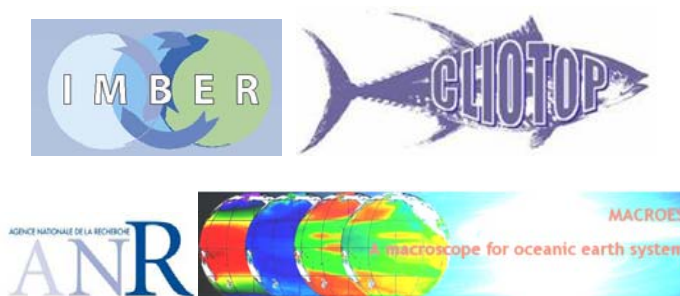




Global science for global governance of oceanic ecosystems and fisheries

Planet Under Pressure Conference

25 & 27 March 2012, London.



Modern human societies are responsible for major perturbations to oceanic ecosystems worldwide. These stressors threaten the sustainability of marine fisheries and often have unknown and unknowable impacts on other ecosystem services such as carbon sequestration. New approaches for linking cutting-edge science to policy are needed if we are to sustainably feed the growing mass of humans while preserving ecosystem integrity, biodiversity, associated ecosystem services, the well-being of artisanal fishing communities and the profitability of industrial fleets that operate in the same globalized markets.

To start addressing this broad and complex question, CLIOTOP is organizing a Special Session at the Planet Under Pressure conference during March in London. The galvanizing theme of the session is a focus on new science, new integrative models, pathways and bottlenecks towards the multi-scale governance of social-ecological oceanic systems for sustainability. It will be highly multidisciplinary with a range of interests, spanning climate, oceanography, marine biogeochemistry and ecology, fishery science, economy, political science and international law. It will furthermore emphasize the necessary interactions between policy and science and bring together both scientists and policy makers involved in oceanic fisheries management at national and international (e.g., RFMOs) levels.

The session is co-convened by Drs Olivier Maury, Kathleen Miller, Raghu Murtugudde, Liam Campling and Olivier Aumont. It is co-sponsored by IMBER-CLIOTOP (<http://www.imber.info/index.php/Science/Regional-Programmes/CLIOTOP>) and the ANR-MACROES Project (<http://www.macroes.ird.fr/>). For more information please contact Olivier.Maury@ird.fr.

To accommodate more talks and allow for more discussion, the session is split over two days: one afternoon side session held on Sunday the 25th and preceding the Conference Session on Tuesday the 27th. The side Session will be held at the Crowne Plaza London - Docklands Hotel which is just a few minutes from the conference building and the Tuesday Session will take place at the new London International Convention Centre (ICC) at Excel.

Day 1

Sunday 25 March 13:00 - 19:00, Hotel Crowne Plaza London - Docklands

International oceanic fisheries management systems. *By* Glenn Hurry, Executive Director of the Western and Central Pacific Fisheries Commission (WCPFC), Federated States of Micronesia.

The PICES FUTURE Program: Human Dimensions in the North Pacific. *By* Mitsutaku Makino, Fisheries Research Agency, Japan.

From climate change and ocean acidification projections to marine biogeochemistry and ecosystems: recent modelling efforts at the global scale. *By* Laurent Bopp, CNRS, LSCE, France.

The network structure of the global tuna supply chain: Stakes, visualization, modelling and scenarios. *By* Christian Mullon, IRD, EME, France.

The challenge of change: dynamic governance and integrative science for resilient fisheries and marine social-ecological systems. *By* Anthony Charles, Saint Mary's University, Canada.

International law of the sea and new challenges of ocean governance. The example of increasing coastal State's sovereignty on seas regarding climate changes. *By* Florence Galletti, IRD, EME, France, Bertrand Cazallet and François Ferral, Univ. Perpignan, CERTAP, France.

Modelling the effect of climate change and exploitation on the population dynamics and distribution of skipjack tuna in the global oceans. *By* Sibylle Dueri, IRD, EME, France.

State of the world's marine fisheries and potential ways towards sustainability. *By* Yimin Ye, Fisheries and Aquaculture Department, FAO, Italy.

Beyond fisheries 'management'? The role of competition and market power in industrial tuna fisheries. *By* Liam Campling, School of Business and Management, Queen Mary, University of London, UK.

Sustainable harvesting: learning from the whales. *By* Victor Smetacek, Alfred Wegener Institute, Germany.

Exploring various pathways to sustainability through innovation in fisheries management and governance. *By* C. Harris, MRAG, UK, R. Arthur, MRAG, UK & D. Agnew, MSC, UK.

Day 2

Tuesday 27 March 10:30 - 12:00, London International Convention Centre (ICC)

Getting Science into Global Tuna Stewardship: recent advances in the tuna RFMOs. *By* Rebecca Lent, Director, Office of International Affairs, NOAA, USA.

Pardo's dream? Some comments on the international legal and institutional framework for global governance of oceanic ecosystems and fisheries: issues, trends and challenges. *By* Jean François Pulvenis de Séligny-Maurel, former Director of the Fishery and Aquaculture Economics and Policy Division, FAO, Senior Policy Advisor at the Inter American Tropical Tuna Commission (IATTC), USA.

Living Resources of the World Ocean, particularly of the High Sea. *By* Sidney Holt, former Director of the Fisheries Resources Division of FAO, former Secretary of Unesco's Intergovernmental Oceanographic Commission, UK.

Solving a fisheries crisis through global cooperation in organizational networks. *By* Henrik Österblom & O. Bodin, Stockholm Resilience Centre, Sweden.

Game theoretic insights on cooperation and conflict in oceanic ecosystem governance. *By* Kathleen Miller, NCAR, USA.