



International Ocean Institute

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The INTERNATIONAL OCEAN INSTITUTE IOInforma 0517

Contents

- The global network of IOI centres successfully offers a number of training programmes in Canada, Turkmenistan, Thailand and PR China: REPORTS
- IOI Training Centre for Latin America and the Caribbean, Brazil: Training Course on Ocean Governance, Ocean Sciences and GeoEthics. 8th January – 2nd February 2018, Chile: ANNOUNCEMENT AND CALL FOR APPLICATIONS
- IOI Germany Director Dr Werner Ekau participated in the discussion on the Benoa Bay Project, Bali, during PASAR Hamburg: REPORT

**IOI Canada Training Programme on
Ocean Governance: Policy, Law and Management**
Dalhousie University, Halifax, Canada
24th May – 21st July, 2017

For the 37th consecutive year, Dalhousie University hosted IOI's interdisciplinary training programme in Halifax, Nova Scotia. The 2017 course on Ocean Governance: Policy, Law and Management was attended by 17 participants from Africa, Asia, the Caribbean, South America and the South Pacific. This year's group brought the total of IOI-Canada participants to 700 from more than 100 countries.

The eight-week programme was organised thematically in ten modules: *Orientation and Introduction to the Training Programme; Ocean Sciences; Law of the Sea and Principled Ocean Governance; Maritime Security; Communication and Negotiation; Fisheries and Aquaculture; Integrated Coastal and Ocean Management; Marine Transportation; Energy; and the Round Table and Conclusion of Training Programme.* Lectures and presentations were delivered by approximately 100 speakers, including local and international experts and practitioners. While it was primarily lecture-based, the classroom component also included lively discussions, presentations by each participant, skills sessions, video footage, exercises and a course-long



Above: IOI Canada Training Course, class of 2017 with director Mike Butler and IOI Canada support staff



simulation involving both individual and group work, culminating in a round table discussion at the end of the Programme. Lectures were complemented with several field trips, exposing the participants to a range of ocean-related activities in coastal communities and enabling them to compare theory with reality at the grassroots level.

A three-day trip to the Bay of Fundy – home of the world’s highest tides – was one of the course highlights and included tours of a land-based aquaculture facility, tidal power station, coastal marsh, beaches, First Nations’ cultural centre, and a marine plant research facility. More locally, the class visited the Bedford Institute of Oceanography, Northwest Atlantic Fisheries Organisation (RFMO), CERC Ocean Lab, Ecology Action Centre, Eastern Canada Response Corporation (oil spill response), Survival Systems Training Ltd and Port of Halifax, including a tour of its facilities by boat.



Above: IOI Canada Class of 2017 on the field trip
Photo credit: IOI Canada

By the end of the two months of intensive studies, the 2017 participants had been challenged to:

- deepen their understanding of the complexity and role of ocean-related issues in sustainable development;
- strengthen and update their academic knowledge, while also being exposed to practical lessons drawn from actual experience in integrated coastal and ocean management;
- develop valuable skills in areas such as information management, leadership, project cycle management and communication (*including presentations and media interviews*) to help them apply their new knowledge; and, ultimately,
- assist their countries towards maximising benefits to be derived from the UN Convention on the Law of the Sea, through the proper integration of coastal and ocean management into national and international development strategies.

To help achieve this, emphasis was placed on the need for participants to share the benefits of



Above: 2017 Participants and Course Coordinator at Opening Ceremony

their training with co-workers and local stakeholders on their return home. Before leaving Halifax, each participant was tasked with indicating how they would achieve this, and IOI-Canada will follow up with them six months after the course to see how they have used and shared their new knowledge and skills. Given the importance of creating a multiplier effect with this kind of training, we look forward to hearing that not only they, but also their colleagues and organisations, are continuing to benefit from this unique learning experience.

Training on MARITIME SPATIAL PLANNING FOR THE CASPIAN SEA

~ Blue Planning in Practice ~

Ecosystem-based Marine and Coastal Planning and Management
Organised jointly by the IOI, the State Enterprise on Caspian Sea Issues
at the President of Turkmenistan, and the Blue Solutions Initiative
Ashgabat, Turkmenistan, 17th – 21st July 2017

A specially commissioned course on Maritime Spatial Planning for the Caspian Sea was successfully offered over five days in July 2017 in Ashgabat, Turkmenistan. The International Ocean Institute, on the invitation of the State Enterprise on Caspian Sea Issues at the President of Turkmenistan created, in partnership with the Blue Solutions Initiative, a specialised programme to provide practitioners in the field with knowledge and skills for implementing Maritime and Coastal Spatial Planning in the Caspian Sea.

The training programme was attended by 23 mid-career participants with diverse professional backgrounds, ranging from economics, legal affairs, engineering, hydrology, tourism, ecology, and logistics. The specially selected trainer team provided a good combination of ample experience and knowledge on Marine Spatial Planning as well as participatory training methods.

The programme was organised so that conceptual input and theory was first shared with the participants in the form of lectures and hands-on participatory exercises; the class was then guided to work through several exercises of the Blue Planning in Practice (BPiP) course using the fictitious case of Bakul country. Participants engaged in exercises focused on identifying needs, mapping stakeholders, mapping the seascape, identifying spatial incompatibilities, allocating sea use and also role-plays aimed at exploring positions and negotiating draft plans. The exercises were

accompanied by introductory inputs on all BPiP elements and were followed by reflection sessions that aimed to link the lessons to the issues facing the Caspian Sea.



Left: Opening of the training: Maritime Spatial Planning for the Caspian Sea, Ashgabat 2017, in the presence of M. Atajanov, Chairman of the State Enterprise on Caspian Sea Issues at the President of Turkmenistan; A. Vassallo, Managing Director, IOI HQ and trainers from the Blue Solutions Initiative



Throughout this course, participants learned how to think in systems and understand the role of coastal and marine ecosystems for human well-being, how to be able to balance interests of different stakeholders on the basis of transparent criteria and how to develop strategies in order to overcome barriers and challenges that hinder the effective use and implementation of Blue Planning approaches.



Right: Class of 2017, Maritime Spatial Planning for the Caspian Sea, Ashgabat Photo credit: Blue Solutions Initiative

IOI Thailand Training Programme on the Regional Ocean Governance Framework, Implementation of UNCLOS and its Related Instruments In the Southeast Asian Seas & the Indian Ocean

Navyphirom Hotel, Hua Hin, Prachuap Khiri Khan, Thailand

2nd – 27th July, 2017

The second Training Programme on Ocean Governance for the Southeast Asian Seas and the Indian Ocean was delivered in Hua Hin District, Prachub Khiri Khan Province in Thailand between the 2nd and 27th July. The training programme was designed to benefit policymakers and mid-career



Above: 2017 Participants and Course Coordinator at Opening Ceremony Photo credit: IOI Thailand

professionals, educators, researchers, media professionals, civil society members, having coastal or marine related functions or interests. For this training, most participants were government officials and the training helped to widen their perspective and understanding in the role of ocean governance.



The Honourable Founder of IOI Thailand and Former Deputy Prime Minister of Thailand, H.E. Dr. Plodprasop Suraswadi and Mr Chirdchu Raktabutr, Director General, Department of Treaties and Legal Affairs were present for the opening ceremony. A video sent by Dr Awni Behnam, Honorary President of the IOI was prepared and projected during the opening ceremony to welcome participants and to give them the unique IOI perspective at the start of their programme. The course was ably directed throughout by Prof Poh Poh Wong and support was provided by IOI Thailand Director Dr Kunjapong Anuratpanich and his team.

19 participants from 7 countries attended this training programme; the participants were from Bangladesh, Cambodia, India, Indonesia, Maldives, Philippines and Thailand. The course was delivered in the form of classroom lectures, group exercises and discussions, workshops, field trips and round table discussions. The learning styles and activities were drawn out in such a way that they would foster a free exchange of perspectives among the participants and develop a better understanding of ocean governance. The programme consisted of three modules: *Global Ocean Governance Framework; Managing our relations with the ocean in Southeast Asian region; and Conflict Management and Consensus Building.*



Right: IOI Thailand Class of 2017 on the field trip. Photo credit: IOI Thailand

Three workshops were organised in order for the participants to try out their problem-solving skills: a SWOT analysis (*July 15th-16th*), Conflict management and consensus building (*July 20th*), and the production of a coastal land use matrix (*July 24th-26th*). The participants' learning experience was not limited to the classroom, with field trips being conducted to the Laem Phak Bia Environmental Research and Development Project, Phetchaburi Province and the Khan Coastal Aquaculture Development Centre. During the second field trip, a boat trip was arranged to observe the management of waste in the riverine communities.



Above: 2017 Participants and Course Coordinator at the Closing Ceremony
Photo credit: IOI Thailand



Above: Participants during the coastal land use matrix exercise. Photo credit: IOI Thailand



Above: IOI Thailand Class of 2017 on the field trip to Laem Phak Bia Environmental Research and Development Project. Photo credit: IOI Thailand



A round table discussion on 22nd July set out to bring experts in different areas together in order to share their knowledge and exchange good practices. The Director of the IOI Course, Prof Poh Poh Wong, moderated the discussions on:

- UNCLOS and its related instruments. Sorayut Chasombat (*Legal Affairs Division, Department of Legal Affairs and Treaties*)
- Large marine ecosystems and biodiversity, marine spatial planning and ecosystem-based management. Yugraj Yadava (*BOBP-LME*)
- The International Emergency Management Society and coastal hazards management. K. Harald Drager (*TIEMS*)
- Marine pollution, climate change Impacts, sea level rise and coastal erosion, disaster risk reduction. Poh Poh Wong (*School of Social Sciences, Adelaide University*)
- Aquaculture: food security and food safety. Cherdasak Virapat (*NACA*)
- IUU fishing and fishing technology. Kom Silpajarn (*SEAFDEC*)

IOI China Regional Training Course on Ocean Governance for the Western Pacific

Tianjin, PR China

16th August - 12th September 2017

In partnership with the State Oceanic Administration of China, the IOI Training Centre in China organised the fifth edition of the four-week training Course on Ocean Governance for the Western Pacific Region, with the programme being held in Tianjin in the Conference Room of the Centre of International Exchange, at the Tianjin Foreign Studies University.

IOI-China Regional Center Training Course on Ocean Governance
August 16-September 12, 2017 Tianjin, China
IOI—中国西太区域中心海洋管理培训班
2017年8月16日至9月12日 中国·天津



Photo credits: IOI PR China and SOA

The programme was launched with inaugural speeches from Ms Chen Yue, Director-General of the Department of International Cooperation of the State Oceanic Administration of China (SOA) and an alumnus of the IOI course in Canada; Ms Antonella Vassallo, Managing Director, IOI HQ; Dr Shi Suixiang, Director, IOI-China Regional Centre for the Western Pacific Region and Director-General of the National Marine Data and Information Service/SOA and from Professor Mao Bin



(Senior Research Fellow and Former Secretary General, China Ocean Mineral Resources R&D Association, SOA) and Prof Qin Li (Director, IOI China). The Honorary President of the IOI, Dr Awni Behnam, also sent a special message in a video to be projected at the close of the course.

The training programme was attended by 32 participants from 5 different countries: Cambodia, China, Malaysia, Indonesia and Thailand. Between them, the participants could avail of background expertise in fisheries, environmental monitoring, marine environmental forecasting, coastal and marine planning, ocean standards and metrology, deep sea issues, oceanography, marine hazards mitigation, island research, marine data and information, maritime affairs, social and economic development, and pollution control amongst others. The course was ably directed by Professor Mao Bin and supported by Prof Qin Li and the staff assisting IOI China.

The lectures, interactive exercises and mentored discussions were structured within a modular framework making special reference to the Western Pacific region. The programme, as well as encouraging the exchange of experiences and knowledge between the expert faculty and the class, provided participants with an understanding of the key principles and best practices required for effective ocean governance and ensured that all the participants from different backgrounds in research, management and other governmental posts, covering different disciplines and administrative area, were given knowledge of the issues of the Western Pacific.

In order to increase the effectiveness of the lessons and to improve the outreach of the programme, all participants are expected to use and share their new knowledge and skills on their return home. To this end they were asked during the course to identify relevant ways to achieve this, and some months after their return, are expected to provide a written follow-up demonstrating the activities they were engaged in. The participants are actively encouraged to stay in contact with their cohort and to get involved in any local, regional or international alumni activities.

IOI Germany Director Dr Werner Ekau participated in the discussion on the Benoa Bay Project, Bali, during PASAR
Hamburg, 9th - 10th September 2017

“Pasar”, an Indonesian culture forum for Germany, was designed not only to provide cultural demonstrations like music, arts, fashion and dance, but was also the venue for some interesting discussions and dialogues on current ecological, economic and cultural issues in Indonesia. Special attention was drawn to the tourism development plans in the Benoa Bay in Bali.



Under the moderation of Dr. Silke Behl, responsible for MARE-Radio in Germany, Dr. Werner Ekau in his function as marine scientist and Director of IOI Germany, and Wayan Gendo Suardana, activist from Bali, discussed the ecological, economic and cultural impacts of the Benoa Bay reclamation plan.

Besides the enormous loss in ecological functions (*loss of fisheries catch, loss of nursery grounds for fish and shrimps, pollution of and loss of the function of mangroves as filters, buffers for river run-off and flood protection*), the loss of cultural heritage is also significant with more than 40 cultural places around the bay facing destruction.

Over the last five years local grassroots activists Gendo Suardana and his group are opposing this project planned in a former nature reserve over such issues as loss of habitat and environmental services and the 2013 suspension of the Indonesian 2005 Marine Spatial Planning Act. The presentation and subsequent moderated public discussion between Werner Ekau and Wayan Gendo Suardana was one of the first actions on international ground and an attempt to seek greater support.



Above, L-R: Wayan Gendo Suardana (Indonesia), Werner Ekau (IOI Germany) and Silke Behl, (MARE-Radio). Photo credit: W. Ekau

Announcement and Call for Applications
IOI Training Centre for Latin America and the Caribbean, Brazil
Training Course on Ocean Governance, Ocean Sciences and GeoEthics

08th January – 02nd February 2018, Chile

Pre-registrations for the Training Programme are being accepted until the 30th of September, which will grant pre-registered participants priority at the final registration. Final registration will be open from the 1st of October until 10th of November and will depend on availability.

The course is accredited by the Universidad de Playa Ancha, and the participants who complete the course will receive a full certificate.

For further information please EMAIL ioilacbr@gmail.com and edmarone@gmail.com or visit www.ioitdac.org in order to download the Pre-registration Form and the Training Programme Schedule.