



SEMINARIO

Nuevos desarrollos en ingeniería costera

*Recent developments in coastal engineering**

Lunes 10 de Abril

Sala Musicámara, Centro de Extensión Universidad de Valparaíso

PROGRAMA

10:00 hr. / Patricio Winckler, PhD.

*Associate Professor in Ocean Engineering
Universidad de Valparaíso, Chile.*

Welcome & introduction to the seminar.

10:10 hr. / Matías Carvajal, MSc.

*Civil Engineer, MSc. In Oceanography
Universidad Católica de Valparaíso, Chile.*

Exploring the future tsunami hazard for Metropolitan Chile from its historical record.

10:25 hr. / Marisella Ortega

*Geophysicist, MSc. (c) in Civil Engineering
Universidad Técnica Federico Santa María, Chile.*

Incorporating geological constraints into stochastic scenarios for tsunami inundation.

10:40 hr. / Harold Díaz

*Civil Engineer, MSc. In Civil Engineering
Universidad Técnica Federico Santa María, Chile.*

Quantifying two-dimensional wave breaking dissipation in the surf zone.

10:55 hr. / Alejandra Gubler, MSc.

*Civil Engineer, MSc. In Civil Engineering
Universidad Técnica Federico Santa María, Chile.*

Assessment of near field tsunami hazard

11:10 hr. / Break

11:30 hr. / Patricio Winckler, PhD.

*Associate Professor in Ocean Engineering
Universidad de Valparaíso, Chile.*

Tides, tsunami and meteotsunamis in Chile.

11:50 hr. / Mauricio Reyes, MSc.

*Associate Professor in Ocean Engineering
Universidad de Valparaíso, Chile.*

Bringing tsunami science to the community.

12:10 hr. / Kuang-An Chang, PhD.

*Professor in Coastal and Ocean Engineering
Director, Haynes Coastal Engineering Laboratory
University of Texas A&M, United States.*

Tsunami flow, impact pressure, and load on a simplified coastal building.

12:50 hr. / James Kaihatu, PhD.

*Professor in Coastal and Ocean Engineering
University of Texas A&M, United States.*

Tsunami Propagation around Offshore Islands.

13:30 hr. / Concluding remarks.

**El seminario es en inglés, pero se traducirá (si es necesario) en ronda de preguntas*

ORGANIZAN:

Escuela de Ingeniería Civil Oceánica Universidad de Valparaíso
Departamento de Obras Civiles, Universidad Técnica Federico Santa María
CIGIDEN, Pontificia Universidad Católica