**FACT SHEET Working Group 1:**

**Understanding Tsunami Risk**

**Co-Chairs**: Dr Diego Arcas (USA) – (April 2017 -) and - VACANT

|  |
| --- |
| Terms of References:1. Develop and promote best practice tsunami risk reduction material, programmes, standards and tools for understanding tsunami risk, to support emergency management and early warning, including but not limited to:
* hazard assessment and coastal inundation models and products
* risk assessment methodology and risk forecasting
* scenario assessments including maximum credible and most likely events to understand likely exposure, vulnerability and event frequency
* forecast and threat models
* evacuation and inundation modelling
* use of new and improved data including Digital Elevation Modelling (DEM), GNSS and paleotsunami information
1. Work with International Union of Geodesy and Geophysics (IUGG) and other scientific bodies to ensure the translation of science information to support tsunami risk assessment and risk reduction. Develop recommendations for IUGG and other scientific bodies on science gaps in hazard assessment capability.
2. Better understand and develop best practice for assessing and reducing the risk of local source and non-seismic tsunami sources.
3. Develop projects in conjunction with subject matter experts and groups with specific interest to address gaps or areas for improvement in tsunami risk assessment and risk reduction.
4. Provide hazard specific support and advice to other ICG/PTWS working groups and working groups from other ocean basins, as well as other working groups to understand, coordinate and develop ways to address tsunami risk management.

The Group will be composed of members nominated by Member States, with two co-chairs, one from a science and one from a disaster risk management background, to be elected. |
| Membership:1. Dr Diego Arcas, NOAA/PMEL (USA) (Chair).
2. Ms Sarah-Jayne McCurrach, MCDM (New Zealand)
3. Mr. Nguyen Hong Phuong, IGP-VAST, Vietnam
4. Mr. Prasong Thammapala, NDWC (Thailand)
5. AFIQ AIMAN BIN JAYA, Brunei National Seismic Centre (NSC) (Brunei)
6. Carlos Alberto Vargas Jiménez, Director of the Geophysics Group of the National University of Bogotá, Colombia
7. Alexander Caneva, Geophysics Group of the National University of Colombia, Bogota, and Department of Physics of the Pontificia Universidad Javeriana, Colombia
8. Members to be nominated by China, France and Palau
 |
| The following applies to all working groups:Languages: English, Spanish and FrenchMeetings: Meet intersessionally.Coordinator and Elections: Follow the rules of procedures applying to IOC Subsidiary Bodies. Chair and at least one vice chair who will be elected either by the ICG/PTWS or the members of the working group for two years with possible reelection of one term in the same position.Members and appointment: Nominated by member states in accordance with the rules of procedures applying to IOC Subsidiary bodies. Technical experts can be invited at the discretion of the Chair.Calendar of Intersessional work should be determined by the working group at the working group meeting and included in the report.Duration of the WG: Two years.Reports: A final report has to be submitted two months before the parent body meeting and for each working group meeting within the two following months. Financial resources: At national expense.Amendments: As warranted by the working groups. |
|  |

**Contact Details Working Group 1: Understanding Tsunami Risk**

|  |  |  |
| --- | --- | --- |
| **Name and Contact Details** | **Institution, Country** | **Email** |
| Dr Diego ARCAS NOAA Pacific Marine Environmental Laboratory7600 Sand Point Way NE, Bldg. 3Seattle WA 98115United StatesTel: 206 526 6216Fax: 206 526 6485 | NOAA Pacific Marine Environmental Laboratory, USA | diego.arcas@noaa.gov |
| Mrs Sarah MCCURRACH Team Leader Hazard Risk ManagementHazard Risk ManagementMinistry of Civil Defence & Emergency ManagementPO Box 5010Wellington 6145New ZealandTel: +27 839 7202 | Ministry of Civil Defence & Emergency Management, New Zealand | sarah-jayne.mccurrach@dpmc.govt.nz |
| Mr. Nguyen Hong PhuongSenior researcherEarthquake Information and Tsunami Warning centerInstitute of Geophysics - Vietnam Academy of science and TechnologyBuilding A8, 18 Hoang Quoc Viet Rd, Cau Giay, Hanoi, VietnamTel: +84 24 39940320 | Institute of Geophysics - Vietnam Academy of science and Technology, Vietnam | phuong.dongdat@gmail.com |
| Mr. Prasong ThammapalaScientistNational Disaster Warning CenterDepartment of Disaster Prevention and MitigationDusit District, Bangkok, Thailand. 10300Tel. (66)0-2637-3604 Fax. (66)0-2241-4403 | National Disaster Warning Center, Thailand | bp5561@gmail.com  |
| Mr AFIQ AIMAN BIN JAYANo.4, Spg 544, Kg Masin, Jln Mulaut Limau Manis. BSB.+6738311512 | Brunei National Seismic Centre (NSC), Brunei | Afiq.aiman.jaya@gmail.com  |
| Dr. Carlos Alberto Vargas Jiménez, Director of the Geophysics Group of the National University of Bogotá, Colombia | National University of Bogotá, Colombia | cavargasj@unal.edu.co  |
| Dr. Alexander Caneva, Geophysics Group of the National University of Colombia, Bogota, and Department of Physics of the Pontificia Universidad Javeriana, Colombia | National University of Colombia, Bogota, Colombia | acanevar@unal.edu.co  |
|  | China |  |
|  | France  |  |
|  | Palau |  |
|  |  |  |