

A PECC International Project
Sustainable Management of Marine Resources 2011-2012

Concluding Seminar
The Management of Deep Sea Marine Resources and
Oceans as a Means of Communication

December 4-5, 2012, Auckland, New Zealand

Co-hosted and organized by NZPECC, FPTPEC, and the University of Auckland

PROGRAMME

[VENUE: Room 325, Level 3, Owen G Glenn Building, 12 Grafton Road]

9.00-9.15 Registration

9.15-9.30 Opening Remarks

(Mr. Denis McNamara, Chair, NZPECC/ Prof. Jean Luc Le Bideau, Vice-Chair, FPTPEC)

DAY ONE MORNING (9.30am-12.00pm)

Session 1: Chaired by Denis McNamara, Chair NZPECC

Identification and exploration of deep sea mineral and energy resources

This session will focus on how best to reconcile the development of deep sea exploration and environmental protection.

9.30-9.55 The man at sea: Conquering the 'blue continent'
(Mr. Jean François Tallec, Counselor, DCNS Group)

9.55-10.20 An update on deep seabed minerals activities in the Pacific Islands region: Status, challenges and opportunities
(Mr. Akula Tawake, Head of Deep Sea Mineral Project, SOPAC, Secretariat of the Pacific Community, Noumea, New Caledonia)

10.20-10.40 Coffee Break

10.40-11.05 Managing New Zealand's offshore mineral resources – striking a balance between economic development and environmental protection
(Mr. David Trueman, Partner, Simpson Grierson, Wellington, New Zealand)

11.05-11.30 Enabling management of offshore mining through improved understanding of environmental impacts – a New Zealand perspective
(Dr. Geoffroy Lamarque, National Institute of Water and Atmospheric Research (NIWA), NZ)

11.30-12.00 Discussion

12.00-2.00 Lunch

DAY ONE AFTERNOON (2.00pm-4.30pm)

Session 2: Co-chaired by Amb. Francis Etienne, Ambassador of France to New Zealand & Ms. Penny Ridings, NZ Ministry of Foreign Affairs and Trade (MFAT)

Surveillance of oceans

This session will focus on the protection of the resources from non-authorized users, available technology, international agreements and joint agreements among economies to protect their own resources. It will cover various technical, legal and environmental cooperation efforts being made among neighbors to monitor and protect shared waters.

- 2.00-2.15 Maritime surveillance – Cooperation among Australia, France and New Zealand to protect and oversee activities in the Pacific Ocean
(**Amb. Francis Etienne**, French Embassy, Wellington, New Zealand)
- 2.15-2.25 Integrated Management of New Caledonia’s maritime area: The Coral Sea MPA Project
(**Dr. Yves Lafoy**, French Embassy, Wellington, New Zealand)
- 2.25-2.50 Scientific cooperation in the Pacific Ocean
(**Dr. Geoffroy Lamarche**, NIWA)
- 2.50-3.05 Coffee Break
- 3.05-3.30 The air and sea surveillance in the Pacific
(**Captain Bruno Jeannerod**, Commanding Officer, French Armed Forces in the Pacific, Nouméa, New Caledonia)
- 3.30-3.55 International cooperation for the surveillance of marine debris
(**Dr. Jan Hafner**, Scientific Computer Programmer, International Pacific Research Center, University of Hawaii, USA)
- 3.55-4.30 Discussion
- 6.30 Dinner (hosted by NZPECC)
(Harbourside Seafood & Grill)

DAY TWO MORNING (9.30am-12.00pm)

Session 3: Chaired by Fran O’Sullivan, Vice-Chair, NZPECC/ Columnist, New Zealand Herald
How to maintain the level and quality of existing resources and the protection of exclusive zones

- 9.30-9.55 Deep sea mud in the Pacific Ocean as a new mineral resource for rare earth elements (REEs)
(**Prof. Yasuhiro Kato**, Frontier Research Center for Energy and Resources, University of Tokyo, Japan)
- 9.55-10.20 From exploration to extraction of marine mineral resources: Knowledge, potential and challenges
(**Dr. Geoffroy Lamarche**, NIWA Research Program on Marine Physical Resources, NZ)
- 10.20-10.35 Coffee Break
- 10.35-11.00 Mineral resources of the deep ocean: characteristics of the major deposit types and advances in exploration technology
(**Dr. Martin Patriat**, French Research Institute for the Exploration of the Sea (IFREMER), France)
- 11.00-11.25 Transfer and financing of technology and innovation in the framework of PPPs to better protect the oceans and the coastal zones
(**Mr. Nicolas Renard**, Advisor to the Chairman and CEO, Veolia Environnement, Paris, France)
- 11.25-12.00 Environmental regulation on the outer continental shelf
(**Dr. Joanna Mossop**, Victoria University of Wellington, New Zealand)
- 12.00-2.00 Lunch

DAY TWO AFTERNOON (2.00pm-3.30pm)

Session 4: Chaired by Michel Paoletti, Vice Chair FPTPEC Polynesia

Oceans as a means of communication and development

Sea is a crucial means for transportation and communication for economies with Pacific coastlines and particularly for Pacific islands. Well established sea lines as well as submarine infrastructure allow for the essential passage of goods and services across the seas and help these island economies

enhance competitiveness and prevent economic isolation despite the obvious challenges brought by geographic constraints.

- 2.00-2.25 Servicing the broad footprint of customers in the Pacific, an operator perspective
(**Ms. Blandina Diamond**, Logistics Manager, New Zealand Steel, NZ)
- 2.25-2.50 The Pacific market for submarine cable systems: Opportunities and challenges
(**Mr. Emmanuel Delanoue**, Head of APAC Sales & Marketing, Alcatel-Lucent Submarine Networks)
- 2.50-3.15 Trade and investment impacts of submarine cable disruption
(**Mr. John Ballingall**, Deputy Chief Executive, NZ Institute of Economic Research, Wellington, NZ)
- 3.15-3.30 Coffee Break

Session 5: Conclusion and recommendations (3.30pm-4.30pm)

Roundtable discussions: Presentation of the recommendations by sessions chairs
Closing remarks by Mr. Denis McNamara and Prof. Jean Luc Le Bideau

- 6.00 Cocktail (hosted by FPTPEC)
(Harbourside Seafood & Grill)