**CARIBE-EWS Expert meeting agenda, Costa Rica, December 2-5, 2024**

|  |  |  |
| --- | --- | --- |
| **Time** | **Tuesday 03/12/2024** | |
| 08:30 - 10:30 | **Joint session** | |
| **Welcoming remarks** (Ocal Necmioglu, Silvia Chacon Barrantes) **Purpose of the meeting and overview of past expert meetings** (Frédéric Dondin, Raphaël Paris)  **Introduction of participants**  **Presentation of CATSAM** (Nicolas Arcos, online) **Introduction to TRRP programme** (Silvia Chacon Barrantes) | |
|  |
| 10:30 - 11:00 | Coffee Break | |  |
| 11:00 - 12:30 | **Presentation of the Global Tsunami Model** (Finn Lovholt, online)  **Tsunami hazard assessment opportunities for the Caribbean** (Natalia Zamora, online)  **The example of the NEAM PTHA** (Stefano Lorito and Hong Kie Thio, on line) | |  |
| 12:30 - 13:30 | Lunch Break | |  |
| 13:30 - 15:30 | **Parallel sessions** | |  |
| **NW Caribbean earthquake sources** | **Non-seismic sources** |  |
| ***Overview of seismic sources of tsunamis in the NW Caribbean Region: tectonic setting and historical events*** (Emile Okal) | ***0verview of non-seismic sources in the Caribbean Region: a state of the art from the last Expert meeting in Martinique (2019)*** (Raphaël Paris) |  |
| 15:30 –16:00 | Coffee Break | |  |
| 16:00 – 17:30 | ***All participants are then invited to present slides of their choice to illustrate the discussion*** | ***All participants are then invited to present slides of their choice to illustrate the discussion*** |  |

|  |  |  |
| --- | --- | --- |
| **Time** | **Wednesday 04/12/2024** | |
| 08:30 - 10:30 | **Parallel sessions** | |
| **NW Caribbean earthquake sources** | **Non-seismic sources** |
| **Discussion on the sources of tsunamis and credible scenarios**  (all participants) | **Results of preliminary simulations of landslide tsunamis**  (Jorge Macias) |
| 10:30 - 11:00 | Coffee Break | |
| 11:00 - 12:30 | **Definition of the parameters of new or updated scenarios to be modelled**  (all participants) | **Discussion on the new sources of landslide and volcanic tsunamis to be simulated**  (all participants) |
| 12:30 - 13:30 | Lunch Break | |
| 13:30 - 15:30 | **Parallel sessions** | |
| **Implementation of the input parameters for numerical models and grid parameterization**  (all participants) | **Designing a probabilistic submarine landslide tsunami hazard assessment for the Caribbean**  (all participants) |
|
| 15:30 - 16:00 | Coffee Break | |
| 16:00 - 17:30 | **Numerical modelling session**  (Jean Roger and all participants)  *NB – it would be good to start preliminary simulations at this stage so that the models can run at night.* | **Designing a probabilistic volcanic tsunami hazard assessment for the Caribbean**  (all participants) |

|  |  |
| --- | --- |
| **Time** | **Thursday 05/12/2024** |
| 08:30 - 10:30 | **Joint sessions** |
| **Summary Presentations from Parallel Sessions**  **Discussion on the preliminary results of numerical modelling and further improvements**  (all participants)  **Discussion on the selection of new volcanic tsunami scenarios**  (all participants)  *NB – volcanic tsunami models are already available in the literature and could be used as reference scenarios* |
| 10:30 - 11:00 | Coffee Break |
| 11:00 - 12:30 | **Joint session** |
| **Discussion on hybrid scenarios combining earthquake and landslide sources** (all participants) |
| 12:30 - 13:30 | Lunch Break |
| 13:30 - 15:30 | **Joint session** |
| **Summary Report of the session on seismic sources**  **Summary Report of the session on non-seismic sources** |
|  |
| 15:30 - 16:00 | Coffee Break |  |
|  | **Final joint session** |  |
| 16:00 - 17:30 | **Joint review and discussion on the outcomes of the parallel sessions**  **Deadlines for the preparation of the report**  **Conclusions** |  |