

Tuesday 18/07

Environmental sustainability

9.00–10.30 **Economic Growth and Environmental quality: some introductory issues**
Jacopo Zotti
UniTS

10.30–11.00 Coffee break

11.00–11.45 **Chemical pollutants**
Michele Gianì
OGS

11.45–12.30 **Long term changes in the Mediterranean circulation and climate**
Miroslav Gacic
OGS

12.30–14.00 Lunch break

Fisheries

14.00–14.30 **Tunisian marine ichthyofauna biodiversity: Update, threats and main challenges**
Mouna Rifi
INAT, Tunisia

14.30–15.00 **Impacts of fisheries in Mediterranean stocks and ecosystems**
Simone Libralato
OGS

15.00–15.30 **Integrated approaches for the sustainability of fisheries in the Mediterranean sea**
Simone Libralato
OGS

15.30–16.00 Coffee break

16.00–16.45 **Socio-economic conditions of the Mediterranean fisheries**
Dario Pinello
Nisea

16.45–17.30 **From data collection to plans for a sustainable exploitation of the sea**
Dario Pinello
Nisea

Wednesday 19/07

Sea-based economy

9.00–9.45 **Energy from the winds in the marine environment**
António Sarmento
Dept. of Mechanical Eng.,
IST/UTL, Portugal

9.45–10.30 **Mitigation**
António Sarmento
Dept. of Mechanical Eng.,
IST/UTL, Portugal

10.30–11.00 Coffee break

11.00–11.45 **From wind-driven costal seas to sediment resuspension by maritime traffic**
Vlado Malačič
National Institute of Biology (NIB), Slovenia

11.45–12.30 **Italian Navy – Hydrographic Institute**
Comandante Paolo Dei

12.30–14.30 Lunch break

14.30–16.00 **Closing ceremony and distribution of certificates at OGS premises in via Beirut, SISSA Building**

Valeria Fedeli
Minister, MIUR

Stefano Ruffo
Director, SISSA

Emmanuelle Gardan
Union for the Mediterranean (UfM)

CV Luigi Sinapi
Director, Italian Navy
Hydrographic Institute

Maria Cristina Pedicchio
President, OGS

16.00 **Coffee break and drinks**
Leonardo Building
ICTP



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Advanced Training School on Sustainable Blue Growth in the Mediterranean and Black Sea countries

10–19 July 2017

Abdus Salam International Centre for Theoretical Physics
Giambiagi Lecture Hall
Adriatico Guest House,
Via Grignano 9, Trieste

Building capacities and developing skills in the marine and maritime sectors

Monday 10/07	
The Mediterranean and the Blue Economy: an opportunity for blue jobs and growth	
9.00–10.00	Registration
10.00–11.00	Opening Maria Cristina Pedicchio President, National Institute of Oceanography and Applied Geophysics (OGS)
	Fernando Quevedo Director, The Abdus Salam International Centre for Theoretical Physics (ICTP)
	Mohamed H.A. Hassan Executive Director, The World Academy of Sciences (TWAS)
	Enrico Padula Head of Office X, Directorate for Country Promotion, Ministry of Foreign Affairs and International Cooperation (MAECI)
	Amb. Giovanni Caracciolo di Vietri Secretary General, Central European Initiative (CEI)
	Loredana Panariti Assessore, Autonomous Region of Friuli Venezia Giulia
11.00–11.30	Coffee break / Group photo
11.30–12.00	The BlueMed for Sustainable Development of the Mediterranean Region Abdelhamid El Zoheiry Euro-Mediterranean University (EMUNI)

12.00–12.30

The role of the University of Trieste in the Smart Specialization Strategy
Maurizio Fermeglia
University of Trieste (UniTS)

12.30–14.00

Lunch break

14.00–14.30

The importance of water for sustainable and responsible development
Alessandro Leto
Water Academy

14.30–15.00

Innovation and blue jobs
Alberto F. De Toni
University of Udine (UniUD)

15.00–15.30

Role of maritime clusters for Blue Growth
Martina Rossi
Mare FVG

15.30–16.00

Coffee break

16.00–16.30

The Origin of ‘Blue Growth’
Jerneja Penca
EMUNI

16.30–17.00

Science diplomacy and dialogue: pathing the way to blue jobs and growth
Mounir Ghribi
OGS

Tuesday 11/07	
Observing and understanding the changing seas and oceans	
9.00–10.30	Ocean and climate Riccardo Farneti ICTP
10.30–11.00	Coffee Break
11.00–11.45	Technological aspects of observing systems Marco Marcelli University of Tuscia
11.45–12.30	Is the Mediterranean Sea in a steady state? An observational point of view Giuseppe Civitarese OGS
12.30–14.00	Lunch break
14.00–14.45	Maritime technologies and naval engineering Emilio Fortunato Campana CNR
14.45–15.30	Where observations meet models: the Copernicus Marine Environment Monitoring Services (part I) Gianpiero Cossarini and Stefano Salon OGS
15.30–16.00	Coffee break
16.00–17.30	Where observations meet models: the Copernicus Marine Environment Monitoring Services (part II) F2F help desk on specific student requests Gianpiero Cossarini and Stefano Salon OGS

Wednesday 12/07	
Excursion	

9.00–17.00 **Excursion in the Grado and Marano Lagoon**
Emiliano Gordini
OGS

Thursday 13/07	
Abiotic resources and use of the seafloor	
9.00–9.45	Seabed mining: resource sand management within and beyond national jurisdiction Marzia Rovere CNR ISMAR
9.45–10.30	Sea bed mining: The techonological needs Luca Ambrosio, Marko Keber Fincantieri Oil&Gas
10.30–11.00	Coffee break
11.00–11.45	The hydrocarbon Potential of the Eastern Mediterranean region Andrea Cozzi ENI
11.45–12.30	Gas hydrates: ID and genesis Ana Cameirao IFREMER
12.30–14.00	Lunch break
14.00–14.45	Gas hydrates: from uses to problems Ana Cameirao IFREMER
14.45–15.30	Use of the seafloor for pipelines and communication cables Lorenzo Facchin OGS
15.30–16.00	Coffee break
16.00–16.30	Marine geohazards assessment: the case study of the Ionian Sea (Central Mediterranean) Silvia Ceramicola OGS
16.30–17.00	The Port of Trieste Zeno D’Agostino Port Network Authority of the Eastern Adriatic Sea
17.00–17.30	Plastic waste threat to marine life Valentina Tirelli OGS

Friday 14/07	
Use of the seafloor and Energy	
9.00–9.45	An unconventional resource of the deep ocean: the deep sea Neutrino Telescope KM3NeT Giorgio Riccobene INFN
9.45–10.30	Use of the seafloor Fabio Trincardi CNR
10.30–11.00	Coffee break
11.00–12.30	Heating and cooling from the ocean Bruno Della Vedova UniTS
12.30–14.00	Lunch break
14.00–15.30	Energy from marine currents in the marine environment Alberto Moroso University of Napoli
15.30–16.00	Coffee break
16.00–17.30	Planning Tools for Sustainable use of the Marine Environment: impact assessment, ecosystem services and marine protected areas Michelle Portman Faculty of Architecture & Town Planning, Israel

Saturday 15/07	
Excursion	

9.00–12.30 **Visit to the Port of Trieste**

Sunday 16/07	
Free time	

Monday 17/07	
New threats for the marine environment	
9.00–9.45	Oil spill hazard, a modelling approach Donata Melaku Canu OGS
9.45–10.30	Mercury pollution and biogeochemical modelling Genevra Rosati OGS
10.30–11.00	Coffee break
11.00–11.45	Acoustic pollution in the marine environment Gianni Pavan University of Pavia
11.45–12.30	Mitigation measures Claudio Fossati University of Pavia
12.30–14.00	Lunch break
14.00–14.45	Macro and micro plastics Andreja Palatinus Water Agency, Slovenia
14.45–15.30	Submerged sources of pollutants, a threat to health of the oceans Ezio Amato ISPRA
15.30–16.00	Coffee break
16.00–16.45	Sea bed mining: ecosystem impacts Daniela Zeppilli IFREMER
16.45–17.30	Legal aspects of maritime safety and security Gemma Andreone CNR