

Paleo Tsunamis with Strontium

Tuesday, 20 June 2023 09:56 (1 minute)

The main objective of this project is to be able of identifying Paleo tsunamis and climate change. Using heavy metals deposits and calcium ratio, more specifics strontium. Our islands during time have been affected by a lot of earthquakes, leaving an enormous possibility of being affected by tsunamis, more of them, historically. Using strontium and calcium ratio we will be able to detect where have been places in our cost and season of drought, that have been affected by these kinds of events. All the coastal have been by the influence of tsunamis generating by subduction earthquakes. Since the formation of the island, leaving all of the island shores with sediments, organic materials and heavy metals, the study of this sediments, the detection of this metals. Geochronological dating using strontium and calcium ratio have been used before, for these purpose with a high level of confidence and a low values of standard deviations. This analysis will also leave us the possibility to review our risk analysis in terms of climate events and generate others research in terms of new climate policy form our governments.

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Promotional text

Dating Paleo Tsunamis with strontium.

Oral preference format

in-person

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

Track Classification: Theme 5. CTBT in a Global Context: T5.2 Synergies with Global Challenges