



ADRC Highlights

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● Announcement

Fourth ADRC Online DRR Seminar: "GLOF Impact to the Local Economy and Measures"

Following the third ADRC Online DRR Seminar held on 14 September 2021, the fourth Seminar entitled "GLOF Impact to the Local Economy and Measures" will be held on Tuesday, 28 September 2021, 16:00-17:30 (JST, UTC+9) (Japan time, UTM+9). This fourth seminar will focus on the issue of glacial lake outburst floods (GLOF) in the Hindu Kush Himalayan region due to climate change.

Experts from the International Centre for Integrated Mountain Development (ICIMOD) will present information on GLOF, their impacts on the region, and risk reduction measures.

For details on the fourth seminar, please visit:

<https://acdr.adrc.asia/home/2021Seminar>

To participate, please register through Zoom (<http://bit.ly/adrcseminar4>).

We look forward to seeing you at the event!



Fifth ADRC Online DRR Seminar: "Promoting Disaster Mitigation Strategies for Urban Resilience"

Five experts from the UN-Habitat Regional Office for Asia and the Pacific (ROAP), along with government officials from the DHSUD Philippines and DDPM Thailand, will discuss new tools and approaches in promoting mitigation strategies for urban resilience on 18 October 2021.

Specifically, they will cover (1) the current state of promoting mitigation strategies in urban areas, including achievements, challenges, and possible solutions;

(2) recent strategies of mainstreaming DRR in urban development; and (3) new approaches of working together to achieve urban resilience.

To participate, please register at the DRR Seminar website:

<https://www.adrc.asia/acdr/drr2021seminar.php>



Fifth Seminar

18 October 2021, Monday
15:00 – 16:30
Japan Time, GMT+9

PROMOTING DISASTER MITIGATION STRATEGIES
FOR URBAN RESILIENCE

● Promoting Cooperation with Affiliated Institutions

Third Seminar Highlights Developing DRR Technologies that Meet Local Needs

On 14 September 2021, ADRC organized the third in its series of online DRR seminars entitled "Developing DRR Technologies that Meet Local Needs to Build a Safe, Secure, and Lively Society." The online seminar, attended by 116 people from all over the world, highlighted case studies of DRR investments made before disasters and other activities conducted in line with international standards.

At the outset, event moderator Dr. ONO Takahiro (Director, Mitsubishi Corporation Insurance) said that standardization is important to keep methods simple, avoid useless operations, and facilitate smooth communication. He invited experts/practitioners to share their knowledge of and experiences with the utilization of standardization for DRR. He also presented related case studies.

The first speaker, Mr. Sanjaya Bhatia (Head of Office, UNDRR-GETI) discussed how UNDRR-GETI is engaged in developing and utilizing ISO standards for the sustainable development of communities to make cities resilient (MCR). He specifically highlighted the following ISO standards: Indicators for City Services and Quality of Life (ISO 37120); Indicators for Smart Cities (ISO 37122); and Indicators for Resilient Cities (ISO 37123). These standards were developed to address the inconsistencies in city data across the world.

Next, Dr. David N. Nguyen (Associate Professor, Tohoku University and Researcher at NIED) reported on the progress of the work of the ISO Technical Committee. He said that their committee has identified and planned for smart community infrastructures that enhance DRR. He highlighted infrastructure elements from Australia, Chile, Colombia, Germany, Greece, Japan, and Turkey.



Speakers of the Third ADRC Online DRR Seminar

Next, Mr. HIRUMA Yoshiki (Vice President, Sustainability Management at the Development Bank Japan, DBJ) discussed the application of financial expertise to design a resilient future. He emphasized the value of pre-disaster mitigation in business continuity management (BCM), particularly among small and medium enterprises (SMEs). In promoting pre-disaster mitigation, DBJ developed a BCM rating that determines the bank's support to SMEs. The score points cover two main sectors: (1) disaster prevention measures to ensure human safety; and (2) policies, goals, strategies, and the effectiveness of enhancing business continuity management.

Next, Mr. K.A.D. Pradeep Kumara Kodippili (Deputy Director, Disaster Management Centre in Sri Lanka) gave a presentation on the disaster early warning systems in Sri Lanka. He noted that his office manages the early warning dissemination unit at the Disaster Management Centre (DMC) and described its current equipment and capabilities. Among these are the 77 early warning towers, High Frequency (HF) and Very High Frequency (VHF) communication, intra-government network (IGN), and disaster early warning network (DEWN) that sends text messages. Also, he cited one example of early warning cooperation with

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the CBDRM using a simple rain gauge to alert neighbors of landslides.

Finally, Dr. Udrekh (Director, Mapping and Evaluation of Disaster Risk, BNPB Indonesia) discussed various types of landslide early warning systems (LEWS) in Indonesia, and the efforts of the government to standardize landslide equipment (RSNI2) in order to issue useful warnings and direct people to act and respond when warnings are issued. In the process of developing the standards, the government team looked into the following key issues: maintenance of equipment, operational cost, community involvement, replacement of components, and basic repairs.

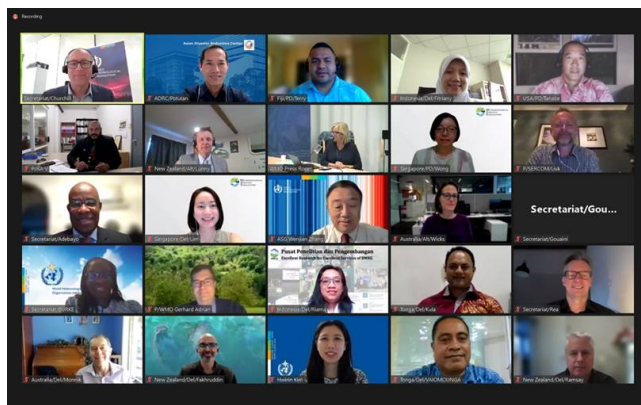
Finally, ADRC's Director Mr. Nakagawa, concluded the seminar, mentioning that the promotion of international standards in DRR will lead to the introduction of more effective DRR technologies, and also the new form of risk financing could contribute to further promoting investment in DRR.

For more information on this seminar series, please visit the following website:
<https://acdr.adrc.asia/home/2021Seminar>

● Participation in International Conferences**18th Session of WMO's Regional Association V (Southwest Pacific) Held 1-3 September 2021**

As an observer to the constituent bodies of the World Meteorological Organization (WMO), ADRC participated in the 18th Session of Regional Association V (Southwest Pacific), held on 1-3 September 2021. The key discussions at the session pertained to the working structure, strategic priorities, and flagship initiatives of Regional Association V in the context of the WMO's Comprehensive Regional Reform.

ADRC has been engaging in the activities of the regional association to further explore collaboration on new initiatives as well as to promote partnerships that could lead to closer regional cooperation.

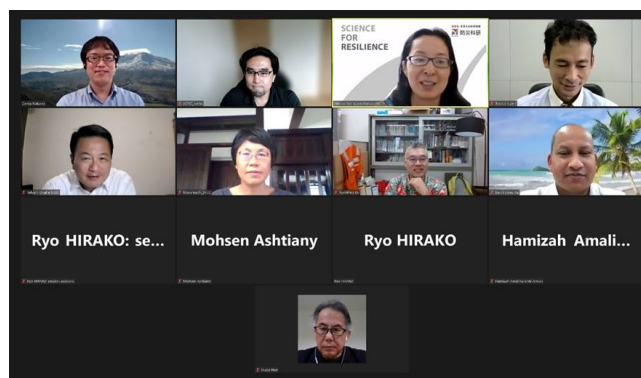


Day 1 of the 18th Session

5th Global Summit of GADRI: Engaging Sciences in Action

On 1 September 2021, ADRC participated in the 5th Global Summit of GADRI: Engaging Sciences in Action, which was organized by the Global Alliance of Disaster Research Institutes (GADRI) managed by Kyoto University. This conference was held in an online format, and research institutions and universities from around the world gave updates on their latest studies and ongoing projects.

ADRC participated in the Group 2 Panel Discussion Session and gave a presentation on the utilization of space technology for DRR and good practices involving Sentinel Asia. In this presentation, ADRC suggested strengthening the networks between disaster management organizations and space agencies, and expanding the networks of research institutions to support Sentinel Asia.



Group 2 Panel Discussion Session

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