

Remote sensing of coastal and near-shore systems (224.5006)

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2 points credit.

The course is open to students from all the school's departments.

Grade breakdown: final assignment (100%).

High resolution remote sensing from satellites and drones may provide valuable information in many studies of the coastal and marine environment. This course is meant to expose the students to the advantages in using high resolution remote sensing in the study of near-shore systems, and to provide them with basic tools to do so. The students will be encouraged to bring their own scientific questions, allowing them to incorporate high resolution remote sensing data in their ongoing research.

The course will include 3 or 4 introductory classes, 1 or 2 days field work of drone-based remote sensing, and practical work of data processing and data analysis.
