



The potential of the 365 AD tsunami - Limitations by ancient sources, geodynamics and sub-marine topography

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The potential effects of the reported 365 AD tsunami has been estimated from devastating the whole Eastern Mediterranean down to at least Southern Greece and Egypt. The location of the epicenter of the earthquake which should have caused the tsunami is very questionable from the point of view of geodynamics. Also the spreading regarding the sub-marine topography cannot be easily aligned to the reported run-up locations. A more local tsunami caused by a large land-sliding off the Egyptian coast is suggested. The consequences for a potential tsunami warning system in the Eastern Mediterranean will be discussed.