



Tsunami Risk for Israeli Coast of Mediterranean

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The historical data of tsunamis recorded on the Israeli coast of Mediterranean is discussed and analyzed. Total number of tsunamis is about 20 and most historical tsunamis occurred in the “pre-instrumental” era. That is why the information of tsunamis in Israel is rather poor: neither runup heights nor other quantitative characteristics of tsunami waves are given. Only the 1956 Greek tsunami has been recorded instrumentally. The tsunami potential of the coastal locations in Israel from distant tsunamis is evaluated. Some examples of modelling of prognostic tsunami propagation in the Eastern Mediterranean from the Hellenic Arc to the coasts of the Eastern Mediterranean are given. The results of the numerical modelling of the 1956 tsunami are discussed in detail.