

## IOC Expert Meetings on Tsunami Sources – Caribbean, Pacific

The UNESCO IOC has convened since 2013 a series of regional scientific expert meetings to identify and coordinate scenario analysis of future tsunami events (sources, hazards, risk, uncertainties) for the purposes of inundation modeling to support evacuation planning and mapping. Participants have been international and regional experts in geology, seismology, tectonics, paleotsunami and paleo-earthquake research geodetics and tsunami modeling with demonstrated expertise and recent peer-reviewed publications in the region of interest.

Below are the meeting web sites where presentations and the Summary Report (containing a table of earthquake parameters for input into inundation codes) can be found.

### **Northern Hispaniola, 10-11 July 2013**

<https://oceanexpert.org/event/1348>

*[Earthquake and tsunami hazard in Northern Haiti: Historical events and potential sources \(Meeting of experts\). Paris, UNESCO, 2013, pp.29 \(WR-255\)](#)*

### **South China Sea – 16-18 November 2015**

<https://oceanexpert.org/event/1707>

*[Scientific meeting of experts for coordinated scenario analysis of future tsunami events and hazard mitigation schemes for the South China Sea region, Xiamen, China, 16–18 November 2015. Paris, UNESCO, 2018, 33 pp \(WR-275\)](#)*

### **Southern Dominican Republic – 6-7 May 2016**

<https://oceanexpert.org/event/1842>

*[Sources of tsunamis in the Caribbean with possibility to impact the southern coast of the Dominican Republic, Santo Domingo, Dominican Republic, 6–7 May 2016. Paris, UNESCO, 2016, pp.36. English and Spanish. \(WR-276\)](#)*

### **Central America – 23-24 June 2016**

<https://oceanexpert.org/event/1840>

*[Tsunami Hazard in Central America: Historical Events and Potential Sources. San José, Costa Rica, 23–24 June 2016. Paris, UNESCO, 2018. \(WR-278\)](#)*

Website showing numerical models for scenarios (hosted by NCEI for ICG/CARIBE-EWS) - Caribbean and Adjacent Regions Tsunami Sources and Models

<https://maps.ngdc.noaa.gov/viewers/CATSAM/>

### **Tonga-Kermadec Trench – 29 October – 2 November 2018, Wellington, NZ**

<https://oceanexpert.org/event/2338>

*[Expert meeting on tsunami sources, hazards, risk and uncertainties associated with the Tonga-Kermadec Subduction Zone. Wellington, New Zealand, 29 October–3 November 2018. Paris, UNESCO 2020 \(WR-289\).](#)*

**Lesser Antilles – 18-20 March 2019**

<https://oceanexpert.org/event/2395>

*Experts Meeting on Sources of Tsunamis in the Lesser Antilles. Fort-de-France, Martinique (France), 18–20 March 2019. Paris, UNESCO.2020 (WR-291)*

**Ecuador-Colombia Border, 27-29 January 2020 (meeting in progress)**

<https://oceanexpert.org/event/2548>

*Expert Meeting on Tsunami Sources, Hazards, Risk and Uncertainties Associated with the Colombia-Ecuador Subduction Zone. Guayaquil, Ecuador, 27–29 January 2020. Paris, UNESCO, 2021. (WR-295)*

**Chile-Peru border, 22-25 August 2023**

<https://oceanexpert.org/event/3949#overview>