

## 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 seismology and tsunami modeling.

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.

### Haiti, 10-11 July 2013

<http://www.ioc->

[tsunami.org/index.php?option=com\\_oe&task=viewEventRecord&eventID=1348](http://www.ioc-tsunami.org/index.php?option=com_oe&task=viewEventRecord&eventID=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

<http://www.ioc->

[tsunami.org/index.php?option=com\\_oe&task=viewEventRecord&eventID=1707](http://www.ioc-tsunami.org/index.php?option=com_oe&task=viewEventRecord&eventID=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)

### Dominican Republic – 6-7 May 2016

<http://www.ioc->

[tsunami.org/index.php?option=com\\_oe&task=viewEventRecord&eventID=1842](http://www.ioc-tsunami.org/index.php?option=com_oe&task=viewEventRecord&eventID=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

<http://www.ioc->

[tsunami.org/index.php?option=com\\_oe&task=viewEventRecord&eventID=1840](http://www.ioc-tsunami.org/index.php?option=com_oe&task=viewEventRecord&eventID=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

<http://www.ioc->

[tsunami.org/index.php?option=com\\_oe&task=viewEventRecord&eventID=2338](http://www.ioc-tsunami.org/index.php?option=com_oe&task=viewEventRecord&eventID=2338)

[Tsunami sources, hazards, risk and uncertainties associated with the Tonga-Kermadec Subduction Zone](#)

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

<http://www.ioc->

[tsunami.org/index.php?option=com\\_oe&task=viewEventRecord&eventID=2395](http://www.ioc-tsunami.org/index.php?option=com_oe&task=viewEventRecord&eventID=2395)

[Experts Meeting on Sources of Tsunamis in the Lesser Antilles](#)

Fort de France, France

**Ecuador-Colombia Trench, 27-29 January 2020**

<http://www.ioc->

[tsunami.org/index.php?option=com\\_oe&task=viewEventRecord&eventID=2548](http://www.ioc-tsunami.org/index.php?option=com_oe&task=viewEventRecord&eventID=2548)

[Expert Meeting on Tsunami Sources, Hazards, Risk and Uncertainties Associated with the Colombia-Ecuador Subduction Zone](#)

Guayaquil, Ecuador

**Peru-Northern Chile, 21-25 August 2023**

UNESCO-IOC Meeting of Experts on tsunami sources and hazard in southern Peru and northern Chile

*Report drafting in progress...*

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

Arica, Chile

**Vanuatu, San Cristobal, New Britain Trenches, 14-17 May 2024**

<https://oceanexpert.org/event/4198>

*Report drafting in progress...*

Port Vila, Vanuatu