

Tsunami in Eastern Mediterranean

Tuesday, June 20, 2023 9:03 AM (1 minute)

The eastern Mediterranean Basin was always the main trade route and cultural exchange between the old-world continents. Being centered in the middle of the three continents, the region is often referred to as the cradle of civilization. Meanwhile, it has suffered several catastrophic events, including earthquakes and Tsunamis. Due to its populated coasts, the possibility to record damage and casualties provided one of the longest historical tsunami and earthquake catalogues in the world. In this paper, we investigate the coastal deposits to find high energy deposits and correlate them to the historical tsunami catalogue to provide insights into the size and impact of such events. The results showed a strong impact of large tsunamis from the Hellenic arc on the Egyptian coasts but also left open questions about possible unrecorded tsunamis in our historical catalogues.

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Promotional text

This paper brings new results for finding tsunami deposits in one of the most important cities in the Eastern Mediterranean which may bring new questions about tsunamis in Eastern Mediterranean.

Oral preference format

in-person

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Session Classification: Lightning talks: P1.3, P1.4, P5.2

Track Classification: Theme 1. The Earth as a Complex System: T1.3 The Oceans and their Properties