



## ICES Deep-sea Symposium

27-30 April 2009, Horta, Azores, Portugal

### Issues Confronting the Deep Oceans (ICDO): The Economic, Scientific, and Governance Challenges and Opportunities of Working in the Deep Sea

#### Aim:

With increasing pursuit of new food, energy, mineral, and medicinal resources, technological advancements have made exploration and exploitation of the deep ocean (depths >200m) more possible today than ever before. With human activities expanding into the deep ocean, issues such as understanding deep ocean ecosystems, resilience of deep ocean resources to human disturbance, developing science-based regulations to ensure protection and sustainability, and being able to enforce existing and future management regulations are becoming priorities. Whether it be assessing deep ocean fisheries, habitats, potential energy and mineral resources, or potential development of high sea marine protected areas, pulling all interested stakeholders together (e.g., industry, enforcement, scientists, decision makers) under one symposia is thought never to have ever adequately occurred. This proposed symposium clearly addresses ICES goals of understanding the physical, chemical, and biological functioning of marine ecosystems as well as quantifying human impacts on marine ecosystems, including living marine resources.

#### Theme Sessions:

- A – Governance and Legal Considerations
- B - Energy and Mineral Exploration and Development
- C - Deep-Sea Technology Research and Development
- D - Climate Change and Ocean Acidification
- E - Fisheries and Ecosystem Sustainability and Conservation
- F - Biotechnology

#### Time table:

- \* Submission of abstracts: deadline 31 January 2009
- \* Registration/Payment: deadline 28 de February 2009
- \* Preliminary Programme: March 2009

#### General information:

- Peer reviewed papers from the symposium will be published in 2010 in a special volume of the *ICES Journal of Marine Science*.
- Registration closed once 300 attendees have registered.
- Further information regarding submission of abstracts for oral and poster presentations, themes sessions, important dates may be found at the website of the event:

<http://www.turangra.com/deepocean>

#### Symposium Co-conveners:

- Dr. Gui Menezes (Portugal, University of the Azores) – [gui@uac.pt](mailto:gui@uac.pt)  
Dr. Robert Brock (USA, NOAA) - [Robert.Brock@noaa.gov](mailto:Robert.Brock@noaa.gov)