

## Course information

### Duration

2 weeks online mode (35 hours).  
Includes previous lectures,  
classroom sessions and course  
preparation assignments.

### Venue

OTGA Platform, Coordination:  
Escuela Superior Politécnica del  
Litoral

### Trainers

- Carlos Martillo
- Iván Saltos
- Eduardo Cervantes
- Jonathan Cedeño
- Gina Andrade
- Mishelle Muthre
- Mónica López
- Elvis Espinoza
- Jacqueline Rivas

### Period for Applications

August 30<sup>th</sup> – September 19<sup>th</sup> 2021

### To apply

Please fill the **online application**  
form: <https://bit.ly/3BKcNO6>

### More information

<https://oceanexpert.org/event/3253>

### Language of instruction:

Spanish

No tuition fee applies.

### Contact

- Jonathan Cedeño (ESPOL):  
[jcedeno@espol.edu.ec](mailto:jcedeno@espol.edu.ec)
- OTGA Secretariat:  
[ioc.training@unesco.org](mailto:ioc.training@unesco.org)

### Useful sites:

- [www.gemac.espol.edu.ec](http://www.gemac.espol.edu.ec)
- [www.oceanteacher.org](http://www.oceanteacher.org)
- [www.oceanexpert.net](http://www.oceanexpert.net)
- [www.ioc-cd.org](http://www.ioc-cd.org)



## Coastal zone management: Coastal erosion and tools for their study 10 – 23 November 2021

Coastal erosion is, in recent times, one of the most frequently identified threats on the coast. In some segments of the global coastline, the effects are serious and have already become a reality. Putting pressure on the communities and economic activities of the affected coastline. A correct evaluation and understanding of this threat is necessary, as well as guides that allow a comprehensive management of the areas where they occur.

This course aims to study coastal erosion; establishing tools for their observation and quantification; and having as integrating elements the concepts of Disaster Risk Reduction and Integrated Coastal Management within the set of natural hazards.

### Learning Outcomes

After the course participants will have the knowledge, skills and experience to be able to:

- Identify the main natural hazards to which the coastal zone is exposed, and their effects on the adjacent zones.

- Apply the tools for the identification and quantification of coastal erosion.
- Present the concepts of Integrated Coastal Management and Risk Management as unifying elements of coastal zone management.

### Target Audience

National and international professionals in risk management, earth sciences, oceanic sciences, ocean/oceanographic engineering, and geographers.

Note: UNESCO is committed to promote equal access principles. Applications from minority or underrepresented groups are strongly encouraged.

### Course Pre-requisites

Applicants are expected to:

- Have an interest or new responsibilities in coastal hazard analysis.
- Have a working knowledge of Spanish and English.

**A Certificate of Participation will be issued to all participants (minimum 90% attendance).**