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

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| **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) |
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| 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*** |  |

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| **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) |
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| 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) |

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| **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** |
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| 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**  |  |