

Workshop
Geospatial analytics and Remote Sensing for Climate Change Impact on Marine and Coastal Ecosystems
22 – 24 February 2021
Cairo- Egypt

Day 1: Monday 22nd Feb. 10:00-16:00 EG time	
1. Introduction and welcome remarks to the ODYSSEA Project	10:00 – 11:00 Dr. Emad Adly, RAED Professor. Georgios Sylaios, DUTH
2. The importance of Environmental Monitoring for compliance with the Integrated Assessment and Monitoring Programme (IMAP) of the Barcelona Convention	11:00 - 12: 00 Dr. Daniel CEBRIAN, (UNEP/MAP-SPA/RAC)
Coffee Break	12:00 – 12:15
3. Using remote sensing and GIS to study coastal erosion and shoreline evolution, Part I	12:15 - 13:30 Mr. Konstantinos Zachopoulos, DUTH Dr. Esraa El Masry, Faculty of Science Oceanography Department, Alexandria University
Lunch Break	13:30 - 14:30 Lunch Break
4. Using remote sensing and GIS to study coastal erosion and shoreline evolution, Part II	14:30 – 15:30 Mr. Konstantinos Zachopoulos, DUTH Dr. Esraa El Masry, Alexandria University
Discussion and Evaluation	15:30 – 16:00 Eng. Essam Nada, RAED Technical Consultant
Day 2: Tuesday 23rd 10:00-16:00 EG time	
1. Accessing data from marine database	10:00 – 11:100 Ms. Maria Zidou, DUTH
2. Forecasting models for ocean circulation and waves in Marinomica (Nile zone of influence).	11:00-12:00 Dr. Katerina Spanoudaki, FORTH
Coffee Break	12:00 – 12:15
3. Introduction to Marinomica	12:15 – 13:15 Dr. Simon Keeble, Blue Lobster IT

4. Analyzing historical trends of eutrophication indices using Marinomica	13:15 – 14:30 Mr. Lorinc Meszaros, Deltares
Lunch Break	14:30 - 15:30 Lunch Break
Discussion and Evaluation	15:30 - 16:00 Eng. Essam Nada, RAED Technical Consultant

Day 3: Wednesday 24th 10:00-16:00 EG time	
1. Climate Change International Conventions and Global Initiatives	10:00 – 10:45 Dr. Sayed Sabry Mansour, International Climate Change Expert, ESDF Founding member
2. Climate Data Acquisition	10:45 – 12:00 Dr. Esraa El Masry, Alexandria University
Coffee Break	12:00 – 12:15
3. Role of GIS applications and RS in Climate Change Impact Assessment, Part I	12:15 – 13:15 Dr. Esraa El Masry, Alexandria University
4. Role of GIS applications and RS in Climate Change Impact Assessment, Part II	13:15 – 14:15 Dr. Esraa El Masry, Alexandria University
General Discussion, Networking and way forward	14:15 – 14:45 Dr. Emad Adly, RAED General Coordinator
Lunch Break and Departure	14:45