
4-2. Seminars and Training Course

4-2-1. JICA Knowledge Co-Creation Program: “Comprehensive Disaster Risk Reduction for Central Asia and Caucasus”

ADRC conducted a Training Course, “the Knowledge Co-Creation Program for Disaster Management Officials from Central Asia and the Caucasus” from 27 June to 29 July 2016. This event was organised in cooperation with the Japan International Cooperation Agency (JICA) Kansai International Center. Central Asia and the Caucasus frequently experience disasters such as earthquakes and landslides, as well as flash floods and other floods caused by spring snow melts in the mountains. In addition, some of these natural disasters extend across several countries. Promoting regional cooperation on disaster risk reduction in these regions is therefore a significant challenge.



Fig. 4-2-1 Explanation about landslides of Chuetsu Earthquake.

This course aims to convey basic knowledge and experience related to natural disaster management in the participants’ countries. Participants were asked to identify a major problem in their own country and to formulate an action plan for addressing it.

The course was conducted in Russian for 14 central and local government officials representing six countries: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, and Uzbekistan in Central Asia, and Armenia in the Caucasus. Participants attended lectures and visited central and local government agencies, research institutes, private companies, a meteorological organization, and NGOs in order to comprehensively enhance their understanding of disaster management.

Following in the footsteps of last year’s participants, they visited the city of Hiroshima and learned about the importance of passing down lessons learned from major disasters to future generations. In addition, they learned about the experience and lessons from the 2014 Hiroshima landslide and visited the construction site of an erosion control dam being built as one of the structural countermeasures.

Further, during their Tohoku study tour, they learned about the complex disaster caused by Tsunami and Nuclear accident under the Great East Japan Earthquake. They learned about the disaster, evacuation, and reconstruction while visiting Kawauchi village in Fukushima prefecture.

During their Niigata study tour, they visited the area affected by the Chuetsu Earthquake and learned about earthquake recovery and the landslide and erosion control countermeasures being implemented. In addition, thanks to the cooperation of the Niigata prefectural government and the Snow and Ice Research Center of the National Research Institute for Earth Science and Disaster Prevention, they learned about countermeasures implemented by the Niigata prefectural government for heavy snow regions, and learned a great deal about snow and ice disasters.

It is hoped that the participants will make good use of the knowledge, tools, and methods they

learned during this training course to implement various projects and help strengthen the disaster management systems in their home countries. ADRC would like to express its sincerest gratitude to all the organizations that contributed to the success of this course.

4-2-2. JICA Knowledge Co-Creation Program: “Comprehensive Disaster Risk Management”

4-2-2-1. Comprehensive Disaster Risk Management (A)

From 10 January to 24 February 2017, ADRC, in collaboration with JICA, conducted the JICA Comprehensive Disaster Risk Reduction (A) course for 14 countries, namely Afghanistan, Argentina, Bhutan, Colombia, Indonesia, Liberia, Macedonia, Malaysia, Mongolia, Myanmar, Nepal, Pakistan, Sri Lanka, and Vietnam.

15 participants were mostly government officials in charge of DRR, including academic researchers, geographical engineers and rescue staffs. Those who have various backgrounds and expertise took part in the 7-week training course.

This course aimed to contribute to formulate and further develop disaster management activities and plans in participating countries by enhancing their understanding of Japanese disaster management systems and countermeasures of central/local government and multi-stakeholders.

The training provides a various contents, for instance, the lectures of Japanese disaster management policy, activities implemented by communities or private sectors, and case studies of past disasters in Japan. Therefore, participants comprehensively understood DRR efforts of Japan.

Furthermore, we introduced some practical workshops for DRR to make a community-based hazard map, and conducted observatory tours to the affected area of big earthquakes, volcanic eruptions and water induced disasters.



Fig. 4-2-2 Community-based hazard mapping

4-2-2-2. Comprehensive Disaster Risk Management (C)

Comprehensive Disaster Risk Management (C) course was conducted in collaboration with JICA, for 7 central and local government officials of Brazil in Portuguese language, from 2 October to 5 November 2016.

Natural disasters especially flood and land slide frequently occur in Brazil claiming human lives and huge economic loss.

This course shared the knowledge and



Fig. 4-2-3 Lecture at Hyogo Disaster Management Center

experiences in Japan including prompt actions against flood and landslide, at different levels: from central/local government to the community. Participants had a lot of lectures on current situations in Japan, especially on the good practice of the coordination between the Local Meteorological Office and the Prefectural Government for the effective early warning and evacuation.

They were strongly impressed with DRR efforts in Japan and learnt through exchange their perspectives among the participants. These implications were adapted into their action plan, and it is hoped that they will make good use of what they experienced during this course to develop and strengthen DRR capacity in their home country.

4-2-3. JICA Knowledge Co-Creation Program: “Raising Awareness of Disaster Reduction”

This program was conducted for 18 disaster reduction personnel from the following 17 countries, Armenia, Antigua and Barbuda, India, Egypt, Sri Lanka, Saint Kitts and Nevis, Saint Vincent and the Grenadines, Saint Lucia, Solomon Islands, Chile, Vanuatu, Vietnam, Honduras, Marshall Islands, Malaysia, Myanmar, Mongolia by English from 9 January to 11 February 2017.

Particularly, they joined to the opinion exchange meeting with the residents of Nobiru area affected by the Great East Japan Earthquake and tsunami in 2011 at Oku-Matsushima Hostel in Miyagi Prefecture. They were able to listen about serious experiences of evacuation and rescue by the tsunami at that time. Since most of participants were from archipelagos, this meeting became a good opportunity to re-recognize the fear of Tsunami. Further all of them highly appreciated this meeting because the efforts and ingenuities of residents in Nobiru district on group relocation for disaster prevention and substitute of residential land was one of the good examples of “Build Back Better” .



Fig. 4-2-4 Lecture in Higashimatsushima City Government

The participants were very interested in the efforts of disaster reduction in Japan and eagerly participated every lecture and observation and finally made presentation of action plan for own country. ADRC would like to express its sincerest gratitude to all the organizations that contributed to the success of this course.

4-2-4. Japan-Singapore Partnership Program for the 21st Century "Disaster Risk Reduction and Management"

ADRC conducted the Japan-Singapore Partnership Program for the 21st Century "Disaster Risk Reduction and Management" for disaster management officials in ASEAN countries from 27 November to 9 December 2016. This event was conducted in cooperation with the JICA and the Ministry of Foreign Affairs of Singapore.

The Japan-Singapore Partnership Programme for the 21st Century (JSPP21) was established in May 1997 to signify a widening of the scope of technical cooperation between Singapore and Japan with the intention of enhancing ASEAN integration and sharing the two countries' experience in their areas of expertise. Priority is placed on training and capacity building for officials who are in charge of disaster management. This year marked the first time for the training course to be held in Japan. The course was conducted for 16 central and local government officials representing seven countries: Cambodia, Fiji, Indonesia, Lao PDR, Myanmar, Philippines, and Vietnam.

Participants attended lectures and visited central and local government agencies, research institutes, and NGOs to comprehensively enhance their understanding of disaster management. For instance, staff members of the Singapore Civil Defence Force had a two-day lesson on disaster management in urban areas. This lesson focused on emergency response, firefighting activities, and training for capacity building. In addition, participants also visited Minami Sankiru town, one of the areas devastated by the Great East Japan Earthquake. There they learned about "Recovery in Industry" from the Tourist Agency of Minami-Sanriku Town.

It is hoped that the participants will make good use of the knowledge, tools, and methods they learned during this training course to implement various projects and help strengthen the disaster management systems in their home countries. ADRC would like to express its sincerest gratitude to all the organizations that contributed to the success of this course.



Fig. 4-2-5 Lecture by Singapore Civil Defence Force