

Lecture on Disaster Risk Reduction for Ship for Southeast Asian Youth Program 2015

Disaster Resilience Education for Young People around the World – Let's think through Experiential Exercises-

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Third UN World Conference on Disaster Risk Reduction

◆ Introduction: Disaster Resilience Education is to learn about how to live with nature in order to protect life, livelihood, and our lives

The countries in Southeast Asia and Japan are the ones in which preparing against disasters including earthquakes and Tsunami, as well as water and wind damage, are critical.

In Japan, great damage was inflicted by a torrential rain in Kanto and Tohoku, which occurred in September 2015. The First World Conference in Disaster Risk Reduction (DRR) by UN was held in Yokohama in 1994, followed by the Second Conference ten years later in 2005, where the importance of DRR were strongly appealed. Yet, damage caused by the earthquake off the coast of Sumatra in 2004, and that of an earthquake off the coast of Tohoku (the Great East Japan Earthquake) in 2011 could not be prevented. The Third Conference took place in March 2015. Still, there was also great harm caused by the earthquake in Nepal in April 2015 and by the torrential rain in Kanto and Tohoku.

We mustn't only take advantage of the countless blessings and beautiful sceneries the nature provides us via the sea and volcanos, but also consider how we shall co-exist with nature. Disaster Resilience Education is education which teaches the knowledge and technology to protect our lives and livelihood from natural disaster, and at the same time, it is education to learn how to live with nature. Disaster Resilience Education is one of the challenges that young people must proactively tackle on, as the generations to bear the future.

Although the time we have today is limited, let us think together as to what is necessary for young people all over the world to get involved in Disaster Resilience Education through a lecture and experiential exercises.

◆ About the Association for the Promotion of Disaster Resilience Education

The Association for the Promotion of Disaster Resilience Education is a general incorporated association established in 2014, based on the Executive Committee for the “Disaster Management Education Challenge Plan,” a program to support Disaster Resilience Education initiated by the Cabinet Office (Disaster Management), government of Japan, in 2004. Its main fields of work include the following:

- Providing assistance for related programs and research / study, conducting research and study

related Disaster Resilience Education, promotion of Disaster Resilience Education in and outside of Japan

- Assisting the training for instructors of Disaster Resilience Education, developing and verifying educational materials and programs for Disaster Resilience Education

◆Introduction of Lecturer

Kenya Miyazaki (Disaster Resilience Education Consultant / Certified Social Worker)



1982 Born in Tokyo

2005 Graduated from Rissho University (Faculty of Social Welfare)

2005- Chief, Association of the Promotion of Disaster Prevention Volunteers
(Incumbent)

2011- Deputy Executive Director, The Great Japan ShakeOut (Incumbent)

2014- Executive Director, Association for the Promotion of Disaster Management
Education (Incumbent)

Deputy Director, Japan Committee for Disaster Resilience Education for
the Third UN World Conference on Disaster Risk Reduction (Incumbent)

I The Third UN World Conference on Disaster Risk Reduction and its Achievements

1. The Third UN World Conference on Disaster Risk Reduction and main achievements

- Build back better: Concept of Resilience
- People-centered preventive approach: Necessity of Disaster Resilience Education
- Inclusive disaster risk reduction: DRR beyond age, gender, disability, poverty, etc.

2. Implementation Handbook on Disaster Resilience Education at the Regional Level

- Handbook on “how one can implement” Disaster Resilience Education in communities (including schools) (Appendix 1)
- Creating a framework to continue Disaster Resilience Education

II Torrential Rain in Tohoku / Kanto and Hazard Map

1. Damage in Joso-City and Hazard Map (Appendix 2)

- It had been known that strong rain would cause inundation
- Building high banks and breakwaters would prevent all damage?

2. Necessity of People-Centered approach (Disaster Resilience Education)

- You can't take action without knowledge. Knowledge alone cannot enable action.
- What you can do then is what you have been doing.
- The Event of Kamaishi in the Great East Japan Earthquake

III Current Situation and the future of Disaster Resilience Education in Japan

1. Bosai (Disaster Prevention) Koshien” (Hyogo Prefecture and others)
 - A project to give awards to various examples of Disaster Resilience Education initiatives implemented from elementary school to college students
https://web.pref.hyogo.lg.jp/pa17/pa17_000000076.html
2. Bosai Exploration Team” (The General Insurance Association of Japan)
 - An Initiative to create disaster management maps mainly with elementary school students
<http://www.sonpo.or.jp/protection/bousai/index.html>
3. Disaster Management Education Challenge Plan
 - provided by experts to implement practices of Disaster Resilience Education from elementary schools to colleges, as well as in communities
<http://www.bosai-study.net/top.html>
4. The challenge is how to promote outstanding examples of Disaster Resilience Education practices and its teaching materials

IV Experiential Lesson (Meguro-maki & Bunny family’s Emergency Item selection)

1. Experience an exercise using “Meguro-maki”! (Appendix 3)
 - (1) Write down “Earthquake” on the top left corner of Meguro-maki.
 - (2) Put today’s date on “Date”
 - (3) Put “Autumn” for “Season,” “Rain” for “Weather,” and “15:00” for “Time”
 - (4) Write down your name on “Name”
 - (5) Write down all family members in “Position” and put a circle on your position (e.g. Father, Mother, Eldest Son, Second eldest Daughter)
 - (6) In the box next to “Occur,” write down “Earthquake.” Put “15:00” as the time of occurrence.
 - (7) Imagine that you are with your family. Write down what you would be doing and what you would be concerned about a minute after the occurrence of earthquake, 5 minutes after, up to 3 hours after the earthquake.
2. Experience an exercise using “Bunny Family’s Emergency Item Selection” (Appendix 4) (Appendix 5)
 - (1) You are the eldest son/daughter of the Bunny Family. There are Grandpa Bunny, Granma Bunny, Papa Bunny, Mama Bunny, You and a Baby Bunny (a girl).
 - (2) You provide your help preparing emergency items. However, you are so small, that only 10 items fit in the bag.

- (3) Taking consideration of the family members, prepare and make a list of 10 items that you should be carrying. *The Appendix is a teaching material for inside Japan. Think of 10 items appropriate for the culture and environment of your home country.

IV “The Great ShakeOut” (www.shakeout.org) –a drill joined by more than 40 million people around the world

1. A method for Disaster Resilience Education that is “easy, can be done anytime, and free” (Appendix 6)
 - Is a drill to be thorough with what one has to do first in case of an earthquake (disaster)
 - Everyone joins in the safety behavior of “Drop (get down first), Cover (protect your head) and Hold on (do not move)”
 - More than 4 million people join the drill inside Japan.

2. Spreading among youth through SNSs
 - The announcement of the drill and reports of the drill are spreading via Facebook and Twitter
 - Many elementary / middle schools and colleges take part in the drill

◆ Conclusion: Do not be afraid of failure, take action, and keep on taking challenges

We cannot prevent the occurrence and damage of disaster completely.

However, it is possible to minimize damage and to gain resilience for quick recovery.

The Fourth World Conference of Disaster Risk Reduction is planned in 2030; 15 years from now.

You are the ones who will create the world in which people say: “damage we suffer from disasters around the world has decreased in the last 15 years.”

Please do not be afraid of failure, take action, and keep on taking challenges. I’m looking forward to seeing all of you in 2030.