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SPC  
Secretariat  
of the Pacific  
Community

In partnership with:



## CRISP Economic Workshop “Investing in Coral Reefs: Is it worth it?”

22 – 26 November, 2010

Secretariat of the Pacific Community  
Noumea, New Caledonia

Funded by:  
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<b>Day 1</b> Monday 22 Nov.	<b>“Where does this workshop fit regarding coral reef economics around the world?”</b>
8:30 am – 9:00 am 9:00 am – 9:30 am  9:30 am – 10:00 am	<p style="text-align: center;"><b><u>Opening Session</u></b></p> <p>Registration Welcome and Opening remarks Speakers: SPC, AFD, IRCP, IUCN and SPREP</p> <p>Objectives and structure of the Workshop (Eric Clua – SPC/CRISP) Introduction of the Workshop facilitator (Andrew Seidl) + assistant facilitator (Jean-Baptiste Marre) Introduction of participants</p>
10:00 am – 10:30 am	Coffee/tea break
10:30 am – 11:50 am	<p><b>Session 1: PLENARY – Overview on the global context of economic valuation in the domain of coral reef ecosystems</b></p> <ul style="list-style-type: none"> <li>• Presentation 1 (20’): “History and role of environmental and resource economists” (speaker: Gilbert David – IRD)</li> <li>• Presentation 2 (20’): “The Millenium Economic Assessment (MEA) and The Economics of Ecosystems and Biodiversity (TEEB): interest and limitations” (speaker: Clive Wilkinson – RRRC)</li> <li>• Presentation 3 (20’): “Overview on the use of economical tools as a support for decision-making in biodiversity conservation” (speaker: Yann Laurans – IDDRI)</li> <li>• Presentation 4 (20’): Overview on the status of coral reef economics in the Pacific region” (Speaker: Padma Lal – UICN Oceania)</li> </ul> <p><i>Learning objective:</i> <i>Participants understand the ongoing challenges at a global level</i></p>
11:50 am – 12:00	<p><b>Questions and remarks</b></p> <ul style="list-style-type: none"> <li>• Open discussion on previous presentations and agreement over the workshop agenda</li> </ul> <p><i>Learning objective:</i> <i>Participants understand the context and interest of the ongoing workshop</i></p>
12:00 – 1:30 pm	Lunch SPC deck (close to conference room)
1:30 pm – 3:00 pm	<p><b>Session 2: PLENARY – Presentation of ongoing projects based on economic valuation (10’ Presentations)</b></p> <ul style="list-style-type: none"> <li>• Presentation 1: ICRI</li> <li>• Presentation 2: WRI</li> <li>• Presentation 3: IUCN</li> <li>• Presentation 4: USP/SPREP</li> <li>• Presentation 5: NOAA</li> <li>• Presentation 6: Earth Collective/SPREP</li> <li>• Presentation 7: SPREP</li> <li>• Presentation 8: IFRECOR</li> <li>• Presentation 9: CI</li> </ul> <p><i>Learning objectives:</i> <i>Participants learn about existing projects with connected objectives</i></p>
3:00 pm – 3:30 pm	Coffee/tea break
3:30 pm – 5:00 pm	<b>Session 2 (Ctd): PLENARY – Presentation of ongoing projects based on economic</b>

	<p><b>valuation</b> (10' Presentations)</p> <ul style="list-style-type: none"> <li>• Presentation 10: CRISP/SPC</li> <li>• Presentation 11: IVM</li> <li>• Presentation 12: IRD</li> <li>• Presentation 13: CEMARE</li> <li>• Presentation 14: CSIRO</li> <li>• Presentation 15: Oréade-Brèche</li> </ul> <p>Synthesis and discussion (30'): general trends and choices suggested by present initiatives</p> <p><i>Learning objectives:</i>  <i>Participants have a better idea about what should be assessed during the WS</i></p>
6:30 pm	<b>BBQ offered @ SPC Social Club</b>

<b>Day 2</b> Tuesday 23 Nov.	<b>“What did we learn from previous experiences and field projects?”</b>
8:30 am – 9:00 am	<b>Synthesis: Review of previous day outcomes and objectives of the day</b>
9:00 am – 10:00 am	<p><b>Session 3: WORKING GROUPS – Synthesis of case studies per tools and economic domains</b></p> <ul style="list-style-type: none"> <li>• Working group 1: Total Economic Values<sup>1</sup></li> <li>• Working group 2: Cost Benefit Analysis on Marine Areas<sup>2</sup></li> <li>• Working group 3: Sustainable funding of Marines Areas<sup>3</sup></li> <li>• Working group 4: Others<sup>4</sup></li> </ul> <p><i>Learning objectives:</i> <i>Participants provide information from their own experience to synthesize lessons learned in the main economic domains</i></p>
10:00 am – 10:30 am	Coffee/tea break
10:30 am – 12:00	<p><b>Session 3 (Ctd): WORKING GROUPS – Synthesis of case studies</b> (some people may shift from one WG to another depending on their different focus)</p> <ul style="list-style-type: none"> <li>• Working group 1: Total Economic Values</li> <li>• Working group 2: Cost Benefit Analysis on Marine Areas</li> <li>• Working group 3: Sustainable funding of Marines Areas</li> <li>• Working group 4: Others</li> </ul> <p><i>Learning objectives:</i> <i>Presentations are finalized for the afternoon discussion on lessons learned</i></p>
12:00 – 1:30 pm	Lunch SPC deck
1:30 pm – 3:00 pm	<p><b>Session 4: PLENARY – Presentations of synthesis from case studies</b> (30’ presentation + 15’ questions/discussion)</p> <ul style="list-style-type: none"> <li>• Presentation 1: Total Economic Values</li> <li>• Presentation 2: Cost Benefit Analysis on Marine Areas</li> </ul> <p><i>Learning objective:</i> <i>Participants know about ground studies to be analyzed for lessons learned</i></p>
3:00 pm – 3:30 pm	Coffee/tea break
3:30 pm – 4:30 pm	<p><b>Session 4 (Ctd): PLENARY – Validation of methodologies and results</b></p> <ul style="list-style-type: none"> <li>• Presentation 3: Sustainable funding of Marines Areas</li> <li>• Presentations 4: Others</li> <li>• Discussion: Which lessons learned can we get from these syntheses of studies? What impacts have been assessed?</li> </ul> <p><i>Learning objective:</i> <i>Participants agree about key messages to be used and discussed in Day 4</i></p>
4:30 pm – 5:00 pm	Remarks and questions

Pre-identified participants are:

<sup>1</sup> E. Gaskin, P. Holland, Y. Laurans, M. Manley

<sup>2</sup> L. Brander, N. Pascal, J.-Y. Wiegel, T. Binet, L. Pendleton

<sup>3</sup> C. Mahé, S. Miller, L. Pendleton

<sup>4</sup> P. Lal, V. Ram, N. Conner, O. Thebaud

<p><b>Day 3</b> Wednesday 24 Nov.</p>	<p><b>“What do we keep? What do we dump? How do we improve?”</b></p>
<p>8:30 am – 9:00 am</p>	<p><b>Synthesis: Review of previous days and objectives of the day</b></p> <ul style="list-style-type: none"> <li>• Debriefing of outcomes from Day 1 and 2</li> <li>• Setting up of working group and briefing</li> </ul> <p><i>Learning objectives:</i> <i>Participants know what is expected from them throughout the WG process</i></p>
<p>9:00 am – 10:00 am</p>	<p><b>Session 5: WORKING GROUPS (2 x 10 persons)</b></p> <ul style="list-style-type: none"> <li>• Topic to be addressed: “Coral reef ecosystem services (ES): proposals for reef contributive factors calculations, spatial distribution of ES, determination of maximum sustainable values for fishery and tourism, management of uncertainties, non-use values in the Pacific, value projections and discount rates. Implementation of payments for coral reef ecosystem services: tradable licenses, incentives, compensation, etc. Feasibility in the Pacific context.”</li> <li>• WG1 and WG2 will be addressing the same topics in parallel.</li> </ul> <p><i>Learning objectives:</i> <i>Participants better understand the interest and issues linked to the concept of ES</i></p>
<p>10:00 am – 10:30 am</p>	<p>Coffee/tea break</p>
<p>10:30 am – 12:00</p>	<p><b>Session 5 (Ctd): WORKING GROUPS (Ctd)</b></p> <p><i>Learning objectives:</i> <i>Participants agree about a synthesis on the topic</i></p>
<p>12:00 – 1:30 pm</p>	<p>Lunch SPC deck</p>
<p>1:30 pm – 3:00 pm</p>	<p><b>Session 6: PLENARY – Restitution of WG</b> <b>“Validation of methods and challenges for future economic valuations”</b></p> <ul style="list-style-type: none"> <li>• Debriefing WG1 (30’)</li> <li>• Debriefing WG2 (30’)</li> <li>• Discussion (30’)</li> </ul> <p><i>Learning objectives:</i> <i>Participants are informed about the conclusion from the other WG</i> <i>Results are discussed and integrated</i></p>
<p>3:00 pm – 3:30 pm</p>	<p>Coffee/tea break</p>
<p>3:30 pm – 5:00 pm</p>	<p><b>Session 6 (Ctd): PLENARY – Synthesis of WG outputs</b> <b>“Validation of methods and challenges for future economic valuations”</b></p> <ul style="list-style-type: none"> <li>• Open discussion</li> <li>• Final synthesis</li> </ul> <p><i>Learning objectives:</i> <i>End with clear recommendations about the most interesting methods to be promoted in the context of the Pacific region</i></p>

<p><b>Day 4</b> Thursday 25 Nov.</p>	<p><b>“How can we better use what we have learned from our experiences?”</b></p>
<p>8:00 am – 12:00</p>	<p><b>OPEN MORNING</b> (Conference room booked for another meeting) or <b>SNORKELLING</b> at Signal Islet with Aquanature</p>
<p>12:00 – 1:30 pm</p>	<p>Lunch (Not provided by SPC)</p>
<p>1:30 pm – 3:00 pm</p>	<p><b>Session 7: PLENARY – OVERVIEW ON PRELIMINARY FINDINGS OF THE WS FOR INCOMING ATTENDANTS</b></p> <ul style="list-style-type: none"> <li>• Presentation by the facilitator</li> <li>• Questions/discussion</li> </ul> <p><i>Learning objectives:</i> <i>New participants in the WS understand what was achieved through the WS so far</i></p>
<p>3:00 pm – 3:30 pm</p>	<p>Coffee/tea break</p>
<p>3:30. pm – 5:00 pm</p>	<p><b>Session 8: PLENARY – OVERVIEW ON DECISION-MAKERS AND MANAGERS NEEDS</b></p> <ul style="list-style-type: none"> <li>• Presentation by donor agencies (AFD, FFEM, etc.)</li> <li>• Presentation by Managers (Provinces...)</li> <li>• Open discussion</li> </ul> <p><i>Learning objectives:</i> <i>Participants of the WS understand what are the expectations of the decision-makers and managers</i></p>

<b>Day 5</b> Friday 26 Nov.	<b>“What’s the next step?”</b>
8:30 am – 10:00 am	<p><b>Session 9: WORKING GROUPS (2 x 15 persons)</b></p> <ul style="list-style-type: none"> <li>• WG1: “What approaches and what kind of information would be useful to decision-makers?”</li> <li>• WG2: “What approaches and what kind of information would be useful to managers?”</li> </ul> <p><i>Learning objectives:</i> <i>Acknowledge the potentials and limits of economic assessments outputs. Integrate economy in interdisciplinary approaches</i></p>
10:00 am – 10:30 am	Coffee/tea break
10:30 am – 12:30	<p><b>Session 10: Restitution of WG outputs</b></p> <ul style="list-style-type: none"> <li>• Debriefing WG1 (20’)</li> <li>• Debriefing WG2 (20’)</li> <li>• Discussion and synthesis (50’)</li> </ul> <p><i>Learning objectives:</i> <i>End session with clear recommendations about objectives and methodologies that should be used for the next studies</i> <i>End session with clear recommendations about how messages should be formatted according to the different targets</i></p>
12:30 – 1:30 pm	Lunch
1:30 pm – 2:30 pm	<p><b>Setting up of procedures for coordinating and validating methodologies of economic studies in the Pacific</b></p> <ul style="list-style-type: none"> <li>• Presentation of the PREEN (Pacific REsource Economist Network)</li> <li>• What process is to be adopted?</li> </ul> <p><i>Learning objectives:</i> <i>Participants know about a legitimate process for validating economical methodologies</i></p>
2:30 pm – 4:00 pm	<p><b>Session 11: PLENARY – Validation of conclusions and actions to be undertaken</b></p> <ul style="list-style-type: none"> <li>• Presentation of conclusions (30’)</li> <li>• Proposals for actions to be implemented (30’)</li> <li>• Discussion (30’)</li> </ul> <p><i>Learning objectives:</i> <i>Participants agree on conclusions</i></p>
4:00 pm – 4:30 pm	Coffee/tea break
4:30 pm – 5:30 pm	<p><b>Session 12: PLENARY – Wrap up and closing of the WS</b></p> <p><b>Overall evaluation of participants</b></p> <ul style="list-style-type: none"> <li>• CRISP Closing speech (10’)</li> </ul>
6:15 pm – 7:45 pm	<p><b>CRISP cocktail</b></p> <p>SPC deck</p>
8:00 pm – 10:00 pm	<p><b>REEF BIODIVERSITY SIDE-EVENT (SPC Conference Room)</b></p> <ul style="list-style-type: none"> <li>• Video-conference with the National Museum of Natural History in Paris organized around the coral reef spawning event to take place on the 26th of November;</li> <li>• Presentation of different projects and institutions supporting the sustainable development of reef biodiversity in New Caledonia;</li> <li>• Questions and debate. Event open to a wide audience.</li> </ul>

**PRELIMINARY LIST OF PARTICIPANTS  
DAYS 1 to 3**

<b>Surname</b>	<b>First name</b>	<b>Organisation</b>	<b>Country</b>
<b>Binet</b>	Thomas	CEMARE	UK
<b>Bower</b>	Jonathan	SPC	
<b>Brander</b>	Luke	IVM	Hong Kong
<b>Mahé</b>	Charles	AAMP	France
<b>Clément</b>	Thierry	Oréade-Brèche	France
<b>Clua</b>	Eric	CRISP	New Caledonia
<b>Conner</b>	Nicholas	WCPA (IUCN)	Australia
<b>David</b>	Gilbert	IRD	La Réunion
<b>Gardes</b>	Lionel	AAMP / IFRECOR	New Caledonia
<b>Gaskin</b>	Emily	NOAA	American Samoa
<b>Holland</b>	Paula	SOPAC	Fiji
<b>Lal</b>	Padma	IUCN ORO	Fiji
<b>Laurans</b>	Yann	IDDRI - Sc. Po	France
<b>Marre</b>	Jean-Baptiste	AgroParistech	France
<b>Pascal</b>	Nicolas	CRIOBE	French Polynesia
<b>Pendleton</b>	Linwood	ICRI/ Duke university	USA
<b>Seidl</b>	Andrew	IUCN HQ	Australia
<b>Taei</b>	Sue	CI	Samoa
<b>Thebaud</b>	Olivier	CSIRO	Australia
<b>Vieux</b>	Caroline	SPREP	Samoa
<b>Bidesi</b>	Vina	USP	Fidji
<b>Weigel</b>	Jean-Yves	IRD	France
<b>Wilkinson</b>	Clive	RRRC	Australia