

AGENDA - Experts Meeting "Tsunami Hazard in Central America: Historical Events and Potential Sources", June 23-24, 2016, San Jose, Costa Rica

DAY 1 (only PM)

2:00 PM - Opening

2:15 PM Historical events in the Central America region and adjacent areas [Moderator:Marino Protti]

2:15 – 2:45 Wilfried Strauch *Wilfried Strauch Historical background: Central America Pacific Coast earthquakes and tsunamis*

2:45- 3:15 Emile Okal, *Tsunami Earthquakes: the ultimate challenge in real-time tsunami mitigation*

3:15 – 3:30 PM Pause

3:30 – 4:00 Thorne Lay, *Modeling Tsunami Earthquakes and Slip to the Trench in Great Events*

4:00 - 4:30 Hans Jürgen Meyer & Diana Mendoza, *Possible evidence of prehistoric tsunami impact on San Andrés Island, Colombia and Preliminary evaluation of tsunami potential on the northern segment of the Colombian subduction zone*

4:30 - 5:00 Emile Okal, *Tsunami earthquakes, Landslides and Terraces: the contribution of rogue events to tsunami risk in Central America*

DAY 2 (AM & PM)

8:30 AM Seismic studies and potential tsunamigenic sources in the Central America region [Moderator: Dr. Emile Okal]

8:30-9:00 Jose Antonio Alvarez-Gomez, *Tsunamigenic sources in the Middle America Trench off Central America*

9:00-9:30 Eduardo Camacho, *Seismotectonics and Tsunamis in the North Panama Deformed Belt*

9:30-10:00 Marino Protti, *South Central America sources*

10:00 AM Technical/Scientific development of tsunami modelling for the Central America region, including key parameters [Moderator: Dr. Vasily Titov]

10:00-10:15 Vasily Titov, *Tsunami model forecast approaches*

10:15-10:30 AM Pause

10:30-10:45 Nestor Luque, *Tsunami modeling of the September 7, 1882 tsunami in the Province of Colon, Panama.*

10:45-11:00 Silvia Chacon, *Modeling of local tsunami sources for Costa Rica, Pacific and Caribbean shores*

11: 00-11:15 Natalia Zamora, *Major challenges of the probabilistic tsunami hazard assessment along Central America*

11:15 AM Break-out Groups

Round-up of the three sessions and general guidance discussion chaired by moderators [Marino Protti, Emile Okal, Vasily Titov]. Then separate groups would discuss the two objectives below.

1.1. Earthquake based scenarios – key parameters and geometry of the faults

1.2. Tsunami modelling – datasets inventory for topography and bathymetry, priority gaps

12:30-2:00 PM Lunch break

2:00-3:00 PM Break-out Groups - continued

3:00 PM Summary session – breakout groups report and recommendations

4:30 PM Close of the meeting