

Advanced Master in Sustainable Blue Economy A.Y. 2024 - 2025

Period: 9 - 20 June 2025

Venue:

- from 9 - 18 June at [OGS headquarters at Via Beirut 2](#) (Aula A)
- 19 - 20 at the [Adriatico Guesthouse](#)

CODE	Lessons	n. hrs	Instructor	Organisation	DATE	TIME
S2.01	Contaminants in coastal environment	2	Stefano Covelli	University of Trieste	9-giu-25	9:15 - 11:00
S2.02	Marine ecosystem models physic and biogeochemistry	2	Cosimo Solidoro	OGS	9-giu-25	11:15 - 13:00
S2.03	Sea floor sampling methods and sediment analyses	2	Renata Lucchi	OGS	9-giu-25	14:15 - 16:00
S2.04	From the EU Copernicus Marine Service to the Digital Twin of a Mediterranean coastal area	2	Stefano Querin	OGS	9-giu-25	16:15 - 18:00
	Workshop	/	Mounir Ghribi	OGS	10-giu-25	9:00 - 10:30
S2.05	Rocky coast surveys: materials and methods (FIELD TRIP MPA MIRAMARE)	5	Stefano Furlani	University of Trieste	10-giu-25	11:00 - 17:00
S2.06	The contribution of physical models and field monitoring for the sea environmental safeguard and coastal management and constructions	2	Michele Mossa	Polytechnic University of Bari	11-giu-25	10:15 - 12:00
S2.07	Critical aspects on the waterfront: the study of the Porto Vecchio in a comparative perspective (FIELD TRIP)	3	Igor Jelen	University of Trieste	11-giu-25	14:00 - 17:00
S2.08	European Governance of Oceans and Seas and Blue Economy (Cluster BIG, WestMED)	4	Cristina Pedicchio + Emilio Campana + Margherita Zorgno + Angelo Camerlenghi	University of Trieste	12-giu-25	9:15 - 13:00



S2.09	The major stages in the discovery of the sea floor	2	Angelo Camerlenghi	OGS	12-giu-25	14:00 - 16:00
S2.10	Developing sustainable port infrastructure and activities (the lesson will take place in Torre del Lloyd, via K.L. von Bruck 3, the sala Rossa)	2	Vittorio Torbianelli	Port Network Authority of the Eastern Adriatic Sea	13-giu-25	08.30 - 10.00
S2.11	Port Models and Port Governance: The "Port Reform Toolkit" and the "Blue Growth Management Challenge" (the lesson will take place in Torre del Lloyd, via K.L. von Bruck 3, the sala Rossa)	2	Vittorio Torbianelli	Port Network Authority of the Eastern Adriatic Sea	13-giu-25	10.15 - 12:00
S2.12	Building up and improving Port-City and Port-Local Stakeholders relationships ((the lesson will take place in Torre del Lloyd, via K.L. von Bruck 3, the sala Rossa)	2	Vittorio Torbianelli	Port Network Authority of the Eastern Adriatic Sea	13-giu-25	12:00 - 13:15
S2.13	STUDY VISIT TO THE PORT OF TRIESTE	2	Vittorio Torbianelli	Port Network Authority of the Eastern Adriatic Sea	13-giu-25	14:30 - 16:30
S2.14	Climate change impact on the Mediterranean circulation	2	Miroslav Gacic	OGS	16-giu-25	9:15 - 11:00
S2.15	State-of-art marine observation techniques	1	Miroslav Gacic	OGS	16-giu-25	11:15 - 12:00
S2.16	Marine forecast and observing systems: the EU marine Copernicus service	2	Gianpiero Cossarini & Stefano Salon	OGS	16-giu-25	14:00 - 16:00
S2.17	Introduction to Geophysics	2	Emanuele Forte	University of Trieste	17-giu-25	9:15 - 11:00
S2.18	Geophysics for energy and natural resources	2	Michele Pipan	University of Trieste	17-giu-25	11:15 - 13:00
S2.19	Geophysical data management	2	Alberto Viola	OGS	17-giu-25	14:15 - 16:00
S2.20	Oil spill processes and modeling in coastal regions	1	Federico Roman	University of Trieste	17-giu-25	16:15 - 17:00
S2.21	Blue biotechnology	2	Amira Saidi	OGS	18-giu-25	9:15 - 11:00
S2.22	Sub seafloor exploration	2	Fabrizio Zgur	OGS	18-giu-25	11:15 - 13:00



S2.23	Addressing multiple hazards in the sea using models and observations	2	Donata Canu	OGS	18-giu-25	14:15 - 16:00
S2.24	Genetics for marine biodiversity analysis	2	Alberto Pallavicini	University of Trieste	19-giu-25	9:15 - 11:00
S2.25	Mathematical modelling, high performance computing, data science, model reduction and automatic learning for "big" digital twins	2	Nicola Demo	SISSA	19-giu-25	11:15 - 13:00
S2.26	Project work workshops: "What is the sustainable blue economy for you? Presentations of project work ideas."	/	Board: Stefano Parolai, Mounir Ghribi, Elena Marchigiani		19-giu-25	14:15 - 17:00
S2.27	Solutions for more sustainable fisheries and aquaculture	2	Simone Libralato	OGS	20-giu-25	9:15 - 11:00
S2.28	Seafloor and seafloor cables	2	Lorenzo Facchin	OGS	20-giu-25	11:15 - 13:00
S2.29	Animal wellness	2	Chiara Manfrin	University of Trieste	20-giu-25	14:15 - 16:00