

Report on the background to the "Rio +20
United Nations Conference on Sustainable
Development, June 2012" — GEBCO related
issues

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Background The “Rio +20” Conference

- Earth Summit 20th anniversary
 - the U.N. Conference on Sustainable Development, 4-6 June 2012.
- Organization
- Role of NGOs
- What others are doing as Preparation

Question for Guiding Committee

- Does GEBCO have a message for Rio +20?

Activities and Issues

- There is a difference between issues and activities.
- An activity might be, e.g. forecasting the weather: this is not the same as the issue of climate change impact.

Human Activities

- **Environmental Stewardship:** Marine Protected Areas Habitat Monitoring Baseline Studies offshore waste disposal impact of sediment transport
- **Fundamental Science** Predictions of climate change, Sea Level Rise Planetary scale observing systems Data Base Management Geological modeling of ocean basin evolution
- **Governance** Network
- **Health & Safety:** Tsunamis and Earthquakes Sewage location, Dredge spoils disposal Oil Spill Readiness Plans Monitoring distribution of chemicals
- **Infrastructure:** Cables & Pipeline, Dredging ports, harbours, navigational warnings oil recovery platforms
- **Sovereignty: Boundaries definition,** Juridical Continental Shelf under UNCLOS Land Use Planning, Marine Cadastre Surveillance, Contraband & Drugs National Heritage Nomenclature
- **Defense** mine counter-measures Submarine navigation and warfare Piracy
- **Sustainable Resource Management:** Fisheries, Aquaculture seabed character, damage to habitats Petroleum & Minerals Need to both to aid and regulate exploration. Assisting the International Seabed Authority Energy from Tide and Waves
- **Transportation** Shipping safe for mariners and cargoes Navigation Opening former ice-covered areas Search and rescue

Issues Facing the Ocean

- There are many concerned organizations, groups and individuals views of the issues facing the oceans—there is no consensus, but there are some common themes. YMMD
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- Sharp decline in fish stocks,
- Marine Habitat Destruction
- Increasing dead zones
- Ocean acidification
- Coastal development:
- Rising temperatures and water levels
- Rising levels of marine pollution.
- Poor Ocean Governance.
- More, more, more.

How does GEBCO contribute

- What do we do in activities?
- What do we do for issues?
- Who do we do these with?

Who are our partners?

- IHO
- IOC
- Nippon Foundation

Nippon Foundation Marine Programs

- 1 NF-UN Partnership Training Programme on Ocean Affairs and the Law of the Sea
- 2 Strengthening Principled Ocean Governance Networks
- 3 Construction of an International Ocean Governance Network
- 4 NF-GEBCO Training Project
- 5 International Association of Maritime Universities
- 6 masters degree at the International Maritime Law Institute
- 7 Training International Tribunal for LOS
- 8 Fellowships at Seafarers International Research Center
- 9 Chairs (Maritime Administration, Marine Environment Management, and Maritime Technology) at the World Maritime University
- 10 NF-UBC Nereus – Predicting the Future Ocean (seafood)

See Human Activities in the Oceans
[Spreadsheet](#)

Turning Theory into Reality

- Workshop of the existing programs