



## **Tsunamis in Ligurian Sea**

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The Ligurian sea, is characterized by steep submarine slopes ( $5^{\circ}$  to  $20^{\circ}$ ) and the absence of any continental platform. Sedimentary supplies come from three main rivers. These deposits lying on steep slopes create large amount of unstable sedimentary material which sometimes evolve into turbidity currents. But they also may provoke massive landslides in response to gravity (e.g., the 1979 landslide event in Nice airport (french riviera) which caused 2 to 3 m high waves on the coast between Antibes and Beaulieu). The coastal effects of tsunamigenic landslides that occurred in the area are studied thanks to accurate bathymetric sampling of the area.