



Third training programme on the SUSTAINABLE DEVELOPMENT AND GOVERNANCE OF THE CASPIAN SEA

Turkmenbashi, Turkmenistan, 2nd March –13th March 2015



*Organised by the
State Enterprise on Caspian Sea Issues at the President of Turkmenistan,
and the International Ocean Institute,
as part of the IOI's Global Training Programme*

Day 1: Monday 2nd March	
Opening of the Programme	
09h30	<u>Welcome Remarks and Official opening</u> Dr Awni Behnam, Honorary President, International Ocean Institute Mr Murad Atajanov, Turkmenistan
10h00	Coffee break and Group Photo
MODULE 1 OCEAN GOVERNANCE FRAMEWORK	
Introduction; Overarching Ocean Governance Issues	
11h00 90 mins	Dr Awni Behnam <u>Introduction to the Training Course and objectives:</u> <ul style="list-style-type: none"> History, mission and activities of the IOI, brief video of Elisabeth Mann Borgese, founder of IOI <u>Introduction to Module 1: The International Governance Architecture</u> <u>The Concept of the Common Heritage of Mankind and the Structuring of an Alternative World Economic Order Based on Sustainable Development – The State of the Ocean and the Role of IOI in the Constitutional Framework of the UN Convention on the Law of the Sea (UNCLOS)</u> <ul style="list-style-type: none"> Historical background of UNCLOS; <i>Mare liberum, mare clausum</i> discourse The four 1958 Geneva Conventions Maltese initiative in 1967, the common heritage of mankind Third United Nations Conference on the Law of the Sea
12h30	Lunch Break
13h30 90 mins	Dr Awni Behnam <u>The Concept of the Common Heritage of Mankind and the Structuring of an Alternative World Economic Order Based on Sustainable Development – The State of the Ocean and the Role of IOI in the Constitutional Framework of UNCLOS(Continued):</u> <ul style="list-style-type: none"> UNCLOS today and the review period; UNICPOLOS The Millennium Development Goals and the role of NGOs and IGOs in their implementation
15h00	Coffee Break
15h30 90 mins	Dr Awni Behnam <u>The Concept of Ocean Policy Frameworks: Introductory Lecture on Ocean Policy Development for Countries and Regions</u> <ul style="list-style-type: none"> The UN Secretary Generals' Ocean Compact and the Outcome of Rio +20 – 2012 Background to the Oceans Compact and the Rio Process The Blue Economy Implications for implementation of these concepts Regional implications – regional and local challenges

17h00	<p><i>Dr Awni Behnam and Ms Antonella Vassallo</i></p> <p><u>Introduction to the Caspian Sea Exercise Project Study:</u> Work on this project continues throughout the course by the class as instructed.</p> <p>Adjournment</p>
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Day 2: Tuesday 3rd March	
Overarching Ocean Governance Issues - Sustainability	
09h00 90 mins	<p><i>Dr Awni Behnam</i></p> <p><u>Issues of Sustainability</u></p> <ul style="list-style-type: none"> • Introduction to the concept • Conservation and Sustainable Use • Ocean use and sustainability • Tourism and ecotourism
10h30	Coffee Break
Conflict Management And Consensus Building; Negotiation and Diplomacy	
11h00 90 mins	<p><i>Dr Awni Behnam</i></p> <p><u>Introduction to Multilateral Diplomacy</u></p> <ul style="list-style-type: none"> • Multilateral Diplomacy and Communication skills • International Processes • Multilateral Negotiation • Managing Differences and Resolving Conflict <p><u>Negotiation Skills: what's your style?</u></p>
12h30	Lunch Break
Maritime Trade Ports and Harbours	
13h30 90 mins	<p><i>Dr Awni Behnam</i></p> <p><u>FACTBOX 1: Maritime Trade, Transport, Ports and Harbours, Ship Registration including the evolving role of IMO and UNCTAD in the governance of Maritime Transport</u></p> <ul style="list-style-type: none"> • A review of the maritime scene; the role of shipping • Ships: Ship Types ; Markets; The Conference System; Bulk Shipping; Flags of convenience; Globalization or Maritime Chaos • Shipping Industry Characteristics • Maritime policy issues • Policy reform programmes • Ports: Ports, Equipment, Terminals
15h00	Coffee break
15h30 90 mins	<p><i>Dr Awni Behnam</i></p> <p><u>FACTBOX 1 (cont'd): Maritime Trade, Transport, Ports and Harbours, Ship Registration</u></p>
17h00	Adjournment

Day 3: Wednesday 4th March	
MODULE 2 MANAGING OUR RELATIONS WITH THE OCEANS; MANAGEMENT TOOLS	
Integrated Management Theory and Practice	
Special Workshop on Sustainability and Implementation	
09h00 90 mins	<p><i>Prof Bodo Von Bodungen</i></p> <p><u>Sustainable Development revisited</u></p> <ul style="list-style-type: none"> • What is sustainable development? Some definitions are explained: • Principles, Core values, Mechanisms, Stakeholder/Shareholder, Ecosystem Approach, • Relation to Integrated Coastal Zone Management (ICZM)

	<ul style="list-style-type: none"> • Dimension of time and space scales • Why adopt a Regional Approach? Large Marine Ecosystem (LME), Ecological/Biological Significant Area (EBSA); • Vulnerable Systems
10h30	Coffee break
11h00 90 mins	<i>Prof Bodo Von Bodungen</i> <u>Sustainable development</u> Cont'd <ul style="list-style-type: none"> • Goods and Service of marine ecosystems; • Pressures on marine ecosystems: Eutrophication, pollution, exploitation • Target values for ecosystem quality, health of ecosystem, indicators for ecosystem change • Good Environmental Status, Quality Status Report • Changes in drainage Basin
12h30	Lunch Break
13h30 90 mins	<i>Prof Bodo Von Bodungen</i> <u>Marine litter</u> <ul style="list-style-type: none"> • Sources; Impacts; solutions
15h00	Coffee Break
15h30 90 mins	<i>Prof Bodo Von Bodungen</i> <u>Biodiversity protection</u> <ul style="list-style-type: none"> • Marine biodiversity; Why protect marine species; • EBSAs (Ecologically or Biologically Significant Areas) and MPAs (Marine Protected Areas)
17h00	Adjournment

<i>Day 4: Thursday 5th March</i>	
<i>Integrated Management Theory and Practice</i>	
<i>Special Workshop on Sustainability and Implementation Cont'd</i>	
09h00 90 mins	<i>Prof Bodo Von Bodungen</i> <u>TOOLBOX 1: Environmental Impact Assessment (EIA)</u> <ul style="list-style-type: none"> • Theory • EIA / Strategic Environmental Assessment (SEA)
10h30	Coffee break
11h00 90 mins	<i>Prof Bodo Von Bodungen</i> <u>TOOLBOX 1: Environmental Impact Assessment</u> Cont'd <ul style="list-style-type: none"> • EIA stakeholder exercise • Transboundary Diagnostic Analysis
12h30	Lunch Break
13h30 90 mins	<i>Prof Bodo Von Bodungen</i> <u>Regional approaches to Spatial Planning (introduction to MSP)</u> <ul style="list-style-type: none"> • Examples from different regions and discussion of key aspects (e.g. vision, stakeholder consultation, planning process); Role of MPA's vs economical interests; Established human uses v 'new' uses (e.g. renewables); Relation to Integrated Coastal Zone Management (ICZM)
15h00	Coffee Break
15h30 90 mins	<i>Prof Bodo Von Bodungen</i> <u>Monitoring</u> <ul style="list-style-type: none"> • Strategies and tools • Adapted to the problems
17h00	Adjournment

<i>Day 5: Friday 6th March</i>	
<i>Overarching Ocean Governance Issues – Maritime Law and the legal regime of the Caspian Sea</i>	
09h00 90 mins	<i>Dr Norman Martínez</i> <u>The International Legal Regime of the Caspian Sea</u>
10h30	Coffee break
11h00 90 mins	<i>Dr Norman Martínez</i> <u>International Law and the Prospecting for and Exploitation of the Caspian Sea's Oil and Gas Resources</u> <ul style="list-style-type: none"> • Sovereignty, jurisdiction, ownership • Rules dependent on the applicable regime of the Caspian Sea.
12h30	Lunch Break
13h30 90 mins	<i>Dr Norman Martínez</i> <u>International Regulation of Shipping (with Reference to the Caspian Sea):</u> <ul style="list-style-type: none"> • What global instruments are applicable in the Caspian Sea?
15h00	Coffee Break
15h30 90 mins	<i>Dr Norman Martínez</i> <u>International Law and Structures for the Protection of the Marine Environment (with Reference to the Caspian Sea):</u> <ul style="list-style-type: none"> • What global instruments are applicable in the Caspian Sea? <u>International Fisheries Law, Policy and Institutions (with Reference to the Caspian Sea)</u> <ul style="list-style-type: none"> • What is the regime applicable to the exploitation of fisheries resources? • Pertinent issues
17h00	Adjournment

<i>Day 6: Saturday 7th March</i>	
<i>Special Session: Field Trip to the Caspian Littoral</i>	
	To be organized under guidance of Local Experts/Secretariat in Turkmenistan

<i>Day 7: Monday 9th March</i>	
<i>Integrated Management Theory and Practice; institutional arrangements</i>	
09h00 90 mins	<i>Dr Iouri Oliounine</i> <u>IOC and other sea/ocean related organizations.</u> <ul style="list-style-type: none"> • Why do we need to know more about them?
10h30	Coffee Break
<i>The 'Blue Economy' and marine governance in an industrialised ocean</i>	
11h00 90 mins	<i>Mr Glen Wright</i> <u>An industrializing ocean</u> <ul style="list-style-type: none"> • Intensification of traditional human uses of the marine environment: navigation; fisheries; fossil fuel extraction; tourism • New and emerging uses: marine renewable energy; marine genetic resources; deep-sea mining; geoengineering <u>Legal framework for marine governance</u> <ul style="list-style-type: none"> • Roles of international conventions, treaties, protocols etc. • International Law of the Sea • Legal controls affecting use of national coastal and maritime zones
12h30	Lunch
13h30	<i>Mr Glen Wright</i>

90 mins	<u>Background: understanding traditional marine governance</u> <ul style="list-style-type: none"> • Overview of regulatory frameworks for key activities: e.g. fishing & navigation • Area-Based Management Tools (AMBTs) at the international, regional and domestic levels • The effectiveness of single-sector management and the need for reform
15h00	Coffee Break
15h30 90 mins	<p><i>Mr Glen Wright</i></p> <p><u>Towards modern marine governance</u></p> <ul style="list-style-type: none"> • Challenges for holistic regulation • Cross-border collaboration • Case studies: marine renewables; aquaculture <p><u>Challenges and governance in the Caspian Sea: class exercise</u></p> <ul style="list-style-type: none"> • Class participants to break into groups: • Identification of existing and future activities in Caspian sea • Identification of existing regulatory frameworks and challenges
17h00	Coffee Break
17h30 90 mins	<p><i>Mr Glen Wright</i></p> <p><u>Integrated Coastal Zone Management</u></p> <ul style="list-style-type: none"> • What is ICZM? • Relationship with land planning, MPAs, and MSP • An overview of Implementation globally • How do we get there? • Stages of ICZM: methods, tools, techniques
19h00	Adjournment

Day 8: Tuesday 10th March	
MODULE 2 MANAGING OUR RELATIONS WITH THE OCEAN	
<i>Integrated Management Theory and Practice; Special Session On Maritime Spatial Planning</i>	
09h00 90 mins	<p><i>Mr Glen Wright</i></p> <p><u>TOOLBOX 2: Maritime Spatial Planning: a very short introduction</u></p> <ul style="list-style-type: none"> • What Is MSP? • What is MSP trying to do? • History and development • Where Is MSP being implemented? • Relationship to other concepts, and to terrestrial planning
10h30	Coffee Break
11h00 90 mins	<p><i>Mr Glen Wright</i></p> <p><u>Establishing a Marine Spatial Planning process:</u></p> <ul style="list-style-type: none"> • Establishing Authority • Involving Stakeholders • Organizing the MSP • Preparing and implementing a Spatial Management Plan • Monitoring and Evaluation
12h30	Lunch Break
13h30 90 mins	<p><i>Mr Glen Wright</i></p> <p><u>MSP Case studies</u></p> <ul style="list-style-type: none"> • The EU experience • An international perspective • Lessons learnt, keys to success, and the future of MSP

15h00	Coffee Break
15h30 90 mins	<p><i>Mr Glen Wright</i></p> <p><u>MSP in practice: class exercise</u></p> <ul style="list-style-type: none"> • Application of MSP in the Caspian Sea: mock MSP process • Class participants divided into groups representing national departments, stakeholder group and an MSP authority
17h00	Coffee Break
17h30 90 mins	<p><i>Mr Glen Wright</i></p> <p><u>Class Exercise (cont'd)</u></p> <ul style="list-style-type: none"> • Internal group discussions to determine priorities and positions • Intergroup discussions to develop workable MSP • Presentation of results
19h00	Adjournment

<i>Day 9: Wednesday 11th March</i>	
MODULE 3 GOVERNANCE OF THE CASPIAN	
<i>Introduction; the Caspian</i>	
09h00 90 mins	<p><i>Dr Parvin Farshchi</i></p> <p><u>Introduction to the Module; The Caspian Region: Socio-Economic and Political Context</u></p> <ul style="list-style-type: none"> • Historical setting of the Caspian Sea: ethnic mosaic • Socio-economic profile: sustainable development? • Political context
10h30	Coffee break
11h00 90 mins	<p><u>The Caspian Region: Ecological Challenges and Opportunities</u></p> <ul style="list-style-type: none"> • Challenges: fisheries decline, biodiversity erosion, coastal degradation, invasive species, pollution, water level fluctuations • Opportunities: oil and gas, fisheries, eco-tourism, transport corridor
12h30	Lunch Break
13h30 90 mins	<p><i>Dr Parvin Farshchi</i></p> <p><u>The Caspian Region: Regional Ocean Governance Framework</u></p> <ul style="list-style-type: none"> • Caspian Environment Programme • CASPECO • Tehran Convention • Protocols to the Tehran Convention • Future Prospective / Way ahead • Case studies from the Caspian experience
15h00	Coffee Break
15h30 90 mins	<p><i>Dr Parvin Farshchi</i></p> <p><u>Transboundary Diagnostic Analysis</u></p> <ul style="list-style-type: none"> • How to draw up a TDA • How to draw up National Action Plans • How to draw up Regional Strategic Action Programme
17h00	<p><i>Dr Parvin Farshchi</i></p> <p><u>The Caspian Sea Exercise Project Study: Discussion and class work; Group work</u></p> <ul style="list-style-type: none"> • Based on the knowledge gained during the course and in the light of the recommendations of the Oceans Compact and the Rio +20 outcomes.

<i>Day 10: Thursday 12th March</i>

09h00 90 mins	Tutorial for Caspian Sea Exercise Project Study: Oversight by <i>Dr Parvin Farshchi</i> <ul style="list-style-type: none"> Based on the knowledge gained during the course and in the light of the recommendations of the Oceans Compact and the Rio +20 outcomes.
10h30	Coffee break
11h00 90 mins	Tutorial for Caspian Sea Exercise Project Study: Oversight by <i>Dr Parvin Farshchi</i> <ul style="list-style-type: none"> Based on the knowledge gained during the course and in the light of the recommendations of the Oceans Compact and the Rio +20 outcomes.
12h30	Lunch Break
13h30 90 mins	Tutorial for Caspian Sea Exercise Project Study – Continued: Oversight by <i>Dr Parvin Farshchi</i> <ul style="list-style-type: none"> Based on the knowledge gained during the course and in the light of the recommendations of the Oceans Compact and the Rio +20 outcomes.
15h00	Coffee Break
15h30 90 mins	Tutorial for Caspian Sea Exercise Project Study – Continued: Oversight by <i>Dr Parvin Farshchi</i> <ul style="list-style-type: none"> Based on the knowledge gained during the course and in the light of the recommendations of the Oceans Compact and the Rio +20 outcomes.
17h00	Coffee Break
17h30 90 mins	Tutorial for Caspian Sea Exercise Project Study – Continued: Oversight by <i>Dr Parvin Farshchi</i> <ul style="list-style-type: none"> Based on the knowledge gained during the course and in the light of the recommendations of the Oceans Compact and the Rio +20 outcomes.
19h00	Official Adjournment - groups continue working individually as necessary

<i>Day 11: Friday 13th March</i>		
09h00	09h00	Presentations on the Caspian Sea Exercise Project Study - Group 1 Guidance and assessment by Caspian Experts
	10h00	Presentations on the Caspian Sea Exercise Project Study - Group 2 Guidance and assessment by Caspian Experts
11h00	<u>Coffee Break</u>	
11h30	11h30	Presentations on the Caspian Sea Exercise Project Study - Group 3 Guidance and assessment by Caspian Experts
	12h30	Presentations on the Caspian Sea Exercise Project Study - Group 4 Guidance and assessment by Caspian Experts
13h30	Lunch Break	
14h30	Concluding Remarks and Adjournment of Training Programme Course evaluation and feedback from Participants	
16h00	<u>Conclusion of the Course:</u> Farewell Ceremony with Presentation of Certificates	

Annex I – DRAFT

Special Session: Field Trip to the Caspian Littoral and KHAZAR Nature Reserve, Turkmenbashi town and north-west Turkmenistan

To be organized under guidance of Local Experts/Secretariat in Turkmenistan

Aims:

- (i) To give the overview of the existing development in the Caspian coastal area of Turkmenistan, particularly in Turkmenbashi bay, including development of the port infrastructure, conservation of biodiversity, fisheries, oil and gas developments.
- (ii) To provide participants with understanding of issues of the conservation of the biodiversity at the Turkmen sector of the Caspian coast, including the study of the work of Khazar Nature reserve, conservation efforts and issues on protection of the Ramsar wetlands of the reserve.
- (iii) To provide the participants with understanding of the government's development plans, the approach to the impact assessment mitigation of the new and existing development projects on the coastal area.

Itinerary of the field trip

1000	Gathering at the hotel's lobby and departure
1000-1015	Saymonov bay and former hunting grounds of Turkmenbashi bay (1)
1030-1130	Hazar Nature State Reserve (2) Historical pollution and approaches to tackle it; Development of tourism and hunting issues
1130-1200	Port of Turkmenbashi (3) Present status of the port and its importance in the social-economic development; Future port infrastructure projects and their potential impact on local development
1200-1300	Hazar Nature Reserve site (4) Construction site for fishery plant; Conservation issues and climate change
1300-1430	Lunch in café in Turkmenbashi village (Janga)
1500	Return to Avaza: Excursion in cruise boat in Awaza(5)
1700	Return to the hotel



More information on this aspect will be given during the Training Programme but please bring with you the appropriate weather proof clothing including removable layers and rain gear and good walking shoes. You may wish to bring your camera to record the trip or binoculars to view the avifauna of the reserve.