

1999 Chi-Chi Earthquake

International Conference in Commemoration of 20th Anniversary of the 1999 Chi-Chi Earthquake

Time September 15th to 19th, 2019

Venue HOWARD CIVIL SERVICE
INTERNATIONAL HOUSE,
TAIPEI CITY, TAIWAN

Important Dates

Deadline for Abstract Submission:

31, January, 2019 (postponed)

Deadline for Final Paper Submission:

31, May, 2019

Sustainable and Seismic-Safe Society

In the last two decades, the massive and high-quality strong-ground motion data of the 1999 Chi-Chi earthquake has contributed to the developments of seismology, earthquake engineering, and disaster management, especially for the ground motion prediction, near-fault effect, seismic evaluation, and seismic retrofit. It also has benefited the development of disaster prevention technologies, including earthquake early warning, seismic loss and risk assessment. Therefore, the conference will address the issue of “Sustainable and Seismic-Safe Society” to learn from the past, examine the progress we have made so far, and also look forward to having a more seismic-safe society in the future.

Topics

- (1) Earthquake geology and active faults
- (2) Active tectonics and observations
- (3) Physics-based earthquake phenomena and ground motion prediction
- (4) Engineering seismology
- (5) Near fault ground motion
- (6) Geotechnical earthquake engineering
- (7) Seismic design, evaluation and retrofit
- (8) Seismic loss and risk assessment
- (9) Monitoring and early warning
- (10) Advanced method for simulation
- (11) Photogrammetry and visualization
- (12) Lessons learned from post-disaster response and recovery
- (13) Policy and implementation for reducing risk
- (14) Public-private-partnership for risk management



WEB: ChiChi20.org

Adviser



Organizer



Co-organizer

