

NCDR is Devoted to International Disaster Resilience Training

October, 2024; Taiwan

2024 International Training Workshop (2024 ITW) on Smart Technology and Earthquake Risk Management

The 2024 International Training Workshop (2024 ITW) on Smart Technology and Earthquake Risk Management was held in person in Taipei, Taiwan, from October 28 to November 2, 2024.

Since 2005, the National Science and Technology Center (NCDR) has hosted a series of International Training Workshops (ITWs), welcoming over 500 participants in the past, including national and local officials in mitigation and emergency management, planning professionals, representatives of nonprofit and humanitarian organizations, hazard researchers, and disaster practitioners.



Figure 1 The Opening Ceremony of 2024 ITW

This year, the 2024 ITW aims to empower the participants in seismic risk management by applying smart technology. The workshop unites academics, practitioners, and emergency responders interested in smart technology and earthquake emergency management. Participants could share knowledge in seismic science and technology, learn about intelligent information platforms and tools, and attend invited talks on case studies of recent catastrophic earthquakes.

To corporate with the Emergency Response Command Academy(ERCA) of New Taipei City, participants also can actively explore emergency response decision support systems and participate in tabletop exercises, fostering collaboration and shared learning.



Figure 2 The tabletop Exercises worked at ERCA

The organizer also invited several keynote speeches, the speakers are from the Center for Excellence in Disaster Management and Humanitarian Assistance of USA, the National Research Institute for Earth Science and Disaster Resilience of Japan, National Resilience Council of the Philippines, and the State College of Meteorology, Climatology, and Geophysics of the Republic of Indonesia.

There are 40 participants to attend 2024 ITW, including India, Indonesia, Japan, Malaysia, Myanmar, Sri Lanka, the Philippines, Thailand, Sri Lanka, and Vietnam.



Figure 3 Director Chen presented the certificates of 2024 ITW

NCDR has devoted to international disaster risk reduction trainings more than decades, and expected to inspire innovation and science-based technology focused on improving seismic risk management in Southeast Asia, South Asia, Pacific Island nations, and globally.

2024 GCTF International Workshop on Impacts of Climate Change on the Ocean

National Science and Technology Center for Disaster Reduction, in collaboration with the Ministry of Foreign Affairs, the United States, Japan, Australia, and Canada, co-hosted the international workshop on "The Global Cooperation and Training Framework (GCTF) International Workshop on Impacts of Climate Change on the Ocean". The event, held in partnership with the National Human Rights Commission, the Ocean Affairs Council, and the Kaohsiung City Government, took place in Kaohsiung from October 1 to 2, 2024.

A total of 38 distinguished guests from 21 countries worldwide, along with 161 domestic experts and scholars specializing in marine research and climate change mitigation and adaptation, participated in the event. As Typhoon Krathon was impacting Taiwan during the event, the organizers adapted by adopting a hybrid format of in-person and online sessions to share best practices from various countries and promote global sustainable development.



Figure 4 2024 GCTF International Workshop on Impacts of Climate Change on the Ocean in Kaohsiung

Additionally, speakers from Taiwan and abroad shared their experiences on topics such as ocean health and environmental strategies, disaster risk assessment, climate change adaptation and mitigation, governance of harbor cities, and the sustainable blue economy. Other guests from coastal cities discussed the challenges they face due to climate change and their response strategies, while youth participants contributed perspectives from the new generation.

This workshop marked the fifth GCTF event held in Taiwan this year and the fourth marine-themed event organized by Japan since it became an official GCTF partner in 2019. Meanwhile, this is also the fifth time that NCDR participated in and planned the HA/DR series event under the Global Cooperation and Training Framework.

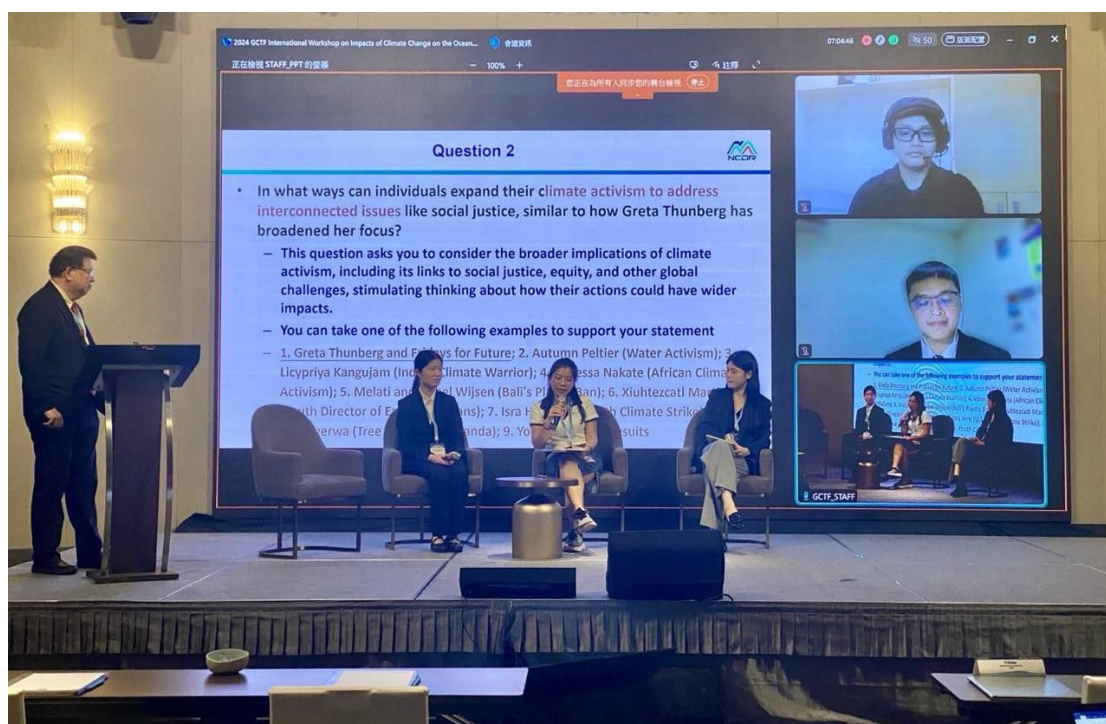


Figure 5 The Panel Discussion of Visions and Voices of Youth Addressing the Challenges of Ocean Climate Change

More Events of NCDR:

- <https://www.ncdr.nat.gov.tw/Message?itemid=76&mid=93>