

Shifting Sands



Short Name

Shifting Sands

Formal Name

Shifting Sands

Contact Person

Caterina Amicucci

Institution/Organisation

Rizomi.lab

Website

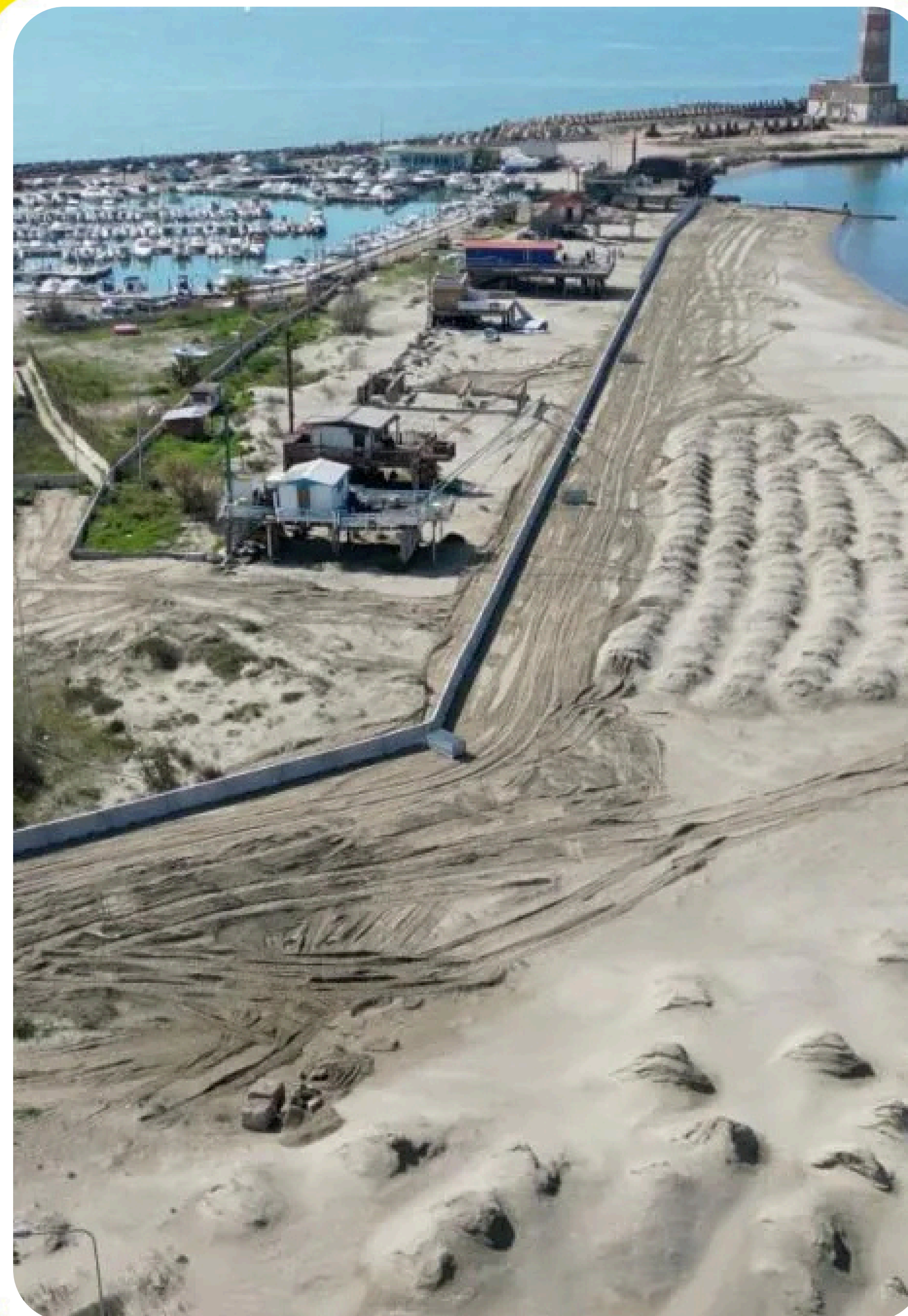
<https://www.rizomilab.org/>

Social Media

TBC



Rough seas make strong communities, let's navigate changes together. Grassroot and community science for environmental justice.



Summary

Shifting Sands is a citizen science initiative based near the Tiber river mouth in Fiumicino, Italy, led by Rizomi.Lab representing the inclusive sailing community Mujeres in Mare, which includes women, LGBTQI+, and refugee participants. In collaboration with Ponentino ASD, Scienza Radicata, and a wide network of local stakeholders—students, environmental activists, fishermen, and institutions—the project involves 150 citizen scientists in collecting and analyzing crucial data on seabed changes and siltation. These changes, linked to the big cruise port development, have raised serious environmental concerns. Through accessible training, participatory boat missions, data analysis, open-source mapping, and storytelling, Shifting Sands aims to fill a major scientific gap and give local communities the tools to engage in informed public debate. By adopting a simple, replicable methodology, the project ensures communities can continue monitoring and advocating for sustainable coastal management well beyond its completion.