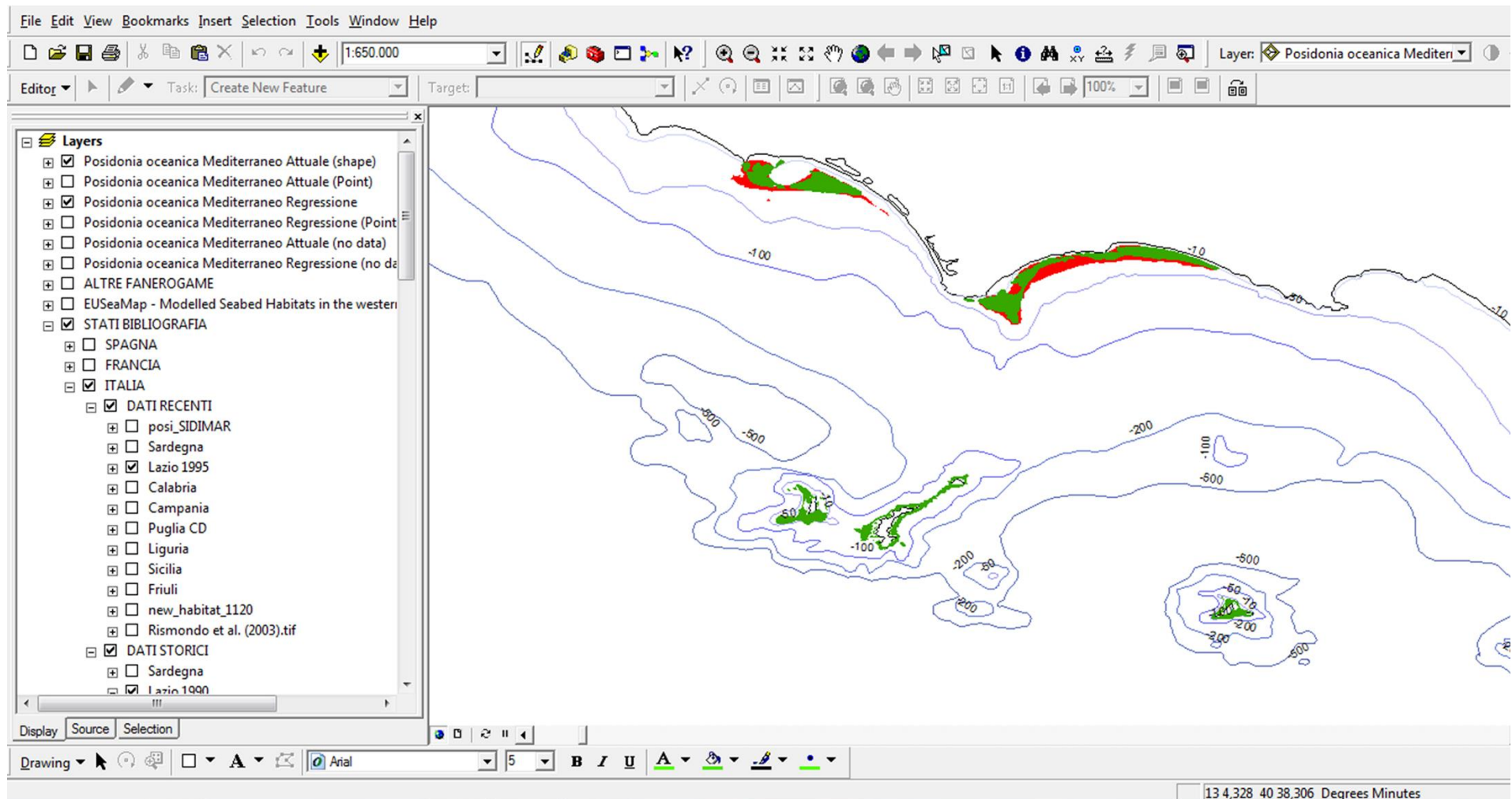


SUPPLEMENTARY INFORMATION

Seagrass meadows (*Posidonia oceanica*) distribution and trajectories of change

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1. **Supplementary Figure S1.** An example of GIS output
2. **Supplementary References.** Sources of data on the distribution of *Posidonia oceanica*
3. **Supplementary Table S1.** (Excel spreadsheet). Subset of the Supplementary References that are linked to a specific geographic area (specific Country or Mediterranean region)



Supplementary Figure S1. An example of the GIS output. *Posidonia oceanica* meadows along the coast of Latium (Italy, Central Tyrrhenian Sea): in green the current distribution of *P. oceanica*¹⁹, in red the negative difference (lost *P. oceanica*) based on a historical map (see Ardizzone, G.D. & Belluscio, A. (1996), Supplementary References) that was used to estimate the regression. Bathymetries, blue lines, from the “Istituto Idrografico della Marina, Italy”. Map created with ArcGIS® software by Esri (Environmental Systems Resource Institute, ArcMap 9.3, www.esri.com) using data from OpenStreetMap.org (© OpenStreetMap contributors⁵⁹).

Supplementary References. Sources of data on the distribution of *Posidonia oceanica*

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Posidonia oceanica Monitoring Network in Balearic Islands, LIFE Project

<http://lifeposidonia.caib.es>

Posidonia oceanica Monitoring Network in Andalusia, LIFE Project

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Posidonia oceanica Monitoring Network in Cataluna

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Posidonia oceanica Monitoring Network in Comunidad Valenciana

<http://www.ecologialitoral.com>

Junta de Andalucia, Cosejeria de Medio Ambiente y Ordenacion del Territorio

http://www.juntadeandalucia.es/medioambiente/rediam/descargas_informacion_ambiental

GIS Posidonie, *Posidonia* Monitoring Network in the NW Mediterranean Sea

<http://www.mio.univ-amu.fr/gisposidonie/>

Water quality and Seagrass mapping, an opportunity for Greek Aquaculture – ESA aquaculture consultation

http://due.esrin.esa.int/files/m253/RS08_pkm027-529-1.0_ESA_aquaculture_consultation.pdf

Monitoring of the impact of coastal development projects on *Posidonia ocedanica* meadows

<http://www.ecoserv.com.mt/Current%20Projects.htm>

European Seagrass network: European Cooperation in Science and Technology (COST)

http://www.cost.eu/COST_Actions/essem/Actions/ES0906

Global Seagrass Monitoring Network (SeagrassNet)

<http://www.seagrassnet.org/>

World Seagrass Association

<http://wsa.seagrassonline.org/>

Join Nature Conservation Committee (JNCC):

EMODnet – EUSeaMap, Pilot portal for broadscale modelled seabed habitats

<http://www.jncc.gov.uk/page-5040>

Regional Activity Center for Specially Protected Areas (RAC/SPA)

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