

**Asian Conference on Disaster Reduction 2019**  
**25 - 27 November 2019**  
**Ankara, Republic of Turkey**



**Session 3: School DRR Education for Enhancing Capabilities  
to Cope with Unexpected Situation in Disasters**

**Background and Objectives:**

As described in the Sendai Framework for Disaster Risk Reduction (SFDRR), “Understanding Disaster Risk” is one of the areas to be prioritized in pursuing the achievement of the goal of the SFDRR. The importance of enhancing people’s understanding of disaster risk is commonly recognized among all the stakeholders and a lot of efforts for raising public awareness for DRR have been done. In the meanwhile, level of involvement in awareness raising events for general public is usually not so high and not covered entire people.

Further, children are one of the most vulnerable and affected populace from natural hazards. Unusual children casualty and frequent interruption of school education are due to damage to classrooms, destroy of educational materials and furniture, and access to school due to natural disasters such as earthquake, storm, flash flood and landslide. These aspects are threat to the safety of children and their ability to learn. The trauma and disturbance children go through during the disaster impedes their learning ability which constraint their possibility to reach to their full potential.

In this situation, DRR education in school is widely expected as a driving force to propelling people’s basic understanding of disaster risk and DRR as well as fostering culture of DRR. Not only delivering messages and information to the guardians and their belonging communities, children and youth are expected to become agents of change in future of the world. Therefore, promoting DRR education in school can significantly contribute to disaster resilience in societies. It has been felt necessary that sustainable disaster risk reduction education system shall be established in the schools through the incorporation of relevant contents of DRM in the education system.

However, currently school education has a lot of subjects to be incorporated in the school curricular in line with the rapidly changing societies, such as globalization, tremendous advance of information technology, and rapid urbanization. Under the circumstances, schools in many countries face difficulties to regularly provide DRR education as a core curriculum or as an individual subject of school. Further, they also have a definite shortage of teachers who can appropriately provide DRR education.

This session highlights country members’ experiences in improving School DRR education focusing on collaboration of various stakeholders, incorporation of DRR contents in the existing school curriculum, development of teacher’s training system, and others for discussing continued and sustainable school DRR education in Asia. Further, the session provides the venue to introduce methods and approach to enhance school DRR education and cultivate students with capability to respond to disasters even in the unexpected circumstances and to change the mindset for disaster preparedness in line with the changing frequency and severity of global disaster risks.



**Date and time:** 10:00-12:00, 26 November 2019 (Tue)



**Co-Chairs:**

- ✧ Mr. T. Badral, Chief, National Emergency Management Agency (NEMA), Mongolia
- ✧ Dr. Narayan Marasini, Director, School Earthquake Safety Program (SESP), NSET (National Society for Earthquake Technology-Nepal)



**Agenda:**

- 10:00-10:05 **Session Introduction** by Co-Chairs
- 10:05-10:20 **JICA's Contribution for Enhancing School DRR Education**  
*Mr. Yuichiro Takada, JICA Turkey Office*
- 10:20-10:35 **Innovative DRR Training Program for School Teachers in Turkey**  
*Dr. Tuba K. Gokmenoglu, Advisor to the Minister, Ministry of National Education, Turkey*
- 10:35-10:50 **Establishment of Life-Safety Education Guideline for Enhancement of School DRR Education in Mongolia**  
*Ms. Ariunaa Chadraabal, Head, Foreign Cooperation Division, National Emergency Management Agency (NEMA), Mongolia*
- 10:50-11:05 **UNICEF Project for Supporting Safe School Program in Kyrgyz Republic**  
*Mr. Rasulov Akyzbek, Head of the Fire Safety Faculty, Center for Preparation and Retraining of CD Specialists Under Ministry of Emergency Situations, Kyrgyz Republic*  
*Ms. Mariko Kato, Education Officer (Early Childhood Development), UNICEF Kyrgyzstan*
- 11:05-11:20 **School Disaster Safety Program in Nepal by NSET**  
*Dr. Narayan Marasini, Director, NSET, Nepal*
- 11:20-11:35 **Special Report: Learning from High School Students Summit on "World Tsunami Awareness Day" 2019 in Hokkaido**  
*Mr. Pusat Can Dinçer, Student, Çankırı TOBB Science High School, Turkey*
- 11:35-11:50 **Open Discussion**
- 11:50-12:00 **Session Summary** by Co-Chairs

*\*each presentation is for 15 minutes includes 3 minutes Q & A*



**Expected Outcomes:**

- ✓ Increased recognition of importance of school DRR education for making disaster resilience communities
- ✓ Understanding of Importance of close collaboration and coordination among disaster management sectors and education sectors for sustainable and effective school DRR education
- ✓ Awareness of need for due consideration of the school education situation with a lot of educational subjects when we incorporate DRR education regularly in school education
- ✓ Reaffirming the power of youth and need for enhancing DRR capabilities of youth for safety of future
- ✓ Exchange of knowledge, experiences and lesson learned among the participating countries on school DRR education

### Co-Chairs and Speakers of Session 3

#### Co-Chair



**Mr. BADRAL Tuvshin**  
Major General, Chief  
National Emergency  
Management Agency (NEMA)  
Mongolia

Mr. Badral Tuvshin has been serving as a Chief of the National Emergency Management Agency (NEMA) since 2015, previously served as Deputy Chief of the NEMA for 6 years.

Before his assignment, he worked as a Head of Foreign Relations Division, a Director of the Strategic Planning and Foreign Relations Department, a Desk Officer of Foreign Relations Division, as well as an assistant to the Chief of the NEMA since 2004. Before joining NEMA, he worked in a private sector.

His main responsibilities include implementation of the state disaster protection policy, legislation on disaster protection, and organization of nation-wide disaster protection activities which are provided with professional management.

#### Co-Chair/ Speaker



**Dr. Narayan Marasini**  
Director, School Earthquake  
Safety Program (SESP)  
NSET (National Society for  
Earthquake Technology)  
Nepal

Dr. Narayan Prasad Marasini is Geotechnical Engineer and has been working with NSET since Feb. 2006. Currently, he is leading School Earthquake Safety Program (SESP) under NSET as a Division Director. NSET has been implementing SESP in Nepal since 1997 with the main goal to ensure that school children in seismic regions go to earthquake-safe schools and that local communities build their capacities to cope with earthquake disasters. His responsibilities at NSET include development of strategy for Disaster Safe Schools, coordination with central levels government authorities, community mobilization, coordination with local authorities and development of partnerships with national and int'l partner organizations.

Marasini holds Doctoral Degree in Disaster Mitigation and Management with specialization on geodisaster from Graduate School of Science and Engineering, Ehime University, Japan. His expertise is in earthquake induced liquefaction and its remedial measures. He has published number of journal paper on theme of liquefaction potential analysis and mitigation measures. He has a rich work experience in Nepal, Iran, Pakistan and Japan. He has implemented several projects as the team leader and/or deputy team Leader. Currently, he is working as a Deputy Team Leader for a consortium leading by Crown Agents with NSET, Save the Children and Arup for Nepal Safer Schools Project (NSSP) with the financial support from DFID. NSSP is supporting 250 - 500 communities and public schools (up to 2,500 classrooms) through retrofitting and reconstruction and helping them become hubs for community resilience.

Dr. Marasini regularly publishes general articles on National News Papers (Kathmandu post, Kantipur & Nagarik daily) on related field.

#### Speaker



**Mr. Yuichiro Takada**  
JICA Turkey Office

Mr. Yuichiro TAKADA is a representative of Japan International Cooperation Agency (JICA) Turkey Office based on Ankara, Turkey. He started working in JICA in January 2018, and was appointed current position in July 2019. Before joining to JICA, he was an investment officer of Development Bank of Japan (DBJ) from April 2012. He has involved in corporate financing, project financing, and private equity project in DBJ. Currently he is in charge of technical cooperation project, especially in the field of Disaster Risk Reduction, and ODA loan project implemented by JICA in Turkey. He has been granted BA degree in Economics, School of Political Science and Economics, Waseda University in March 2012.

## Speaker



**Dr. Tuba K. Gokmenoglu**  
Advisor to the Minister  
Ministry of National Education  
Turkey

Dr. Tuba K. Gokmenoglu is currently an Advisor to the Minister of National Education in Turkey and in charge of coordination of the School-based Disaster Education project. Before joining the Ministry of National Education, she worked at two different faculties of education in Cyprus as an associate professor for the research of pre-service and in-service teacher education from 2012 to 2018. She was a Visiting Scholar of Arizona State University, U.S.A. for the projects on teacher's training from 2011 to 2012. She holds a PhD in Educational Science at the Middle East Technical University, Ankara, Turkey in 2012. She is a research fellow at the University of Glasgow working on the teacher motivation factors.

## Speaker



**Ms. Ariunaa Chadraabal**  
Colonel, Head, Foreign  
Cooperation Division  
National Emergency  
Management Agency (NEMA)  
Mongolia

Colonel Ariunaa Chadraabal is currently a Head of Foreign Cooperation Division of National Emergency Management Agency (NEMA) of Mongolia. She has been working for NEMA Mongolia since 2001. She has more than 17 years of experience in the field of disaster and emergency management particularly in disaster risk management, sustainable development policies, development of disaster management and disaster risk management policy, programme and projects, hazard awareness and risk reduction, training program design and lecturing, related areas of technical assistance, and foreign relations.

Ch.Ariunaa did her Master degree in Environmental Management and Development at the Australian National University, Canberra, Australia in 2013. She is pursuing her Ph.D. at the Nagoya University, Nagoya, Japan. Her research area is dzud, winter disaster in Mongolia.

## Speaker



**Mr. Rasulov Akylbek**  
Head of the Fire Safety Faculty  
Center for Preparation and  
Retraining of CD Specialists  
Ministry of Emergency  
Situations, Kyrgyz Republic

Mr. Akylbek Rasulov has been serving as a Head of the department of Fire Safety, Center for Preparation and Retraining of Civil Defence Specialists under the Ministry of Emergency since 2015.

Before his current assignment, he worked as an officer of Foreign Relations Department, faculty member of the Fire Safety and head of the State Fire Service Laboratory.

In 2013, he received his Master degree at the Academy of the State Fire Service under the Ministry of Emergency of the Russian Federation. At the moment, he undertakes the scientific and educational activities in ensuring public safety in the Ministry of Emergency of the Kyrgyz Republic.

## Speaker



**Ms. Mariko Kato**  
Education Officer (Early  
Childhood Development)  
UNICEF Kyrgyzstan

Ms. Mariko Kato is Education/Early Childhood Development Officer at UNICEF Kyrgyz Republic Country Office in Bishkek. In close partnership with the Ministry of Emergency Situations and the Ministry of Education and Science, she is managing Japan-funded Safe School Project since 2017. The project has been contributing to the promotion of disaster risk management knowledge and skills among children and teachers in the Kyrgyz Republic.

Before joining UNICEF, she was engaged in intercultural education and youth empowerment as Intercultural Programme Coordinator at Waseda University, a private university in Tokyo hosting over 5,000 international students from 100 countries.

She holds a Master's degree in International Relations specialized in International Education Development from Waseda University and is a certified nursery school teacher in Japan.