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Workshop nº 1

Open data and models for mapping ecosystem service



Dr. Pedro Cabral is Associate Professor with Habilitation in GIS at NOVA IMS. He got a PhD Applied Mathematics to Social Sciences at the École des Hautes Études en Sciences Sociales (EHESS, Paris). He was a post-doc Researcher at UMR AMURE (Ifremer-UBO, Brest) where he worked in marine and terrestrial ecosystem services. His research interests are ecosystem services and GIS. He has published in top [academic journals](#) related to GIS applied to environmental issues. He is a [Scopus Highly Cited Researcher](#) in the area of Artificial Intelligence & Image Processing. He is associate editor of the Journal of Urban Planning and Development (ASCE). Pedro is leading projects related to Ecosystem Services ([ASEBIO - FCT](#)) and open educational contents related to applied geomatics to social and environmental issues (GEONATURA - Erasmus+).

The workshop will provide a perspective on existing open datasets and models to work with ecosystem services. A live demo will be provided about how to use an open model with open data to calculate an ecosystem service indicator from land cover maps. We will show how we are providing these indicators for free to users. Overall, this workshop will promote the importance of the ecosystem services concept for sustainability and human well-being.