



AUSTRAL SUMMER INSTITUTE XI (ASI XI)
 Department of Oceanography & FONDAP COPAS Center
 University of Concepcion, Chile

From Tsunamis to Water Pathogens: Understanding Ocean Hazards in the XXI Century

3-28 January, 2011

PROGRAM

Lecturer	Institution	Course	Date
Bernardo Aliaga Sergio Barrientos Marcelo Lagos Marco Cisternas Irina Rafliana	IOC UNESCO Universidad de Chile Pontificia Universidad Católica de Chile Pontificia Universidad Católica de Valparaíso Indonesian Institute of Sciences	Understanding tsunamis and preparing to cope with	3-7 January
Brian F. Atwater Marco Cisternas Andrés Tassara Gabriel Vargas	U.S. Geological Survey Pontificia Universidad Católica de Valparaíso Universidad de Concepción Universidad de Chile	Tectonics and recurrence of great subduction earthquakes	10-14 January
Larry E. Brand	University of Miami	Marine hazards to human health: Natural and anthropogenic	17-21 January
Mike DeGrandpre	The University of Montana	The Ocean Carbon Cycle: From Ocean Acidification to Oil Spills	23-28 January

Open workshop

A workshop open to the community will be held on January 7th at the Main Campus of UDEC. "Tsunamis: comprendiéndolos y conviviendo con el riesgo" ("Tsunamis: understanding them and coexisting with the risk"). This Workshop is organized with the support of IOC UNESCO, Paris and their office in Santiago.

Field work

2 field trips are programmed during ASI XI.

The first one (with the course "Understanding tsunamis and preparing to cope with") will take place on January 7 to the tsunami affected areas (Dichato, Penco, Tomé)

The second one (with the course "Tectonics and recurrence of great subduction earthquakes") will take place on January 14 to the Arauco Peninsula.