



Selected capacity-building perspectives & approaches:

Law, policy and management - Capacity Development through the International Ocean Institute (IOI)

Werner Ekau
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Content:

- **The International Ocean Institute (IOI) and the consequences of the development of the law of the sea**
- **The Large Marine Ecosystem Approach for sustainable management**



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The International Ocean Institute - IOI



- founded in 1974 by Prof. Elizabeth Mann Borgese, as an
 - independant
 - international
 - non-profit
 - non-governmental
 - Organisation with headquarters in Malta
- has accompanied and driven the development of UNCLOS since 1967



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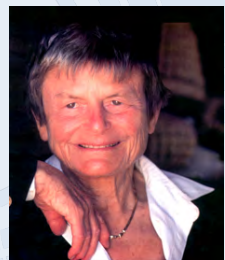
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UNCLOS



- 1967 Approach of Malta in the UN General Assembly
 - Two persons emerging from that event:
 - Arvid Pardo and Elizabeth Mann Borgese
- 1972 They organized the 1st Pacem in Maribus conference
- 1974-82 Third conference on the law of the sea in Caracas
- 10.12.1982 United Nation Convention on the Law of the Sea
- 1994 The law entered into force on 16.11.1994 (66 states ratified)



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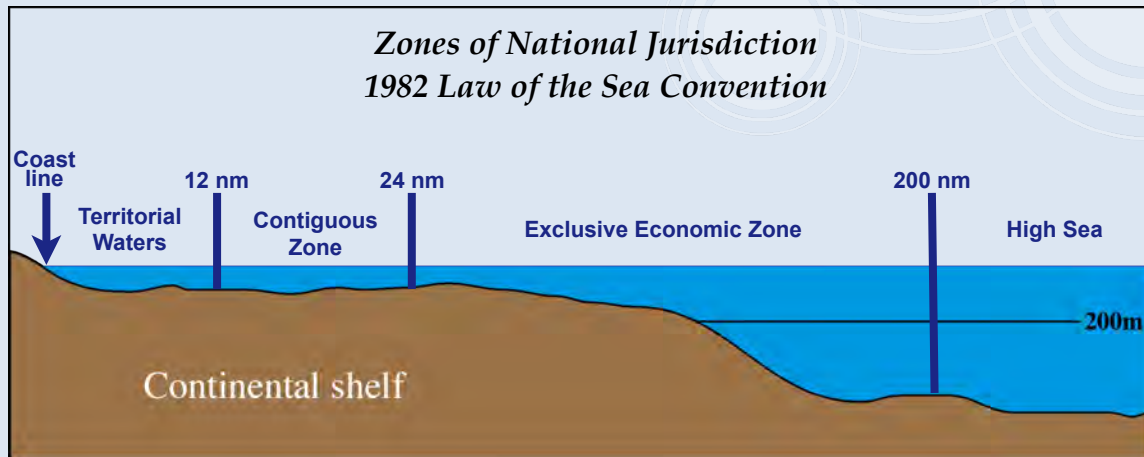
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The Exclusive Economic Zone



–The EEZ is “the area adjacent to a coastal state which encompasses all waters between: (a) the seaward boundary of that state, (b) a line on which each point is 200 nautical miles (370.40 km) from the baseline from which the territorial sea of the coastal state is measured (except when other international boundaries need to be accommodated), and (c) the maritime boundaries agreed between that state and the neighbouring states”.



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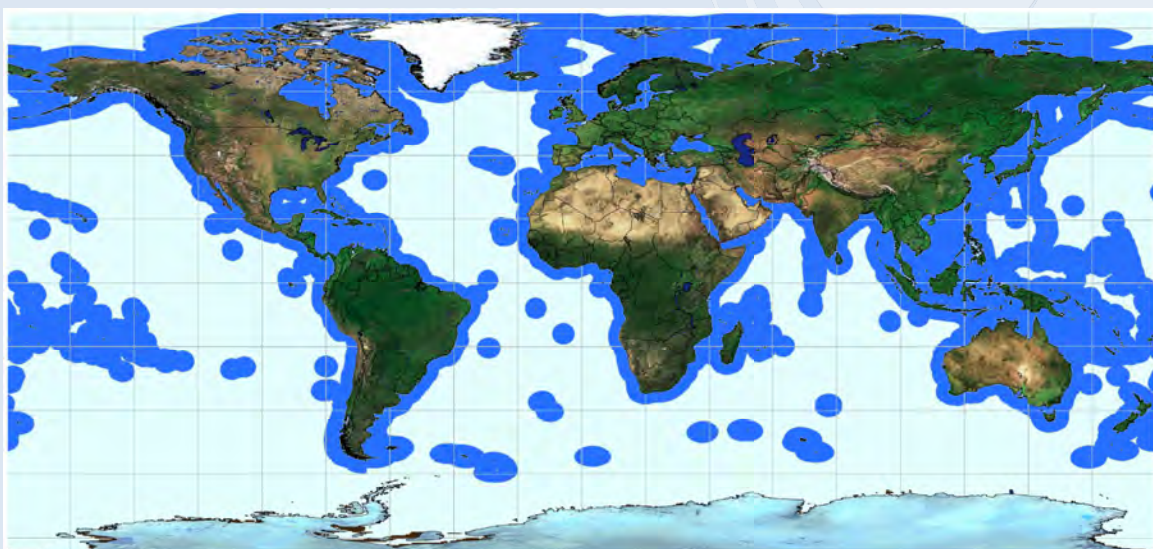
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The Exclusive Economic Zone



–40% of the world ocean area are under national jurisdiction
–More than 90% of the fish catches are taken within these zones.



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The International Ocean Institute - IOI



- EMB and others recognized the need for training
 - first workshop on Sea-bed Mining in 1979/80
 - first Ocean Governance training course in Canada in 1981, 35th this year
 - others followed
- Goals and areas of IOI's work
 - Training & Education „OceanLearn“
 - Research and Development in the field of Political Strategies in the Marine Realm - „Ocean Governance“
 - Creation of awareness and distribution of information

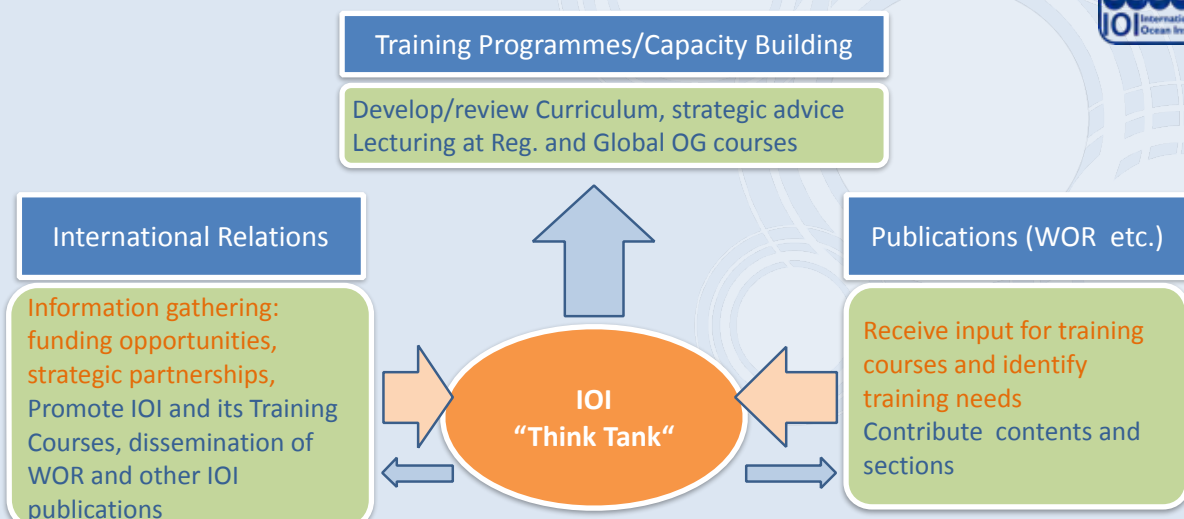


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Main Pillars of IOI Activities in 2015



- The core activity of IOI is to carry out Training Programmes in Ocean Governance.
- Activities such as developing and maintaining International Relations and the production and dissemination of relevant publications, are carried out with the aim to support, facilitate, develop, and promote the IOI Training activities.
- A Task Force will support and back up the IOI activities and IOIs strategic development.

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Geographical Outreach of Training Programmes



- = Regional Ocean Governance Courses (*regular*) in Canada, Malta, S. Africa
- = Regional Ocean Governance Courses (*not yet regular*) in Turkmenistan, China

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IOI Training Course on Ocean Governance at Dalhousie



- Intensive, interdisciplinary, **eight-week course** conducted annually at **Dalhousie University**, Halifax
- Primarily for developing country **professionals** working in ocean and coastal-related fields
- Topics: Key issues in Ocean Science, Law of the Sea, Integrated Coastal and Ocean Management, Fisheries and Aquaculture, Marine Transportation, Maritime Security, Energy and Informatics
- Skills-development Sessions: Negotiation, Project Cycle Management, Disaster Management, Media, Communications
- Over **600 alumni** from more than **100 countries**



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IOI Training Course on Regional Ocean Governance



IOI Malta Course Profile exported to other areas

- Original (Malta)
 - 5 weeks intensive course; annually since 2005
 - Accredited by the University of Malta
 - Targeting Mediterranean, Black, Caspian and Baltic Seas)
- Exported to China/West-Pacific region
 - 3 weeks intensive course
 - Targeting Western Pacific coasts
- Adapted to South Africa, Cape Town
 - 5 weeks intensive course; implemented 2013
 - Targeting African coast except the North
- Two more to be established in Brazil and Thailand



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IOI Master Course on Regional Ocean Governance



Master of Art in Ocean Governance M.A.

- **Lecture component** of 12 study units (60 ECTS)
 - Programme over 13 months
 - Environment, Methods, Resource economics, Law of the Sea, Dispute Settlement, Maritime Security, Policy making,
- **Research component** (30 ECTS)
 - Dissertation (up to 25000 words)
- Admission requirements
 - Entry requirement is a first cycle degree
 - Tuition fee for this full-time program is 13500€



UNIVERSITY OF MALTA
l-Università ta' Malta



http://www.um.edu.mt/imp/courses/master_of_arts_in_ocean_governance2

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Large Marine Ecosystem Concept



- Management of the fisheries resources as driver for the development of the concept
- In 1975, due to heavy overfishing of North Sea herring stocks ICES convened a multi-disciplinary symposium
- In 1984 start of a series of LME symposia supported by AAAS to draft a scheme for an LME concept
 - Areas of > 200 000 sqkm
 - Well defined topographical/morphological boundaries
 - Unique hydrography
 - E.g.: Current driven systems (Benguela, Canary, etc.) or Semi-enclosed seas (Baltic, Mediterranean, Yellow Sea, etc.)

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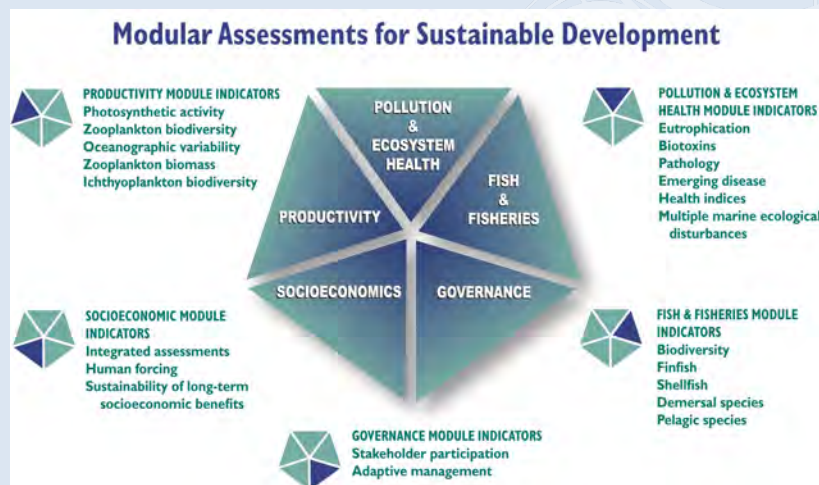
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Large Marine Ecosystem Concept



- The outcome of the 1993 LME Monitoring Workshops were:
 - A 5-module strategy for time-series metrics on LME Productivity, Fish and Fisheries, Pollution and Ecosystem Health, Socioeconomics, and Governance



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Needs and development in CD



- IOI has re-oriented its focus on training and education in Ocean Governance
- IOC is developing a Capacity Development Strategy 2014–2021 IOC/EC-XLVII/2 Annex 7 to stimulate Member States to enhance awareness and training in ocean science
- SCOR has developed a Capacity Development Strategy, under discussion
- LME programme is preparing an own overarching CD programme for all LME projects
- ICES Training programme

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Needs and development in CD



- Improve environmental knowledge and understanding of consequences at all levels: science, administration, public
- Increasing scientific capacities
- Strengthening knowledge base in administration
- Strengthening public knowledge
- Strengthen local/national institutions (High schools, universities, polytechnical schools etc.) to build a new generation
 - support of partnerships in building BSc or MSc study programmes
- Improving the political will for action by improved information and understanding of environmental problems
- Improve exchange of information between the levels and disciplines

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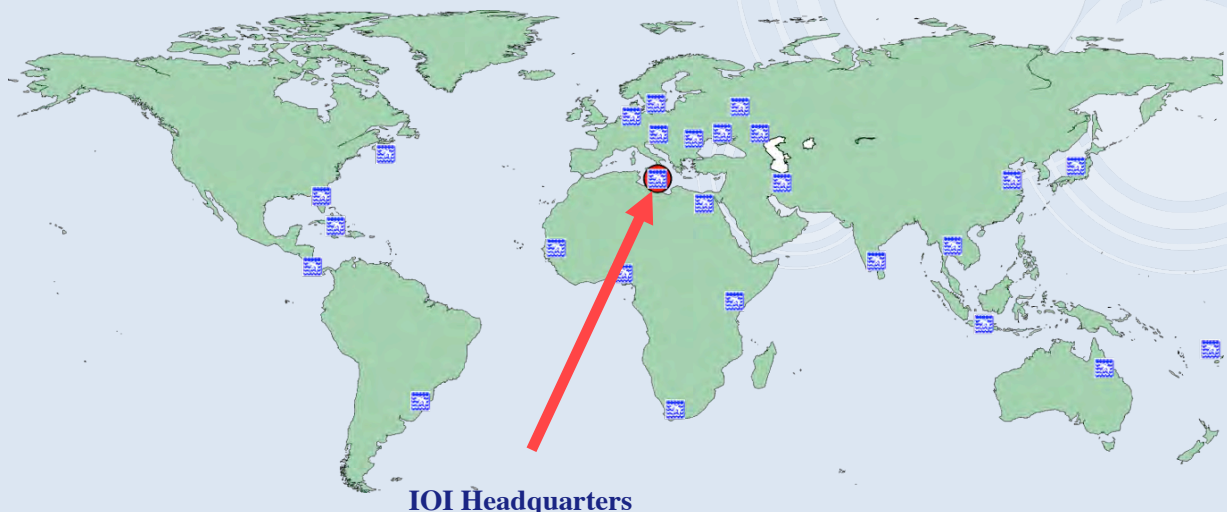


Thank you for listening !

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The International Ocean Institute - IOI

– The network of centers



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