



Member’s report on activities to ICRI

Presented by

International Union for Conservation of Nature (IUCN)

Reporting period April – December 2009

1. General Information

Are you an ICRI Member?	
Representation to ICRI (Country / Organization):	
Focal Point 1:	
<i>Name:</i>	Carl Gustaf Lundin
<i>Organization:</i>	IUCN Global Marine Programme
<i>Email:</i>	carl.lundin@iucn.org
Focal point 2:	
<i>Name:</i>	Jerker Tamelander
<i>Organization:</i>	IUCN Global Marine Programme
<i>Email:</i>	jerker.tamelander@iucn.org
Last meeting attended:	Phuket, April 2009
How do you circulate ICRI information within your country and/or organization?	Email
Budget allocated for coral reef related activities (please mention for year/period):	

2. Updates on activities (new initiatives/programs/projects of your government /organization which will be of interest to the ICRI Members)

IUCN attended the International Marine Management Congress, held in Fairfax, Va, USA, 20-24 May 2009, organizing three workshops on various aspects of resilience to climate change as well as other events. IUCN also attended an IMPAC 2 / WCPA - Marine Event held 25 May 2009 at NOAA, Silver Spring, Maryland, USA.

IUCN participated in the ICRI Side event organized in association with the climate change meetings in Copenhagen, 9 December 2009. The event, held at the US Pavilion at the Bella Centre, was very well attended, with presentations by Berengere Quincy, Ambassador of France to Denmark; Ronny Jumeau, Permanent Representative of Seychelles to the UN and Ambassador to the USA; Dr. Ove Hoegh-Guldberg, University of Queensland; and Jerker Tamelander of IUCN.

IUCN has initiated a Protect Planet Ocean Review of MPAs in the Wider Caribbean. This in-depth regional analysis is conducted in partnership with TNC and other organizations, and implemented through the network of World Commission on Protected Areas (WCPA) - Marine regional coordinators and other experts. The review will:

- Assess country and regional commitments to ocean protection, and identify gaps;
- Refine data on existing MPAs and their effectiveness and provide higher resolution identification of success factors, highlighting management successes in case studies
- Identify challenges that are impeding the region from meeting commitments; and

- Provide science-based recommendations that can be implemented on the ground to achieve CBD targets.

Similar reviews will with time also be carried out in other WCPA regions.

IUCN has entered into a Memorandum of Understanding with the Inter-American Development Bank, formalizing a framework for collaboration to strengthen the ability of developing countries to environmental and development issues related to, inter alia, climate change; marine and coastal resources management; and gender and poverty. The MoU was signed on 29 October 2009 and is in force for an indefinite period.

IUCN and UNEP has initiated collaboration on development of applications for incorporating tropical coastal ecosystem resilience and climate change vulnerability assessments into marine spatial planning for use by planners and decision-makers; advice on regional agreements on deep-sea fisheries and associated compliance; and synthesis and dissemination of a UNEP LME report. The activities will be carried out through IUCN's Global Marine Programme (GMP) and Working Group on Climate Change and Coral Reefs (CCCR) during 2010. The 1st meeting of the UNEP, TNC, CORDIO, NCRI, IUCN Working Group on "Integrating ecological resilience into spatial conservation planning on coral reefs" was held in Marsa Alam, Egypt, 23-27 November 2009.

The IUCN project "Coral Reefs and Climate Change in Marsa Alam, Egypt: Addressing a global threat locally" is implemented in partnership with the travel company Kuoni and national organizations. The project aims to increase public awareness regarding climate change and marine resources and empower local managers to address and manage traditional human threats within the context of climate change.

In collaboration with ICRI, US Department of State and Oceanographic Research Institute South Africa, IUCN organized a Coral Reef CSI training workshop for East Africa in Sodwana, South Africa, in November 2009. The workshop was attended by scientists, resource managers, law enforcement officers and litigators from Kenya, Tanzania, Mozambique and South Africa. The workshop received very positive feedback and requests have been made for a similar workshop for the Western Indian Ocean Islands.

IUCN was endorsed as new non-country PEMSEA member at the PEMSEA East Asian Seas Congress 23-27 November 2009. The Mangroves for the Future initiative conducted a Governance Workshop entitled "Opportunities for a Sustainable Regional Mechanism for Governmental/Civil Society Collaboration on ICM in the Indian Ocean Region" at the EAS Congress. An MoU between PEMSEA and IUCN Asia Regional Office was signed in April 2009.

IUCN organized an International and Regional Workshop on Climate Change Adaptation Strategies and Actions for Coastal Areas, conducted by MFF, USAID, NOAA, URI and Ministry of Maritime Affairs and Fisheries, Indonesia at the World Ocean Conference in Manado, North Sulawesi, Indonesia.

MFF National Capacity Building activities implemented include two colloquia on Mangrove Rehabilitation Efforts in Sri Lanka; Four workshops on Lessons Learned from projects funded under the MFF small grants scheme in Sri Lanka (East coast, Ruhuna, Puttalam and Maduganga); an Integrated Ecosystem Management Training Course at the Coastal Institute Asia in Thailand; a Training workshop on Adaptation Strategies for Climate Change, Thailand; and the Workshop "Mangrove Rehabilitation Lesson Learn from Nakorn Sri Thammarat" organized by MFF Thailand and Stockholm Environment Institute.

Large Projects implemented under MFF include:

- Reversing Environmental Damage through Community Focused Sustainable Livelihoods in Ban Don Bay, Surat Thani province, Southern Thailand. Wetlands International Thailand Office, Thailand

- Alternative livelihood options for vulnerable mangrove resource users in the Sundarban Tiger Reserve, West Bengal, India. Sundarban Biosphere Reserve of the Department of Forest, Government of West Bengal, India
- Ecosystem-based Integrated Coastal Resources Management through Multi-Stakeholder participation in Southern Thailand. Sustainable Development Foundation (SDF), Thailand
- Evaluating and improving the management effectiveness of Thailand's Marine and Coastal Protected Areas. Proposed by: Thailand's Department of National Parks, Wildlife and Plant Conservation (DNP), Thailand (Peter Shadie)
- Promoting community participation in integrated coastal management in the North Western Province of Sri Lanka. Sri Lanka Nature Forum (SLNF), Sri Lanka
- Increasing the resilience of coastal and riverine communities to climate change and other threats, by conserving the ecosystem services of the Maha Oya and associated coastal wetlands in Sri Lanka. Environmental Foundation Ltd (EFL), Sri Lanka
- Enhancing Community and Island Ecosystem Resilience through Innovative Technology and Food Security. Maldives: Baa Atoll Maalhos, Goidhoo, Kudarikulu, Dharavandhoo.
- A project is being initiated in the Seychelles.

In 2010 IUCN Oceania is initiating a mangrove initiative focusing on 5 countries in the Pacific: Fiji, Solomon Islands, Vanuatu, Tonga, and Samoa, in collaboration with SPREP and other partners and with support from the German BMU (Environment Department).

In January 2010 IUCN is launching a project entitled "Building consensus for addressing marine Invasive Alien Species: Filling critical awareness and capacity gaps". The two-year project, supported by Total Corporate Foundation and implemented in partnership with Globallast/IMO and World Maritime University, will identify gaps in awareness raising and capacity building in relation to marine IAS; create an online, searchable meta-database for available marine IAS awareness raising and capacity building materials; and enhance awareness and capacity among maritime administrators and in relevant institutions through targeted interventions.

In 2010 IUCN will launch a project funded by Kuwait Environment Public Authority (EPA), aiming to assess the status of Kuwait's coral reefs and develop a long-term monitoring program. The project will use a participatory approach for development of area specific visions for marine ecosystem management and development.

Upcoming capacity building activities in the Middle East include a Regional Training Workshop on Identification and Assessment of Shark Species in Mukalla, Yemen, December 2010, and a Regional Training Workshop on Management of Marine Protected Areas in Jeddah, Saudi Arabia in July 2010, both conducted jointly with Regional Organization for the Conservation of the Red Sea and Gulf of Aden (PERSGA), and a training workshop on impact of climate change on marine ecosystem organized jointly with the Islamic Organization for Education, Science and Culture (ISESCO) in Aqaba, Jordan (time TBD).

3. **Contribution to the ICRI GM:**

A resilience survey of Bonaire National Marine Park (BNMP) was conducted by IUCN, BNMP and other partners in June 2009. This included a review of relevant literature, training of a field team of 10 and detailed data collection at 21 sites. A final report is being compiled.

IUCN is also engaged in the development of two projects addressing IAS in the Caribbean: an IUCN-led project focusing on French and other EU overseas territories, and a larger GEF project involving CABI, GISP and other partners.

In collaboration with CORDIO, CCCR, national and local institutions, IUCN has worked in Man and the Biosphere Reserves in the Gulf of Mannar, India as well as Malindi-Watamu and Kiunga, Kenya. Activities include coral reef monitoring, reef and seagrass mapping and monitoring, reef resilience assessment and training, coral bleaching assessments, targeted research focusing on the symbiotic

relationship between coral and zooxanthellae as well as reef restoration, as well as socioeconomic monitoring and livelihoods support.

Publications and reports released since April 2009

Herr D and Galland GR 2009. The Ocean and Climate Change. Tools and Guidelines for Action – Executive Summary. IUCN, Gland, Switzerland. 12 pp

Herr D and Galland GR 2009. The Ocean and Climate Change. Tools and Guidelines for Action. IUCN, Gland, Switzerland. 72 pp

Marshall N.A., Marshall P.A., Tamelander J., Obura D., Malleret-King D. and Cinner J.E. 2009. A Framework for Social Adaptation to Climate Change: Sustaining Tropical Coastal Communities and Industries. IUCN, Gland, Switzerland.

Grimsditch G., Tamelander J., Mwaura J., Zavagli M., Takata Y., Gomez T. (2009) Coral Reef Resilience Assessment of the Pemba Channel Conservation Area, Tanzania. IUCN, Gland, Switzerland. 40pp.

Obura D (2009) Coral Reef Resilience Assessment of the Nosy Hara Marine Protected Area, Northwest Madagascar. Gland, Switzerland: IUCN. 35pp.

David Obura & Gabriel Grimsditch (2009). Coral Reefs, Climate Change and Resilience – An agenda for action from the IUCN World Conservation Congress. October 6-9 2008. 44 pages.

Green, A.L. and Bellwood, D.R. (2009). Monitoring functional groups of herbivorous reef fishes as indicators of coral reef resilience – A practical guide for coral reef managers in the Asia Pacific region. IUCN working group on Climate Change and Coral Reefs. IUCN, Gland, Switzerland. 70 pages.

GCRMN 2009. Climate Change and Coral Reefs – Consequences of Inaction. Information leaflet targeted at policy makers launched in Copenhagen 9 December 2009.

Laffoley, D.d'A. & Grimsditch, G. (eds). 2009. The management of natural coastal carbon sinks. IUCN, Gland, Switzerland. 53 pp

Nellemann, C., Corcoran, E., Duarte, C. M., Valdés, L., DeYoung, C., Fonseca, L., Grimsditch, G. (Eds). 2009. Blue Carbon. A Rapid Response Assessment. United Nations Environment Programme, GRID-Arendal, www.grida.no

IUCN 2009. Marine Menace - Alien invasive species in the marine environment. IUCN Global Marine Programme 2009, International Union for Conservation of Nature, Gland, Switzerland. 32pp

UICN 2009. Menace en mer - les espèces exotiques envahissantes dans l'environnement marin. Le Programme Marin Mondial de l'UICN 2009. Union internationale pour la conservation de la nature, Gland, Suisse 32pp

UICN 2009. Amenaza marina - especies exóticas invasoras en el entorno marino. El Programa Marino Mundial de la UICN 2009. Unión Internacional para la Conservación de la Naturaleza, Gland, Suiza. 32pp

The above publications are available at:

http://iucn.org/about/work/programmes/marine/marine_resources/marine_publications/

<http://iucn.org/cccr/publications/>

Through the MFF initiative the following has been published:

Short Films and Documentaries

- “Investing in Coastal Ecosystems” MFF promotional short film on coastal ecosystems under threat- Thai version
- “Heads Above Water” BBC Earth Report on Mangroves and sealevel rise in Indonesia and Viet Nam <http://www.mangrovesforthefuture.org/BBC-Earth-Report.html>
- “The Perfect Species” Shortfilm on mud-crabs and mudskippers, the climate change fish
- “The village of Rejorsori” shortfilm on adapting life to a changing coastal environment- a human perspective
- “Raise high the roof beam, and plant some mangroves too” – adapting to climate change
- “The rising sea” the case of Semarang, North coast of Central Java (short film)
- India’s Mangroves- a film about India’s mangrove species and its goods and services
- Maldives Media Project: ‘Green Journal’ is part of the Environmental Awareness Media Project (EAMP) and aims to address coastal environmental issues and introducing solutions, highlighting NGOs and other groups at local and national level successes through an interactive weekly radio show. The project will also produce an original environmental song album performed by well known artists and lyricists.

Valuing Biodiversity-The economic case for biodiversity conservation in the Maldives (http://www.mangrovesforthefuture.org/Assets/documents/Economic_case_for_biodiversity_in_the_maldives_1.pdf)

Paphavasit, N., Asornkoae, S and De Silva, J. (2009) Tsunami Impact on Mangrove Ecosystems, Thailand Environment Institute, Thailand. ISBN: 978-974-8479-34-7

ICRI and Other Meetings - Are you considering attending any of the following meetings in 2009?

- 15th meeting of the Conference of the Parties (CoP15) to the Convention on International Trade in Endangered Species of Wild Fauna and Flora
Doha, Qatar, from 13 to 25 March 2010

YES (IUCN will be represented at the meeting, although not by ICRI Focal Point or Deputy Focal Point)

- 5th Global Oceans Conference: Ensuring Survival, Preserving Life, and Improving Governance:
 - o Policy, Science, and Technical Symposium (May 3-4, 2010)
 - o Policy Conference (May 6-7, 2010)

YES

- 10th Meeting of the conference of the Parties to the convention on Biological Diversity (COP 10), October 18-29, 2010, Nagoya, Japan

YES (IUCN will be represented at the meeting, possibly by ICRI Focal Point or Deputy Focal Point)

- Other (please specify):