



UN4DRR Technical Training
Geoinformation Tools for Coastal Risk Management
 May 9th – 14th 2022, UPV - Valencia

| Day | Time | Session | Facilitator |
|------------------------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| Sunday 08/05/2022 | | Arrival to Valencia | |
| Monday 09/05/2022 | Morning session | Physical drivers of coastal risks (Theory, 2 h) Morphodynamic monitoring of coastal areas (Theory, 1 h) | UPV |
| | Afternoon session | Methods for 3D characterization of beaches and dunes (LiDAR, SfM, etc.) (Practice, 3h) | UPV |
| Tuesday 10/05/2022 | Morning session | Monitoring coastal floods using satellite images (GEE) (Practice, 3.5h) | UPV |
| | Afternoon session | Mapping shoreline changes: data sources, methods and analysis (Practice, 3h) | UPV |
| Wednesday 11/05/2022 | | Field visit – Albufera Natural Park and Technical Office. Geomorphology and anthropic actions of Valencian coastal area | UPV |
| Thursday 12/05/2022 | Morning session | Hyperspectral data for coastal systems. Coral reef and submerged vegetation mapping (45m) Processing of hyperspectral data (ENVI, R Studio, QGIS) (Practice, 2h) | VUB (Jonathan Chan) |
| | Afternoon session | EO remote sensing for ecological disaster (oil spills) | UNIZG (Andrija Krtalić) |
| | Evening | Social dinner | |
| Friday 13/05/2022 | Morning session | MOOC Evaluation - MNU, PDN, CMB | UNIC (Kyriakos Georgiou) |
| | Afternoon session | MOOC Evaluation - IPB, SKU | UNIC (Kyriakos Georgiou) |



609592-EPP-1-2019-1-BE-EPPKA2-CBHE-JP

Co-funded by the
Erasmus+ Programme
of the European Union



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| Saturday 14/05/2022 | Morning session | MOOC Evaluation - Remarks | UNIC (Kyriakos Georgiou) |
| | Afternoon session | Steering Committee Meeting | All |
| Sunday 15/05/2'22 | Departure from Valencia | | |

Morning sessions: from 9:00 to 13:00 / Afternoon sessions: from 14:30 to 18:00