

EARSeL Special Interest Group (SIG) “Remote Sensing of Coastal Zone”

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Website: https://www.enea.it/it/seguici/events/earsel-2021_09jun2021/SIGRemoteSensingofCoastalZone.pdf

Topics

The SIG is a platform for S&T cooperation and information exchange among people interested in:

- physical dynamics of currents, tides, waves and sediment transport,
- flux and transformation of chemical and biological seawater constituents including pollutants,
- relevance of physical conditions for chemical and biological processes,
- morphodynamical processes and their relevance for coastal engineering,
- importance of these factors for economy, sustainability and society,

while investigated with remote sensing, covering active and passive sensors in the ultraviolet, visible, infrared and microwave spectral ranges, algorithms for data interpretation, ground truth methods and modelling of processes using parameters for starting conditions and output validations that can be remotely sensed.

Membership in EARSeL is recommended but is not a prerequisite.



Coastal Zone near the Ny-Ålesund International Research Station

Workshops

A major activity of the SIG is to organize workshops. They form a basis for initiating new networks towards future cooperation in joint projects and other initiatives.

- [9th EARSeL Workshop on Remote Sensing of the Coastal Zone \(2021\)](#)
- [8th EARSeL Workshop on Remote Sensing of the Coastal Zone \(2017\)](#)
- [7th EARSeL Workshop on Remote Sensing of the Coastal Zone \(2015\)](#)
- [6th EARSeL Workshop on Remote Sensing of the Coastal Zone \(2013\)](#)
- [5th EARSeL Workshop on Remote Sensing of the Coastal Zone \(2011\)](#)
- [4th EARSeL Workshop on Remote Sensing of the Coastal Zone: Coasts and Climate Conflicts \(2009\)](#)
- [3rd EARSeL Workshop on Remote Sensing of the Coastal Zone: From Inland to Marine Waters \(2007\)](#)
- [2nd EARSeL Workshop on Remote Sensing of the Coastal Zone \(2005\)](#)
- [1st EARSeL Workshop on Remote Sensing of the Coastal Zone \(2003\)](#)



The reception of the 7th EARSeL Workshop on Remote Sensing of the Coastal Zone has been held in the Stockholm City Hall, the traditional venue of the Nobel Banquet