. Hentrich, P. Michaelis) The programmatic approach to CDM: benefits for energy efficiency projects (2007); Carbon & Climate Law Review 2, pp. 117-26

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Dr. Katrin Meissner
University of New South Wales
Sydney, Australia

Position

Associate Professor ARC Future Fellow

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Thierry Menneson
DG SEM Mwe Ara
Nouméa, New Caledonia

Professional profile

Master in Management and development of local collectivities, University of Bordeaux - Lecturer in Public administration, University of New Caledonia - 2000-2004 : member of Executive Council of Asian-Pacific Association of Agriculture Research Institutions (APAARI) 2004-2006 : Vice-chairman of APAARI 2004 à 2010 : Membre of Steering Committee of Asian Pacific Consortium on Agricultural Biotechnology 2008 à 2011: Membre of the scientific council of the Atlas of New Caledonia.

Position

I presently work in a private company in charge of developing a large area on the West coast of New Caledonia. This development based on tourism and agriculture has to respect environment and sustainable development principles, in association with local population, mainly native kanak.

Research, innovation, capacity development, and other collaboration interests

My areas of research are centred on question of socio-economy in agriculture, equity in development, local development, and local agreements in New Caledonia. For the past 11 years, I was in charge of creation and management of the first research centre in agriculture of NC, in partnership between provinces of NC, local and French government, and CIRAD.

Relevant publications

«Communautés, Calédoniens et environnement minier », in RJPNC (2006) - Report on Research Needs Assessment and Prioritization of Agricultural Research for Development in the Pacific Region ; R. Ghodake, T. Menneson (APAARI 2005) À la recherche des politiques rurales en Nouvelle-Calédonie, Sourisseau and al, (2010) Horizontal and vertical diffusion: the cumulative influence of IBAs on mining policy production in NC (in prep, Ecomineral).

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Dr. Jean-Yves Meyer
Research scientist
French Polynesia Research Department Papeete
French Polynesia

Professional profile

Jean-Yves MEYER (PhD, University of Montpellier 1994, Post-doctoral research scholar, University of Hawaii 1997, Scientific Director, Conservatoire Botanique National de Mascarin, La Réunion Island 2001, Research Associate in Botany, National Tropical Botanical Garden of Hawaii 2008) is a research scientist working at the Délégation à la Recherche, Government of French Polynesia, since 2002. A plant ecologist, field botanist and conservation biologist, and a recognized expert on invasive alien species (member of the IUCN Invasive Species Specialist Group), he is actively involved in research studies on the native and alien flora and fauna of French Polynesia, and organizes multidisciplinary field-expeditions to remote islands. He collaborates as a consultant on numerous island biodiversity and biological invasion initiatives across the Pacific (South Pacific Regional Environmental Programme, Pacific Invasives Learning Network, Conservation International Micronesia-Polynesia Hotspot, IRD New-Caledonia, National Park of Rapa Nui, Service de l'Environnement of Wallis & Futuna). A guest Lecturer for the Université de Polynésie française and for the Gump South Pacific Research Station on Moorea, he advises and mentors undergraduate/graduate/doctoral/post-doctoral students working in French Polynesia, with projects in the areas of botany, plant ecology, conservation biology, island biodiversity and invasive species management.

Position

Chargé de recherche, Délégation à la Recherche, Gouvernement de la Polynésie française Research scientist at the French Polynesia Research Department

Relevant publications

Spotswood, E., Meyer, J.-Y. & Bartolome, J. 2012. An invasive tree alters the structure of seed dispersal networks between birds and plants on islands. *Journal of Biogeography* 39(11): 2007-2020. Kueffer, C., Daehler, C.C., Torres-Santana, C.W., Lavergne, C., Meyer, J.-Y., Otto, R. & Silva, L. 2010. A global comparison of invasive plant species on oceanic islands. *Perspectives in Plant Ecology, Evolution and Systematics* 12(2): 141-165.

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tel: (689) 47 25 60 fax: (689) 43 34 00 email: jean-yves.meyer@recherche.gov.pf weblog: www.jymeyer.com



Prof. Gaertner-Mazouni Nabila
Direction of Research Unit n°241
University of french Polynesia
Faa'a, French Polynesia

Position

Professor in marine ecology, I assume the direction of a new research unit, created in 2012 for five years, in French polynesia (UMR- EIO, N°241). This research unit associates four institutions (university of French Polynesia, IFremer, IRD and ILM) with a total of 80 persons. I also assist M Pelletier as Co-Director of the GOPS.

Contact

Prof. Nabila Gaertner-Mazouni- University of French Polynesia- UMR-EIO- BP 6570 98702 Faa'a - Polynésie française, Tahiti
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Dr. Claus Milkereit
Helmholtz Centre Potsdam GFZ German Research Centre for Geosciences
Potsdam, Germany

Professional profile

1989-2000 Scientist in the Turkish-German earthquake prediction research project near Istanbul, focus on geodynamics and multi-parameter observation 1996-2000 Seismology and seismic early warning (SABOnet) 2000-2002 Microzonation studies in Germany and Turkey 1999-2004 Task Force missions after earthquakes in Turkey 2004-2005 Capacity building project Kabul/Afghanistan Since 2005 Head of the International Training Courses since 2005 Several international projects on seismic early warning.

Research, innovation, capacity development, and other collaboration interests

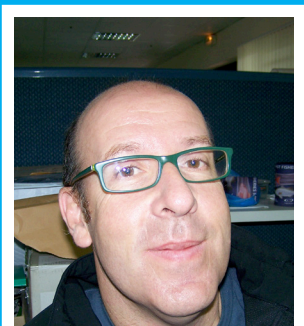
Research in the field of geodynamics and stress concentration -Development of low-cost self-organising seismic early warning systems -Organisation and successful realisation of more than 15 international training courses on "Seismology and Seismic Hazard Assessment" (Germany, China, Central Asia, western Pacific, Indonesia, Central America).

Relevant publications

Fleming, K.; Picozzi, M.; Milkereit, C. (2009): The Self-organizing Seismic Early Warning Information Network (SOSEWIN). *Seismological Research Letters*, 80, 5, 755-771. Milkereit, C.; Grosser, H.; Wang, R.; Karakisa, S.; Zünbül, S.; Zschau, J. (2004): Implications of the 2003 Bingöl earthquake for the interaction between the North and East Anatolian fault systems. *Bulletin of the Seismological Society of America*, 94, 6, 2400-2606.

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GFZ German Research Centre for Geosciences
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331 2881297



Dr. Simon Nicol
Secretariat of the Pacific Community, B.P. D5
Noumea, New Caledonia

Professional profile

Qualifications PhD. University of Melbourne, Australia Experience Over twenty years fisheries and aquatic ecology research and science administration experience. Awards 2003 David Ashton Award for outstanding Achievement in biodiversity research Publications Over 50 peer-reviewed publication and over 50 technical reports.

Research, innovation, capacity development, and other collaboration interests

Research Population dynamics and conservation biology Innovation Application of statistical and mathematical models to fisheries management Capacity development Increasing capacity of Pacific Island fisheries scientist to participate in national and regional science and resource management Collaborative interests ecological risk assessment, fisheries oceanography, statistical and mathematical modelling, bio-economics.

Relevant publications

Lehodey et al. 2011. Vulnerability of oceanic fisheries in the tropical Pacific to climate change. In Vulnerability of Tropical Pacific Fisheries and Aquaculture to Climate Change. Secretariat of the Pacific Community: pp 447-506. Morato et al. 2010. Tuna longline fishing around west and central pacific seamounts. PLoS ONE, 12: e14453. Morato et al. 2010. Seamounts are hotspots of pelagic biodiversity in the open ocean. PNAS, 107: 9707-9711.

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email: simonn@spc.int web: www.spc.int/oceanfish



Cleo Paskal
Chatham House
London, United Kingdom

Professional profile

Cleo Paskal specializes in the geopolitical, security, and economic implications of environmental change. She has written extensively on how climate change will affect geopolitics and security in the South Pacific. She has guest lectured at universities on most continents, including Cambridge University, Northwestern University, the London School of Economics and Auckland University. She has briefed a wide range of stakeholders, including the US Department of Energy, US Department of State, UK Ministry of Defence, EU, NATO, OSCE, GFF, the Kingdom of Tonga, CEOs from major global corporations, and government strategic experts from over 30 countries. Cleo Paskal has contributed to, among others, the Sunday Times, Telegraph, Wired and The Economist. She had a column in the Tonga Chronicle, and currently writes for the Huffington Post. Her academic work has appeared in International Affairs, the Journal of International Security Affairs, The World Today, The China and Eurasia Forum Quarterly, and Crisis Response Journal, among others. She has hosted BBC radio shows and wrote an Emmy-winning documentary TV series. Her best-selling book *Global Warring: How Environmental, Economic, and Political Crises Will Redraw the World Map* (Palgrave Macmillan, 2010), won the Grantham Prize's Award of Special Merit and the Mavis Gallant Non-Fiction Prize.

Relevant publications

- Rebuilding Sandcastles, *The World Today*, July 2011
- US-Pacific Relations: Pacific-Minded, *The World Today*, April 2011
- Why the West Is Losing the Pacific to China, the Arab League, and Just About Everyone Else, *Huffington Post*, November 2010
- Strange Case of the Disappearing Islands, *New Zealand Herald*, April 2010
- Global Warring: How Environmental, Economic, and Political Crises will Redraw the World Map, Palgrave Macmillan, 2010

Contact

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Dr. Fanny Pascual
Senior lecturer and PACE-Net Multiplier
University of New Caledonia
Nouméa , New caledonia

Professional profile

PhD in contemporary History: “The Special Air Service Brigade during WWII” Certificate in International Law at the Graduate institute in Geneva.

Position

Vice-director of social and Humanities department at University of New Caledonia Representative of the social and humanities department at the international office. Co-director of the University Degree in History of Art at UNC.

Research, innovation, capacity development, and other collaboration interests

researcher for the research project financed by the National Agency of Research in France: “Present of the Past” (Montpellier III) Multiplier in New Caledonia for PACE-Net.

Relevant publications

«Le patrimoine calédonien oui, mais quel patrimoine - » seminar on law aspects on cultural and natural heritage in New Caledonia, (UNC), 2012, Nouméa. « La couleur des coquelicots dans le Pacifique Sud - Australian War Memorial & Auckland War Memorial »,seminar (Montpellier III) entre histoire et mémoire, la guerre au musée - approches comparées, 2012, Craonne. « La guerre du Pacifique vue de l'arrière,», Hermès, automne 2012.

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Dr. Pascal Pagand
University of New Caledonia
Numea, New Caledonia

Professional profile

Docteur de l'Université de Montpellier I Formation doctorale: Hydrologie (Sciences de l'eau et aménagement)

Research, innovation, capacity development, and other collaboration interests

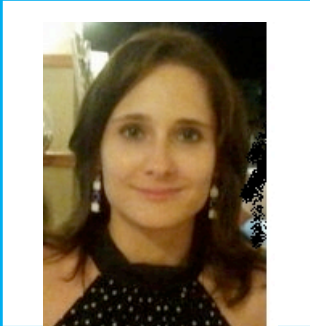
Valorization of organic waste from waste water treatment plant for vegetalization of degraded mine sites.

Relevant publications

Pagand, P., Blancheton, J.P. et Casellas, C., 2000. A model for predicting the quantities of dissolved inorganic nitrogen released in effluents from a sea bass. *Aquaculture Engineering* 22 : 137-153. Pagand, P., Blancheton, JP., Lemoalle, J. et Casellas, C. 2000. Use of high rate algal ponds for the treatment of marine effluent... *Aquaculture research* 31: 729-736 Metaxa, P. Deviller, G. Pagand, P. Alliaume, C. Casellas, C., Blancheton J.P. 2006.

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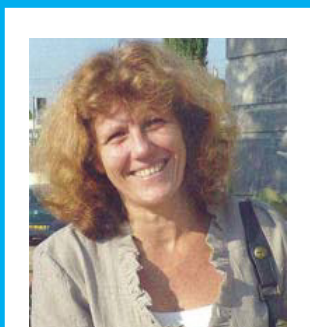
Šárka Pavlová
Collecte Localisation Satellites
Bruxelles, Belgium

Research, innovation, capacity development, and other collaboration interests

Marine Ecosystem Modelling Ocean Modelling
Management of marine resources Environmental surveillance

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Prof. Claude Payri
PACE-Net Project Coordinator, IRD
Noumea, New Caledonia

Professional profile

Graduated (MS & PhD) in marine ecology from the University of Sciences and Technology (Montpellier, France). Formerly Professor at the University of French Polynesia (1989-2004). Leader of Master of coral reef and marine environmental science programme at UPF. Currently senior professor at the Institute of Research for Development in New Caledonia. Research activity include supervision of PhD students from University of Pierre & Marie Curie (Paris). Studied coral reef ecology (marine plant communities) for over 30 years in the Indo-Pacific region. coordinator or participant of local, regional and international scientific programmes. Co-authored 60 scientific publications and book on Marine flora from French Polynesia, and co-edited the 2006 Compendium of marine biodiversity of New Caledonia. She is PACE-Net Project Coordinator.

Research, innovation, capacity development, and other collaboration interests

Current research activity on diversity and biogeography of macroalgae and seagrasses associated to Indo-Pacific coral reefs; assemblages composition and zonation of macrophytes; expertise on macroalgae invasion and proliferation in coral reefs; extensive field work in Indo-Pacific region.

Relevant publications

Bittner L., Payri C., et alii. 2011. Molecular Phylogenetics and Evolution, 2011, 61 (3), p. 697-713. Mattio L., Payri CE. 2011. Botanical Review, 2011, 77 (1), p. 31-70 Payri CE. 2011. The Natural History of Santo, Paris (FRA), Marseille (FRA), Paris : MNHN, IRD, Pro-Natural International, 2011, p. 337-368. (Patrimoines Naturels). Le Gall L., Payri C., et alii. 2010. Molecular Phylogenetics and Evolution, 2010, 54 (1), p. 302-305.

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Dr. Bernard Pelletier
Director GOPS- senior researcher IRD
Nouméa, New Caledonia

Professional profile

On land geology (Taiwan, Vanuatu, Wallis and Futuna and New Caledonia) and marine geology (mainly in Southwest Pacific: Tonga-Kermadec and Vanuatu margins, North Fiji and Lau-Havre basins, Wallis&Futuna, New Caledonia and French Polynesia EEZs). Structure and evolution of active margins, island arcs and back-arc basins. Tectonics, active faulting, seismic and tsunami hazards, sea level variation. 40 cruises at sea (24 as chief scientist) aboard national and international research vessels: multi-beam bathymetry, seismic, magnetics, gravity, dredging, submersible dive and deep sea drilling. Author or co-author of roughly eighty publications in journals and books, including 67 in journals indexed by Current Contents. Head of Geology-Geophysics team of ORSTOM/IRD Center in Nouméa (1993 to 1997), and of the Western Pacific component of the research unit GEOAZUR (UNSA, UPMC, CNRS, IRD) (1999-2009). Director of the GOPS "South Pacific integrated observatory for environment and terrestrial and marine biodiversity" since early 2010.

Position

Senior researcher IRD - Director of the GOPS "South Pacific integrated observatory for environment and terrestrial and marine biodiversity"

Research, innovation, capacity development, and other collaboration interests

Coordination of technical expertise for programs in the field of underwater mapping of French territories, and for SOPAC (South Pacific Applied Geoscience Commission). Coordination of ANR program on eruptive dynamics and the seismic cycle in the Vanuatu Arc (2007 to 2010) (CNRS, IGP, IRD, Univ., Vanuatu services). Development of the scientific activities related to the GOPS. Collaboration with oceanography and marine and terrestrial biology.

Relevant publications

Pelletier B. et al. Current tectonics of the Tonga-New Hebrides region. *EPSL*, 1998, 164, 263-276. Pelletier B. Geology of the New Caledonia region and its implications for its biodiversity. *Doc. Sci. Tech. IRD*, II 7, 2006, 17-30. Goff J. et al. Palaeotsunamis in the Pacific Islands. *ESR*, 2011, 107, 141-146. Ballu V. et al. Role of absolute sea-level rise and vertical tectonic motions in coastal flooding, Torres Islands. *PNAS*, 2011, 108, 13019-13022.

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Dr. Elisala Pita
Tuvalu National Private Sector Organisation
Funafuti, Tuvalu

Professional profile

Qualifications: B.Sc; Post-graduate Diploma, Tropical & Temperate Fisheries; Certificate in Fisheries Planning; Awards: OBE (Officer of the Most Excellent Order of the British Empire) Achievements: Numerous appointments in regional jobs in international organisations; Held permanent High-level positions in Government: Director of Fisheries, Secretary; Fisheries Advisor and Chairman of Corporations.

Research, innovation, capacity development, and other collaboration interests

Numerous appointments in regional jobs in international organisations; Held permanent High-level positions in Government: Director of Fisheries, Secretary; Fisheries Advisor and Chairman of Corporations.

Relevant publications

Relevant Publications: Consultancy reports related to fisheries and Agriculture; poverty and LDCs; Pacer Plus and Greening Economy.

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Dr. Joachim Post
German Aerospace Center (DLR)
Bonn, Germany

Professional profile

PhD in 2006 on Climate Impact Assessment Since
2006 Scientist at DLR

Research, innovation, capacity development, and other collaboration interests

Cooperation interest with New Zealand, Chile,
Japan, Singapore, Indonesia

Contact

German Aerospace Center (DLR), Earth
Observation Center (EOC), German Remote
Sensing Data Center (DFD), Department Civil
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Dr. Meda Gurudutt Prasad
CADMEHukumpet P.O Rajahmundry
Pradesh, INDIA

Professional profile

CURRICULUM VITAE Name : Meda Gurudutt Prasad Profession : Disaster Manger Experience : 28 years in Disaster Preparedness Date of Birth : May 21st, 1957 Place of Birth : Rajahmundry, India Civil Status : Married CADME EDUCATION: -M.A Social Work from Andhra University, Visakhapatnam. -Diploma in community Empowerment through Cooperatives in 1993, from International institute for Labour, Development and Cooperative Studies, Afro Asian Institution, Telaviv, Israel. -Disaster Management Course - 18 in 1994, from Asian Institute of Technology, Bangkok, Thailand. -Certificate course on "Gender in Policy Development for Sustainable Land Use" done at IAC, the Netherlands. at Sungai Petani, Malaysia. -Diploma in Health Emergencies in Large Populations (HELP) Hawaii University, HONOLULU, USA. INTERNATIONAL TRAININGS ATTENDED 1994 Disaster Management Course - 18 Bangkok 1996 Gender in Policy Development for sustainable land use Wageningen The Netherlands 2002 Sphere Training Sydney Australia 2003 International Award on Early warning Bonn Germany 2005 UN-ISDR Workshop on Best Practices of Disaster Management. Geneva Switzerland 2006 International Conference on Disaster Medicine TOKYO JAPAN AWARDS "Gold Medal" awarded by CDA Bangalore for outstanding performance in Emergency Preparedness written and oral test. United Nations "SASAKAWA AWARD" International Strategy for Disaster Reduction (ISDR).

Research, innovation, capacity development, and other collaboration interests

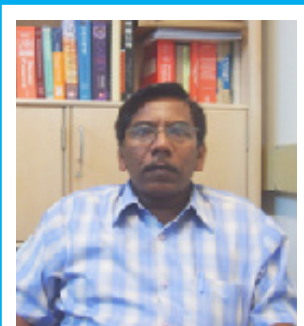
I have been working on Climate Change and Disaster risk reduction activities and following are key activities Global Warming and its impact on marginalized farmers and fishing community. 1.Climate change and its impact on women and children 2.Sea level rise and its impact on Fishing community 3.Deforestation and its impact on Agriculture, Food production REDD+ Mechanism. 4.Sustainable Agriculture and organic farming.

Relevant publications

1.Trainer Training Manual on Climate Change actions integrating with Disaster risk reduction and Developmental activities. 2.Community Based Disaster Preparedness Manual 3Child trainer's manual on Child led disaster risk reduction.

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Dr. Surendra Prasad
Associate Professor of Chemistry
The University of the South Pacific
Suva, Fiji

Professional profile

B. Sc. (Chemistry Hons), Univ. of Bihar, Muzaffarpur, India. M. Sc. (Inorganic Chemistry), Univ. of Bihar Muzaffarpur, India. PhD. (Inorganic Reaction kinetics & Analytical Chemistry), Indian Institute of Technology (I.I.T.), Kanpur, India. Qualified GATE equivalent to NET (National Educational Test) conducted by UGC-CSIR, Govt of India. Awards: -Junior & Senior Research Fellow of I.I.T. Kanpur, India. -Junior Research Fellow of the Dept. of Environment and Forests, Govt. of India. -Vice Chancellor's Prize for the Best Research Publication 2009; The USP, Suva, Fiji. -Biotechnology National Associateship, Dept. of Biotechnology, Govt. of India, Delhi. -Science and Engineering Research Council Visiting Fellowship, Dept. of Science and Technology, Govt. of India, New Delhi. Have been: Editorial Referee/Reviewer of over 50 International Journals. -Life Member/Member of 8 Professional Societies. -Editorial Board Member/Guest Editor of 9 International Journals. Papers Published: 70 Papers Presented: 40

Position

Associate Professor of Chemistry, I am involved in teaching courses and carrying out research in the areas of Inorganic, Analytical and Environmental Chemistry at the School of Biological and Chemical and Chemical Sciences at the University of the South Pacific (USP), Suva, Fiji.

Research, innovation, capacity development, and other collaboration interests

I have initiated a research programme in emerging area "The Kinetic Methods of Analysis" and the development of analytical methods and application to predict the safety and quality of food products. I have collaboration with scientists in India, Japan, USA, New Calodonia, Fiji, etc.

Relevant publications

1. ICP-OES Assessment of Heavy Metal Contamination -- Two Digestion Techniques. *Microchemical Journal*. 2012 (In press).
2. Kinetic Assay of D-Penicillamine in Pure and Pharmaceutical. *Microchemical Journal* 2012 (In press).
3. Flow Injection Assessment of Nitrate --- Vegetables Grown in Fiji, *Journal of Food Science*, 78(8), C1143-C1148, 2011.
4. Food Chemistry 106 (2), 772-780, 2008.
5. Food Chemistry 116(2), 561-566, 2009.

Contact

Dr. Surendra Prasad Associate Professor of Chemistry, School of Biological and Chemical Sciences, Faculty of Science, Technology and Environment, The University of the South Pacific, Suva, FIJI E.Mail: prasad_su@usp.ac.fj Phone no. + 679-3232416.



Dr. Morgan Pratchett
Principal Research Fellow, ARC Centre of Excellence for Coral Reef Studies
Australia

Professional profile

Dr. Morgan Pratchett has broad interests in population and community ecology of coral reef organisms, especially corals and fishes. His current research focuses on major disturbances that impact coral reef ecosystems, with a view to understanding differential responses and vulnerabilities among coral reef organisms. Dr Morgan Pratchett has written several seminal papers describing direct and indirect effects of coral bleaching and outbreaks of crown-of-thorns starfish, considering impacts on both coral assemblages and associated assemblages of coral reef fishes. He has undertaken extensive field-based on Australia's Great Barrier Reef, but also in French Polynesia, Fiji, Papua New Guinea and southern Japan.

Research, innovation, capacity development, and other collaboration interests

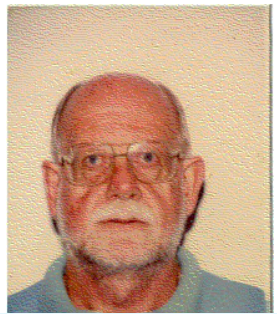
Impacts of climate change on coral reef ecosystems
Population outbreaks of crown-of-thorns starfish
Population dynamics of scleractinian corals
Ecological versatility in coral reef fishes
Biology and ecology of butterflyfishes (Chaetodontidae).

Contact

morgan.pratchett@jcu.edu.au

Website:

http://www.coralcoe.org.au/research/morgan_pratchett.html



Dr. Alan Quartermain
Dean of School of Natural Resources
PNG University of Natural Resources and Environment Kokopo
Papua, New Guinea

Professional profile

Bachelor and Master of Agricultural Science degrees, University of New Zealand (Massey Agricultural College now Massey University), completed 1960. PhD in Animal Breeding, Iowa State University, 1965. Taught animal production subjects and research methods in 5 universities, 2 in Africa (Zambia and Zimbabwe) and 3 in PNG. Have worked for a total of 28 years in PNG. Also worked for 2 research institutions - New Zealand Department of Agriculture and PNG National Agricultural Research Institute, for the latter as Chief Scientist. Have completed consultancies, mainly for FAO, in 28 developing countries in livestock development, rural development, agricultural education and research institutional development. Work included 3 years as Chief Technical Advisor for a 13 - country Pacific Regional Livestock Development Project. Took time out for 5 years farming 40ha sheep and cattle on own account and as sole labour unit in New Zealand. Currently Dean of the School of Natural Resources, PNG UNRE, responsible for Departments of Agriculture, Fisheries and Forestry, with Diploma and Degree programmes in tropical agriculture and fisheries and marine resources. Invested as Officer of the Order of Logohu (OL) in the 2011 PNG New Year's Honours.

Position

Dean of School of Natural Resources. Responsible for Departments of Agriculture, Fisheries and Forestry

Research, innovation, capacity development, and other collaboration interests

Animal genetic resources, animal production science, subsistence and small scale agriculture, traditional food crops, university level teaching - agriculture, aquaculture, farm forestry, quality assurance - traditional knowledge, research mentoring

Relevant publications

2009. GCARD 2010 Pacific Sub-regional Report. Transforming Agricultural Knowledge into Development Impact for the Pacific. www.apaari.org. (<http://www.apaari.org/wp-content/uploads/2009/10/pacific-sub-regional-report.pdf>), www.gcard2010.net.

Contact

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Prof. Phila Raharivelomanana
Professor of Chemistry
Université de la Polynésie Française (UPF)
Faaa (Tahiti), French Polynesia

Professional profile

I have more than 20 years of experience in natural product research. Since 1993, I had a faculty position at the University of French Polynesia (respectively Assistant professor, Associate professor and Full professor) as a chemist teacher and phytochemist researcher working on tropical plants studies and especially Pacific and Polynesian plants. When I joined the UPF, I was one of the pioneer researchers working in phytochemistry of Polynesian plants and I focussed my interests on aromatic plants. Then, I moved to medicinal plant investigation aiming to a better understanding of ethnopharmacological regards and an evaluation of their biological activities beyond their chemical composition. These last years, I found more interests on biodiversity valorisation and preservation. So I added ethnobotanical, genetical and environmental regards to our research team topics. - 2004-2007: Head of the Laboratory of Natural Substances Chemistry (LCSN) at UPF - 2008-2012: Director of Terrestrial and Marine Laboratory (BIOTEM) at UPF - 2012-present: member of Integrated Study of Secondary Metabolites group (EIMS) at the UMR 241 EIO at UPF. - 2009-present: Editorial advisory board of Natural Product Communication journal - 2012-present: scientific member of national committee of French universities (CNU) in organic and inorganic chemistry - 2008-present: responsible of international relationship between UPF (Tahiti) and NUS (Samoa) universities: scientific collaborations, researchers and student exchanges.

Position

Professor in Chemistry at UPF Pace-Net multiplier

Research, innovation, capacity development, and other collaboration interests

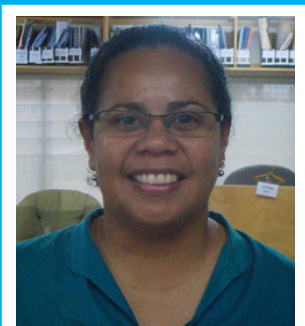
- Research and valorization of natural product derived compounds for pharmaceutical, nutraceutical and cosmetical innovative uses (1 PCT patent) - Establish and strengthen education and research collaboration between different countries (Northern and Southern: EU and Pacific) involving PICs and OCTs (French and English speaking) to promote Pacific research and higher education, especially in biodiversity themes.

Relevant publications

- Martin N.J., Prado S., Lecellier G., Thomas O., Raharivelomanana P., 2012. *Molecules*, 17: 12015-12022; - Brunschwig C., Senger-Emonnot P., Aubanel M.-L., George G., Rochard S., Raharivelomanana P., 2012. *Food Res. Int.*, 46: 148-157.- Ho R., Girault J.P., Raharivelomanana P, Lafont R., 2012. *Molecules*, 17: 11598-11606.- Leu T., Raharivelomanana P., Soulet S., Herbette G., Faure R, 2009. *Magn. Reson. in Chem.*, 4: 989-993

Contact

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Rhonda Robinson
SOPAC-SPC
Suva, Fiji

Professional profile

Deputy Director - Water & Sanitation Programme
Rhonda Robinson is the current Deputy Director for the Water and Sanitation Programme (WSP) of the SOPAC Division of SPC. She graduated from the University of the South Pacific (USP) in 1998 with a Bachelor of Science Degree majoring in Biology and Chemistry and started working for the SOPAC Commission in 1998 through to 2004 as a Sanitation Officer primarily dealing with sanitation and hygiene technical programmes and community and awareness related campaigns. Rhonda resigned from SOPAC in 2005 to pursue a postgraduate Masters programme and graduated from the Australian National University in 2006 with a Masters in Environmental Management and Development as well as a Masters in Diplomacy. She rejoined the SOPAC Commission after completing her studies as a Project Adviser working with a small team of people to design the GEF funded Pacific IWRM Project currently being implemented in the Pacific region. Following the design of the Pacific IWRM Project, Rhonda coordinated the Pacific IWRM Programme funded by the EU and supporting countries with their Water Governance needs until she was recruited into the position of Deputy Director of the WSP in 2011 which she still currently holds.

Position

Deputy Director, Water and Sanitation Programme (WSP), Applied Geoscience and Technology Division (SOPAC), Secretariat of the Pacific Community (SPC).

Contact

SOPAC Division, SPC, Private Mail Bag, GPO Suva, Fiji. PH: (679) 3381377, Fax: (679) 3370040, E-mail: rhondar@sopac.org



Anne Rouault
Head of Research Administration UNC
Noumea, New Caledonia

Professional profile

1995-2007 : Senior Administrator at French Ministry for Higher education and research, Paris
2007-2010 : Policy Officer - National Second Expert at Directorate General for Research (RTD Unit Universities and Researchers, Brussels, European Commission) from 2012 onwards : Head of Research Administration at UNC, New Caledonia.

Position

Head of Research Administration, UNC, NC

Contact

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Jean-Emmanuel Rougier
Managing Partner
Lisode
Montpellier, France

Position:

Managing Partner

Research, innovation, capacity development, and other collaboration interests

Fishery management Water management Land planning Common resource pool management Participatory processes Conflict management Role playing games for resources management Facilitation

Relevant publications

<http://www.ecologyandsociety.org/vol15/iss4/art11/>

Contact

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Prof. Karl-Ulrich Rudolph
Institute of Environmental Engineering and Management
Witten, Germany

Professional profile

Professor Dr. Karl-Ulrich Rudolph is double educated in water engineering and environmental economics. Before joining the Private University of Witten/Herdecke, Germany, as director of the IEEM (Institute of Environmental Engineering and Management), and becoming the CEO of the CEEM (Prof. Dr. Rudolph GmbH, Consultants for Environmental Engineering and Management), he worked for the operations of GfA, a large sewage treatment plant company, as member of the Deutsche Bank Advisory Board, and as Supervisory Board Member for the Berlin Water Works. 2008, he was awarded as Guest Professor at the NEU - National Economic University in Hanoi. Since 12/2009, he is Co-ordinator of the UNW-DPC working group on "Capacity Building in Water Efficiency". Since 12/2010, he is Evaluation Expert to the European Commission, Research Framework Programme 7 (Environment Theme). In the Republic of South Africa (RSA), he leads the research project about Integrated Water Resources Management (IWRM) focusing the Olifants river basin, which is funded by BMBF (the German Research Ministry) and WRC (the Water Research Commission RSA), and which is including innovative management options, like Franchise. The Franchise concept of IEEM has won the Global Contest at the World Bank 2006 and received additional funding for pilot implementation in RSA. Since 2009, the GWFA - Global Water Franchise Agency is exploiting these outcomes from the BMBF-funded research, world-wide.

Research, innovation, capacity development, and other collaboration interests

Water research, esp. lean cost technologies for wastewater treatment with nexus to energy efficiency.

Relevant publications

www.uni-wh-utm.de/html/en/publikationen.html

Contact

Prof Dr Dr K-U Rudolph Institute of Environmental Engineering and Management Alfred-Herrhausen-Str 44 58455 Witten, Germany Phone: +492302914010 E-Mail: mail@uni-wh-utm.de
www.uni-wh-utm.de



Dr. Gerd Ruecker
Senior Scientific Officer
German Aerospace Center (DLR)
Bonn, Germany

Professional profile

Dr. Gerd Rucker joined International Bureau of BMBF as Senior Scientific Officer in 2010. In this position he was in charge of the bilateral co-operation of Germany with India. He further monitored and evaluated joint German-Asian/Pacific Research Structures in the Asia/Pacific Research Area (Australia, New Zealand, China, Japan, Singapore, India, Indonesia, Korea). He has experience with EU ACCESS- INCO-NET- and BILAT projects) with Australia, New Zealand, and the Pacific (AUS-Access4EU, Access4EU-NZ, PACE-Net, CAESIE, FRIENZ). In these projects he has been supporting policy dialogue in research, development and innovation and fostering international cooperation in science and technology by tailorsized impact-oriented instruments. He has experience and success in EU project management and application. Gerd holds a PhD in Geography from the University of Bonn. He worked in Africa (Uganda, Tanzania, Ghana) and Central Asia (Uzbekistan, Kirgizstan, Kazakhstan) on capacity development, satellite remote sensing and Geographical Information Systems (GIS) algorithms for targeting development policies, monitoring land and water parameters, and natural resource management.

Position

Senior Scientific Officer

Research, innovation, capacity development, and other collaboration interests

Analysing spatial and temporal relationships of environmental, agricultural, and water issues, with respect to human and climate change impacts by GIS and statistics for policy advise. Developing jointly with partners research, development, and innovation organizational structures as well as international collaboration projects. Policy advise for inter- and transdisciplinary research, development and innovation policies.

Relevant publications

Bang, S., Ruecker, G., Hindmarch, C., Raharivelomanana, P., Tamanikaiyaroi, V., Gowae, G.Y., Goulding, C. 2013. Climate change, agriculture and forestry in the Pacific. PACE-Net Policy Brief #2. Ruecker, G.R., et al. 2003 Strategic targeting of development policies to a complex region: A GIS-Based Stratification Applied to Uganda. ZEF-Discussion Papers Nr. 69.

Contact

Dr. Gerd Rucker European and International Cooperation Heinrich-Konen-Str. 1, 53227 Bonn, Germany Tel.: +49 228 3821-1180, Gerd.Ruecker@dlr.de, <http://www.internationales-buero.de> <http://www.linkedin.com/pub/gerd-ruecker/a/977/446> <http://www.zef.de/staff/415.html>



Manuela Schisani
APRE - Agency for the Promotion of European Research,
Rome, Italy

Professional profile

Ms. Manuela Schisani has a degree in International Relations and a master degree in Project Management. She is National Contact Point for the IDEAS Programme of FP7. She is a key staff member of several projects co-funded by FP7, International Cooperation programme. Among them: ENLACE (Enhancing Scientific Cooperation between the European Union and Central America), EUCARINET (Fostering the European Union - Caribbean Research and Innovation Networks), PACE-Net (Pacific Europe network for Science and Technology), BILAT-USA and Link2US.

Contact

APRE - Agency for the Promotion of European Research, 184 Rome, Italy, email: schisani@apre.it



Dr. Kathleen Schwerdtner Máñez
Leibniz Center for Tropical Marine Ecology
Bremen, Germany

Professional profile

Studied landscape ecology and conservation in Greifswald/Germany, obtained a PhD in agricultural economics at the Martin Luther University Halle in cooperation with the Helmholtz Center for Environmental Research (UFZ) in Leipzig (2008). Between 2008 and 2011, work as post-doctoral researcher in social-ecological systems group at the Leibniz Center for Tropical Marine Ecology (ZMT) in Bremen on environmental changes and resource use in coastal and marine areas of Indonesia. Currently research associate at the ZMT working on resource use and water scarcity. Since 2010 member of the scientific steering committee of the History of Marine Animal Populations (HMAP) project. Associated researcher with the Asia Research Center of Murdoch University, Perth since 2010.

Research, innovation, capacity development, and other collaboration interests

Interested in perceptions of water scarcity and history of marine resource use on small islands in the Pacific

Relevant publications

Schwerdtner Máñez K, Husain S, Ferse SCA, Máñez Costa M (in review) Water scarcity in the Spermonde Archipelago, Sulawesi, Indonesia: past, present and future. Environmental Science and Policy Schwerdtner Máñez K, Glaser M, Ferse S, Wiederhold H, Sulzbacher H (2011) Danger from below. Groundwater protection on small islands - its importance must not be underestimated. In: Water: beware! Zwischenruf der Leibniz Gemeinschaft 1/2011: 42-46

Contact

Leibniz Center for Tropical Marine Ecology (ZMT) GmbH, Fahrenheitstr. 6, 28359 Bremen Germany
Tel.: +49 (0)421



Prof. Udo Seiffert
Fraunhofer IFF Magdeburg Biosystems Engineering
Magdeburg, Germany

Professional profile

Recognition and modelling of spatio-temporal development patterns of crop plants against the background of various plant stress factors and applications in plant breeding and agriculture -
On-site and airborne sensors for Smart Farming
- Precision phenotyping of crop plants.

Contact

Prof. Udo Seiffert Fraunhofer IFF Magdeburg
Biosystems Engineering Sandtorstrasse 22 39106
Magdeburg, Germany Udo.Seiffert@iff.fraunhofer.
de <http://www.iff.fraunhofer.de/de/bio.html>



Dr. Katharina Schneider
Institut für Ethnologie
Heidelberg, Germany

Professional profile

2008 PhD in Social Anthropology, University of Cambridge Thesis Title: Movements and Social Relations on Pororan Island, Bougainville, Papua New Guinea → Research interests in small island sustainability, inter-island mobility, kinship and trade in the Pacific 2008-09 Development Worker Overseas, Evangelischer Entwicklungsdienst (EED), Researcher and Lecturer, Silliman University, Philippines → Research interests: interrelation between armed conflict, migration, coastal risks and disaster unpreparedness 2010-2011 Honorary Researcher, Department of Social Anthropology, School of Social Sciences, University of Aberdeen → Research interests: human mobility and the objectification of social relations; customary land and marine tenure; knowledge, surprise and creativity in fishing and gardening → Proposed FP7 research project on perceptions, evaluations and responses to sea-level rise in Bougainville, Papua New Guinea, Host: Coastal Risks and Sea Level Rise Research Group, Future Ocean Cluster of Excellence, Christian-Albrechts-University, Kiel since 2011: Lecturer (wissenschaftliche Assistentin), Institute of Ethnology, Heidelberg University → Research on perceptions of the coastal environment and its resources, resource management and collaboration in the coastal zone, Indonesia.

Research, innovation, capacity development, and other collaboration interests

Small Island Sustainability: inter-island mobility, relations of kinship and trade Coastal communities at risk: armed conflict, migration and disaster preparedness; divergent interests, resource conflicts and collaboration

Relevant publications

In press. Saltwater Sociality: A Melanesian Island Ethnography. Oxford and New York: Berghahn Publishers (February 2012). 2011. The one and the two: mainlanders and saltwater people in Buka, Bougainville. *Oceania* 81 (2), 180-204. 2010. Moving islands: an ethnographic approach to perceptions of and responses to sea-level rise in Pacific Island Countries (PICs). Poster, 3rd Bi-Annual Symposium "Future Ocean", University of Kiel.

Contact

Katharina Schneider Institut für Ethnologie
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Dr. Bibhya Sharma
Faculty of Science, Technology and Environment University of the South Pacific Private Mail Bag
Suva, Fiji Islands

Professional profile

PhD in Applied Mathematics

Research, innovation, capacity development, and other collaboration interests

Main fields of interest are dynamics of nonlinear systems, robotics, biologically inspired systems and activities, ANNs and mathematics education, especially in the areas of e-learning and m-learning using the new technological tools. Recent institutional research include work on early warning systems, online diagnostic tests and remedial measures, bridging modules, online study models and tailored services for mature students in the region.

Relevant publications

1. An Innovative Approach of Progressive Feedback via Artificial Neural Networks, JMLT, 2011.
2. Online Learning Environment in Mathematics via a Pedagogical Progression Model of Moodle. Proceedings of AACE 2011.
3. Use of ICTs in Online Distance Education. Proceedings of AACE 2011.
4. Teaching Science at a Distance, In Accessible Elements: Teaching Science Online and at a Distance, 2010.
5. Mathematics: A Study Guide for Form 7, Fiji 2009.

Contact

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University of the South Pacific Private Mail Bag
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Dr. Roy Smith
Programme Leader, MA International Development, Nottingham Trent University
Nottingham, UK

Professional profile

Programme Leader, MA International Development, Nottingham Trent University, UK PhD, University of Southampton 'The Nuclear Free and Independent Pacific Movement' funded by the Economic and Social Research Council Visiting research fellow at the Australian National University and the University of the South Pacific Council member of the Pacific Islands Society of the United Kingdom and Ireland Trustee of the development education organisation Mundi Advisory Council member of Think Global.

Position

Programme Leader, MA International Development, Nottingham Trent University, UK

Research, innovation, capacity development, and other collaboration interests

Fieldwork undertaken in numerous small island developing states around the world, with a particular emphasis on the Pacific region. Most recently this has involved collaboration with the EU-USP Global Climate Change Alliance project. This involved a contribution towards the facilitation of community engagement workshops in both Tuvalu and Kiribati.

Relevant publications

Hemstock SL, Smith R. (2011). An analysis of the effectiveness of funding for climate change adaptation using Tuvalu as a case study. *International Journal of Climate Change: Impacts and Responses*, 3, 1, pp. 67-78

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Dr. Hans-Joerg Staehle
Aerospace Center (DLR)
Bonn, German

Professional profile

Dr. Hans-Jörg Stähle joined International Bureau of BMBF as Senior Scientific Officer in 1996. In this position he was in charge of the stimulation of the bilateral co-operation with countries in Asia, Latin America and the Pacific (Australia, New Zealand). He has also experience with EU projects and has been involved in the preparation and execution of ERA-Nets, INCO-Nets and ACCESS projects dealing with the cooperation with the countries/regions of his bilateral foci. Hans coordinated the AUS-ACCESS4EU project. From 1988 till 1995 Hans worked as a researcher in various positions, mainly in materials sciences, at DLR's research centre in Stuttgart. Hans holds a PhD in Mineralogy from University of Bonn.

Contact

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Ivo Soeren Syndicus
National University of Ireland Maynooth,
Dublin, Ireland

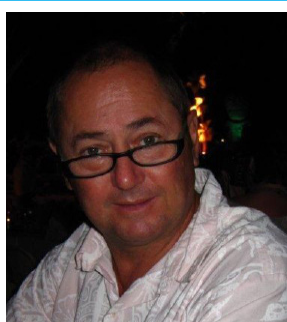
Professional profile

I have an academic background in agriculture, natural resource management and rural development with a particular research interest on land use change in Papua New Guinea, Bolivia and India. I am currently working on a PhD project about higher education and knowledge production in relation to development issues in Papua New Guinea.

Contact

National University of Ireland Maynooth, 7 Dublin, Ireland.

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Dr. Marc Taquet
Directeur du Centre Ifremer du Pacifique IFREMER,
Taravao, French Polynesia

Professional profile

Directeur de Recherche (C3) PhD - HDR Tropical fisheries FAD Ichthyology

Position:

Directeur du Centre Ifremer du Pacifique Délégué Régional Polynésie française Directeur de l'Unité de recherche Ressources Marines de Polynésie Française Directeur Adjoint de l'UMR EIO 241

Contact

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Nenenteiti Teariki
Acting Director
Environment & Conservation Division, Ministry of Environment, Lands and Agriculture Development
South Tarawa, KIRIBATI

Professional profile

i.) Bachelor of Resource Studies (Lincoln University, New Zealand) ii.) Postgraduate Diploma in Resource Studies (Lincoln University, New Zealand) iii.) Master of Environment HONS (Griffith University, Brisbane Australia) Thesis: The Role of Biodiversity in Climate Change Adaptation In Kiribati as a Low Lying Island Nation Awards: 1996 - 1999 New Zealand Aotearoa Scholarship Award 2000 New Zealand Postgraduate Scholarship Award 2010 - 2011 Australian Leadership Scholarship Award (ALA)

Position

Acting Director, Environment & Conservation Division, Ministry of Environment, Lands and Agriculture Development. Responsibilities are diverse from overseeing the implementation and fulfillment of the environment portfolio of MELAD.

Research, innovation, capacity development, and other collaboration interests

Research interest: Role of biodiversity in climate change, especially in low lying atolls like Kiribati. This is critical for low lying atoll nations like Kiribati in the Pacific region. Kiribati is on the frontline to impacts of global climate change at the country level. It is crucial for Government of Kiribati to have in place effective and efficient investment long term planning and preparation to respond to global climate change.

Relevant publications

1. Thesis: The Role of Biodiversity in Climate Change Adaptation In Kiribati as a Low Lying Island Nation; 2. 2002 Summary of Priority Environmental Concerns for Kiribati: Prepared for Strategic Action Programme for the International Waters of the Pacific Small Island Developing States (IWP), August 2002.

Contact

Ms. Nenenteiti Teariki-Ruatu Acting Director
Environment & Conservation Division Ministry of Environment, Lands and Agriculture Development
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Rupeni Tamanikaiyaroi
University of the South Pacific
Samoa, Fiji

Professional profile

B. AGR & M.AGR. (USP)

Research, innovation, capacity development, and other collaboration interests

Screening for salt tolerant cultivars of Giant Swamp Taro (*Cyrtosperma chamissonis*) in Tokelau and Kiribati (PhD research topic to be supervised by Dr Dan Orchardton USP PACE-SD)

Contact

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tamanikaiyaroi_v@samoa.usp.ac.fj



Prof. Steven Underhill
University of the Sunshine Coast
Maroochydore, Australia

Professional profile

Steven J.R. Underhill is the Professor of horticulture and forestry at the University of the Sunshine Coast, Queensland, Australia. Prof Underhill also has a co-appointment with the Queensland Alliance for Agriculture and Food Innovation (QAAFI), The University of Queensland, Australia. Prof Underhill has 25 years international experience in subtropical and tropical horticultural research throughout S.E Asia and more recently in the South Pacific, where he has specialised in postharvest handling of tree crops. Prof Underhill currently leads a large ACIAR-funded project based on a consortium of six Australian and Pacific Universities, and the Secretariat of the Pacific Community, working on agribusiness and supply chain performance across the South Pacific. Prof Underhill's research interests involve small-holder postharvest handling systems and supply chain coordination in the Pacific in the context of food security and poverty alleviation. Prof Underhill is currently working with small-holder vegetable growers in Fiji and the Solomon Islands in collaboration with researchers from Taiwan (AVRDC) and Fiji, to improve grower access to high value domestic markets. Prof Underhill also has strong research and policy management experience; having previously led the Queensland Government's innovative food technologies unit, lifestyle horticulture, production forestry and export programs, as well as being a technical specialist on the Queensland Government's Agriculture science strategy and Government-university partnership initiatives.

Research, innovation, capacity development, and other collaboration interests

Project leader of the ACIAR-Funded Pacific agribusiness research for development project; working in Fiji, Samoa, Solomon Islands, Tonga, Kiribati, Vanuatu focused on agriculture supply chain development. Senior researcher - Developing a participatory guarantee system for small holder vegetable growers in Fiji and the Solomon Islands.

Relevant publications

Underhill, S.J.R (2012) Developing Horticultural Quality Management Systems in Fiji. In *Acta Horticulturae*. In. SeaAsia Postharvest Quality Management Conference, Bangkok. Underhill, S.J.R., Stringer, R., Bryceson, K., Prasad, B.C. Shearer, D. (2011) The Pacific Agribusiness Research for Development Initiative (PARDI): a Novel Approach to Horticultural Development in the Pacific. *Acta Horticulturae* (in press).

Contact

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Dr. Jito Vanualailai
Director of Research
University of the South Pacific
Suva, Fiji

Professional profile

Dr Jito Vanualailai obtained his PhD in Applied Mathematics (Systems and Control Theory) from Kobe University, Japan, in 1994, after which he joined the School of Computing, Information & Mathematical Sciences of the University of the South Pacific, Fiji, where he is now an Associate Professor of Mathematics. His research interests include Stability of Nonlinear Systems, Artificial Neural Networks, Volterra Integro-differential Systems, Planning Algorithms, and Swarm Intelligence.

Position

Director of Research. In this current role, I support the Pro Vice Chancellor (Research & International) in the development and implementation of initiatives that promote excellence in research support services, aligned to the University's strategic research objectives.

Research, innovation, capacity development, and other collaboration interests

As the Director of Research, I played a key role in initiating a project to bring together the major universities from the PICs for a dialogue on the formation of a research network. The inaugural meeting to discuss the formation of the network was held November 2012 at USP where it was decided that the Pacific Islands Universities Research Network (PIURN) be formed.

Relevant publications

1. Asymptotically Stable Collision-Avoidance System, International Journal of Non-Linear Mechanics, Volume 43, Issue 9, pp. 925-932 (2008).
2. Some Generalized Sufficient Convergence Criteria for Nonlinear Continuous Neural Networks, Neural Computation, Vol.7, No.8, pp.1820-1835 (2005).
3. Stability of a System of Volterra Integro-differential Equations, Journal of Mathematical Analysis and Applications, Vol.281, No.2, pp.602-619 (2003).

Contact

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Dr. Joeli Veitayaki
The University of the South
Pacific, Suva

Professional profile

Joeli received his primary and secondary education in rural Fiji. He obtained his Bachelors and Masters degree from the University of the South Pacific in the late 1980s and 90s. In 2001, he attained his PhD at ANU, Canberra with a thesis titled: Realities in Rural Development : fisheries development in Fiji. Since that time, Joeli conducted research on various issues relating to fisheries development, climate change adaptation and sustainable development. He is currently working on the island of Gau in Fiji to ensure that the people are ready for the development they desire and that they prepare for climate change and other important but interrelated issues.

Research, innovation, capacity development, and other collaboration interests

Joeli undertakes mostly social science research on development issues such as resource use and management, capacity building, regional cooperation. He has worked closely as part of the International Ocean Institute and is part of new Consortium with European Institutions that are undertaking research in the Pacific region.

Relevant publications

Veitayaki, J. (2006). Caring for the environment and the mitigation of natural extreme events in Vanuaso Tikina, Gau Island, Fiji: A self-help community initiative. *Island Studies Journal* 1 (2), 239-252. Veitayaki, J. (2010). Climate Change Adaptation Issues in Small Island Developing States. In *Climate Change Adaptation and Disaster Risk Reduction: Issues and Challenges Community, Environment and Disaster Risk Management* Volume 4: 369-391.

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Dr. Yorck von Korff
Lisode
Montpellier, France

Professional profile

PhD in Political Science. Work block coordinator in two FP 7 projects on water management. Coordinator of a Special Feature in “Ecology and Society” (“Implementing Participatory Water Management”). Coordinator of various development and innovation projects in water management and urban planning in France, Egypt, Algeria, Cyprus, Portugal, The Netherlands. Certified Facilitator (International Association of Facilitators). Graduate of a 2-year master program in alternative dispute resolution. Has provided more than 20 training courses on facilitation and participatory project management.

Research, innovation, capacity development, and other collaboration interests

Support co-construction, interdisciplinarity, and participation in research and development projects by preparing and facilitating multi-stakeholder events. Coordinate parts of research projects. Give training in facilitation and participatory project management. Publish on facilitation.

Relevant publications

Yorck von Korff, Sabine Moellenkamp, Pieter Bots, Katherine Daniell, Rianne Bijlsma (guest editors). (Accepted for publication): Implementing Participatory Water Management: Recent Advances in Theory, Practice and Evaluation. Ecology and Society. Von Korff, Y., P. d’Aquino, K. A. Daniell, and R. Bijlsma. 2010. Designing participation processes for water management and beyond. Ecology and Society 15(3): 1

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Prof. Juerg Wassmann
Heidelberg, Germany

Professional profile

Since 2009 professor emeritus 1995 Full professor for anthropology and first director (from 1995 until 2007) of the newly founded Institute of Anthropology, University of Heidelberg. Visiting professorship at the University of Vienna, 2001. "Visiting Honorary Research Fellow" at the University of Western Australia, Perth 2000. "Visiting Research Fellow" at the Research School for Asian and Pacific Studies Australian National University, Canberra, 1995. Private lecturer at the University of Basel 1992-1995. Between 1991-1993 "Research Fellow" at the Max Planck Institute for Psycholinguistics in Nijmegen (Netherlands), Research Group for Cognitive Anthropology. Teaching assignments at the University of Tübingen and Zürich between 1990 and 1992. Between 1979-1987 and 1989-1990 Research assistant at the Department of Anthropology at the University of Basel. 1992 postdoctoral qualification at the University of Basel with the habilitation thesis "The Ideal of the Slightly Bowed Human Being. An Ethno-cognitive Analysis of the Yupno of Papua New Guinea". In 1979 PhD thesis on the religious system of the Iatmul of the Middle Sepik (Papua New Guinea) (Papua New Guinea) at the University of Basel (with highest honours). Between 1967 and 1979 study of anthropology with minors in sociology, musicology, and psychology at the University of Basel.

Research, innovation, capacity development, and other collaboration interests

Regional focus: Oceania Extended fieldwork in Papua New Guinea and Bali, financed by Volkswagen, Max Planck Society, Swiss National Foundation Developing and implementation of an anthropology stream at the Divine World University, Madang, PNG, 2007-2011. MoU as director with a number of Universities in the Pacific (The University of Guam, Divine Word University Madang, PNG, The University of Papua New Guinea) and European Universities

Relevant publications

2012 (manuscript) The Ideal of the Slightly Bent Person of the Yupno in Papua New Guinea. An Interdisciplinary Approach. 2011 Wassmann, J. Traeuble, B. & Funke, J. (eds. in prep.) Theory of Mind. Reasoning across Cultures. New York/Oxford: Berghahn. 1998 (ed.) Pacific Answers to Western Hegemony. Cultural Practices of Identity Construction. Oxford: Berg. 2011 Wassmann, J., Kluge, C. & Albrecht, D. The Cognitive Context of Cognitive Anthropology.

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<http://www.rzuser.uni-heidelberg.de/>



Prof. Anthony Whitbread
Georg-August-Universität
Göttingen Germany

Professional profile

Prof. Anthony Whitbread (W3) holds the chair of Crop Production Systems in the Tropics at the Georg-August-Universität, Göttingen. This role, to which he was appointed in 2011, combines teaching and research to improve the sustainability and food security across the developing world with a focus on Africa. Prior to this appointment he worked for CSIRO in Eastern Australia undertaking RD&E into soil fertility, cereal agronomy and managing climatic risk in mixed systems. Throughout his career Anthony has maintained funded project work in smallholder mixed systems of SE Asia, and for the recent decade in Africa on the use of tropical legumes for improving forage and grain production and using cropping systems simulation (APSIM) to devise strategies to manage risk in maize based systems. In recognition of this work, he received the “2006 CSIRO Learning Culture Award” for significant efforts in building the capacity of African scientists and extension staff. He holds a PhD from the University of New England (1997) and has authored more than 33 journal articles and book chapters and many (>100) conference, industry and consultancy publications, many of which are on African systems and food security. He is a current reviewer for the South African National Research Foundation and editorial board member, Nutrient Cycling in Agroecosystems.

Research, innovation, capacity development, and other collaboration interests

Research expertise and interests: • soil fertility management in dryland cropping systems • evaluation of tropical grain and forage legume grass spp. • analysis of key drivers of productivity in mixed crop-livestock systems. • integration of plant, soil and climate simulation modelling into farming systems analysis • adoption of agricultural technology by smallholder farmers in the developing world.

Relevant publications

Publication list (<http://www.uni-goettingen.de/de/prof-dr-anthony-whitbread/210783.html>)

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Prof. Ian White
Fenner School of Environment and Society Australian National University
Canberra, Australia

Professional profile

Academic Qualifications B.Sc. 1964 (Mathematics, Chemistry), the University of Sydney M.Sc 1966 (Thesis, Transport through Membranes), the University of Sydney Ph. D 1971 (Thesis, Transport through Air-Water Interfaces) University of Sydney Awards and Distinctions Ineson Distinguished Lecturer, International Association of Hydrogeologists, UK Chapter 2011 Centenary Medal for Service to Australian society in environmental science and technology, 2003 Fellow, American Geophysical Union, Hydrology, elected 1999. Fellow, Australian Academy of Technological Sciences and Engineering, Hydrology, FTSE, elected 1999 Hydrology Society of Canberra, G.N. Burton Publication Medal, 1994, 1997 ACT Land and Water Care Research Award, 1991

Research, innovation, capacity development, and other collaboration interests

Major research area is water resources with emphasis on sustainable water use and management, surface-groundwater interactions, and the mitigation of global change and land use impacts of catchment and groundwater yield and water quality in situations where fresh water is limited. Current research includes water resource management, planning and policy development with emphasis on developing countries.

Relevant publications

White I, Falkland T (2011). Reducing Groundwater Vulnerability in Carbonate Island Countries in the Pacific. Chapter 6 in H. Treidel, J L Martin-Bordes, J J Gurdak (Eds). Climate Change Effects on Groundwater Resources: A Global Synthesis of Findings and Recommendations. CRC Press, pp 75-109. White I, and Falkland A (2010). Management of freshwater lenses on small islands in the Pacific, Hydrogeology Journal 18: 227-246

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Dr. Geoffroy Wotling
Direction des affaires vétérinaires, alimentaires et rurales
Noumea, New Caledonia

Professional profile

PhD in Hydrology (Geosciences, UMII Montpellier)
WMO hydrological Adviser for New Caledonia,
Qualification in field hydrology, rainfall-runoff-
erosion modelling, surface and ground water
monitoring, statistics, geosciences, environmental
sciences

Research, innovation, capacity development, and other collaboration interests

Hydrology, geosciences

Relevant publications

Terry, Wotling 2011. Rain-shadow hydrology New Caledonia. J. Hydrol. Wotling G, Bouvier C. 2002, Impact of urbanization on suspended sediment and organic matter fluxes from small catchments in Tahiti Hydrol. Process. Wotling, et al. 2000. Regionalization of extreme precipitation distribution using the principal components of the topographical environment. J. Hydrol.

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Prof. Letourneur Yves
Professor Univerite de la Nouvelle-Caledonie
Noumea, New Caledonia

Professional profile

Marine ecology Coral reef fishes Biodiversity

Position:

Professor at UNC ; vice president of the scientific council of LABEX "Corail"

Research, innovation, capacity development, and other collaboration interests

In charge of several local and international projects

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Christophe Yvetot
United Nations Industrial Development Organization
Brussels, Belgium

Professional profile

Since 2004 - United Nations Industrial Development Organization - Vienna and Brussels. In charge of relations with UNIDO major donors in headquarters since 2004, Christophe Yvetot has been appointed as UNIDO Representative to the EU, Belgium and Luxemburg, and Director of UNIDO Brussels Office in May 2008. In both positions, he has contributed directly to strengthen the dialogue on development policies and programmes with bilateral and multilateral partners. He has particularly contributed to the negotiations for the funding of regional large scale industrial programmes in Africa, Asia, Latin America and the Caribbean. Under the leadership and coordination of UNIDO Brussels Office, the EU has become UNIDO largest donor. r. Yvetot has particularly developed the dialogue and cooperation with EU institutions (European Commission, Parliament, Council) on issues such as: Climate Change and Green Industry/Energy; Food Security and the development of agro-industries; Food Safety and compliance/quality infrastructure (TBT/SPS); Environment, Cleaner Production and Resource Efficiency; The role of Private Sector in Development and Industrial Policies; The impact of EU development policy and inclusive growth. 1999-2004 - International Atomic Energy Agency, Vienna – Vienna. As a Policy Officer in the Office of Mr. ElBaradei, Director General and Nobel Prize 2005, Mr. Yvetot worked in the Office of External Relations and Policy Coordination, in charge of UN Affairs, Technical Cooperation and Industry. In this position, he advised the Director General on UN cooperation as well as on relations with developing countries and industrialists. He particularly developed cooperation frameworks with governments and UN agencies for technical assistance in the areas of Human Health, Water

and Soil Management and Industry. He contributed to the new communication strategy that supported the development of IAEA interaction to new partners and the media. He negotiated a new Memorandum of Understanding with FAO for the Joint Division of Nuclear Techniques in Food and Agriculture and organized the first IAEA Industry Forum. 1994-1998 - Organisation Internationale de la Francophonie (OIF) – Paris .As Chef de Cabinet of Jean-Louis Roy, Secretary General, Christophe Yvetot was in charge and as University Assistant and Researcher in the Institut du Droit de l'Economie Internationale et du Développement, University of Paris (V) from 1992 to 1994.

ACADEMIC QUALIFICATIONS

1990-1991 Masters in International Development Law - University of Paris (V) - France
1989-1990 Masters in Business and Development - University of Paris (V) - France
1988-1989 Degree in Business and Tax Law -University of Paris (II) ASSAS - France
1984-1988 B.A. in International Law - University of Normandy, Rouen – France
1980-1984 Baccalauréat in Economy - Lycée Claude Monet, Le Havre - France
LANGUAGES : French, English, Spanish and Italian.

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