





Flood and Typhoon

Thailand,
October,
2011



Philippines, September, 2009



Eruption and Fire

Indonesia



Australia, Russia



Lesson Study for All Economies:
 We adopt the methods of lesson study to Emergency Preparation

Australia, Brunei, China, Chile, Hong Kong, Indonesia, Japan, Korea, Peru, Philippines, Papua New G., Russia, Malaysia, Mexico, Singapore, Chinese Taipei, Thailand, USA, Viet Nam
 (19 economies specialists)



Lesson Study
 2006: Good Practice (Pilot)
 2007: Mathematical Thinking
 2008-2009: Communication
 NSW, Au.

**Emergency Preparedness Education:
 Learning from Experience, Science of
 Disasters, and Preparing for the Future**

*Save the Children from
 Disaster*

*How can we
 prepare?*

APEC HRD 04/2011a
First year for the three years project
**Proposed Economy:
 Thailand and Japan**

*Let's Develop
 Scientific
 Knowledge*



The project aims to develop the teaching program against disasters such as Tsunami and Earthquake (2012), Typhoon and Flood (2013), Fire and Volcanic Eruption (2014):

- a) Saving the school children from disasters: For the school management, the project summarizes the successful and un-successful cases to save our children during disasters with the use of visual materials and share the essential strategies of evacuations in the disasters.
- b) Sharing scientific materials which should be taught in schools: To prepare teaching programs, the project develops the teaching materials using data which is necessary to scientifically understand the mechanism and influence of disasters.



Procedure of the Project 2012

Learning from Experience and plan the lesson study
February, 14-18 2012
Japan as a host

1

Each economy challenged to engaging in Lesson Study using innovative assessments problems: Developing textbooks for KB.

2

Each Economy

Upload the Textbooks and encourage to use it through LS

4

Each Economy

Each economy produce the textbooks
Tentative: September 9-11, 2012

3

Thailand as a host



A Story which may appear in the Textbook Parting with mother

I told "Thank you" several times and swam desperately

"Dearest mother, interesting, tender grandmother. Everyone has gone."The Sendaiikuei High School first grade Saori Endo (sobriquet) visited Europe for the donation activity of "the Ashinaga scholarship association" which supported the child who lost a parent by disasters. She told about hard and sad parting with her mother (35) in Paris.

"After finishing the graduation ceremony at my junior high school, I was at my house in Ishinomaki, in Miyagi prefecture, and that's when we felt the huge earthquake. The earthquake was intense but our house was 4 kilometers away from the Kitakamigawa river. I was telling to my mother, my grandmother and my great grandparents that, "The tsunami won't come this far."Soon after that, an abnormal backward flow of river water drifted out to the house. I was thrown in to black water that smelled like gasoline. My body was stuck between hard objects and there was no way out. "I'm gonna die," I thought. But before I knew it, I had drifted with a heap of rubble and ended up on top of a storage building at the nearby Okawa elementary school. "Sayo," I heard a very familiar but weak voice. I looked into the crevice between the debris. I saw a long black hair that could even reach all the way down her back. It was my mother. She was stuck in a heap of rubble, and her leg was twisted in a disturbing position. I tried hard to help her out, but all I couldn't move the debris. I was also severely injured. Some nails were stubbed into my legs and they were ripped and torn, and my back was cut and injured. The heap was surrounded by dirty water and it was freezing cold. I didn't know when the Tsunami would hit us again. I told myself, "If I stay here any longer, I might die." I said "goodbye," and "I love you," a million times to my mother, and jumped into the water. I swam for 100 meters and reached the rooftop of an elementary school. I spent the night there, and I was rescued the day after. A few days later, My mother's body was found."

She lost grand-grandmother and a grandmother. And she left her grandfather (60) who working at Ishimaki city office and now live alone in Sendai. On a street of Tokyo, New York, and, in Paris, an international conference of China she told about parting with her mother. It is from one thought that she does not want you to forget this disaster. "If my family lives, I may hate to talk such a story," she said without giving her name. (Yomiuri Newspaper: December 25th, 2011, p.35 by Asako



How fast Tsunami is?





Based on the collaboration, we must save our children from disaster
though sharing experience and scientific knowledge.

