



MEXT MINISTRY OF EDUCATION,
CULTURE, SPORTS,
SCIENCE AND TECHNOLOGY-JAPAN

SEAMEO-Japan ESD Award

Theme for 2012: Education for Disaster Risk Reduction

Supporting Partners:



Bangkok Office
Asia and Pacific Regional
Bureau for Education



Bank of Tokyo-Mitsubishi UFJ

Submission of SEAMEO-Japan ESD Award

PART I: Details of Your School

1. Name of your school: SMA Pertiwi 1 Padang
2. Full address: Jl. Cendrawasih No. 7 Air Tawar Barat Padang, 25132
Sumatera Barat, Indonesia
3. Postcode: 25132
4. Country: Indonesia
5. Telephone number (country code+city code+telephone number): 0751-7054517
6. Fax number (country code+city code+fax number): -
7. Name of the Head Master/ Principal/ School Director: Dra. Rahmaniar, M.Kom
8. Name of Teacher Coordinator: Yudi Aningskar Widayanto, S.Pd
9. Email address: smapertiwisatupadang@yahoo.com
10. School website (if available): -
11. Educational level (Such as Kindergarten 1 to Grade/Year 9): Senior High School
12. Number of teachers in your school: 63 teachers
13. Number of students in your school: 841 students
14. Please provide the name of teachers and students who were/have been involved in the planning and implementation of this school activity/programme on Education for Disaster Risk Reduction.

Teachers:

- | | |
|----------------------------------|-------------------------|
| a) Dra. Rahmaniar, M.Kom | h) Dadang Sabputra, SPd |
| b) Sri Astuti, M.Si | i) Fitriyani, SPd |
| c) Dra. Petmawati | j) Nurlina, SPd |
| d) Syafril Caniago, S.Ag | k) Widya Aziz SPd, Msi |
| e) Yudi Aningskar Widayanto, SPd | l) Dra. Erna |
| f) Yusmiaty | m) Arizona |
| g) Ade Erfina, SPd | n) Endrizul |

Students:

Batch I

Males:

- a) Novembriandi
- b) Agus Sigit Wisnubroto
- c) Alfiando
- d) Ridho Almasi
- e) Despindo
- f) Gilang Arya Liza
- g) Andri Lacosty
- h) Randy Syafrima
- i) Hendri Helfian Rafel
- j) Herru Juliantoro

Females :

- a) Reski Flowerin A
- b) Ririn Rahayu Nazwir
- c) Resti Gundini
- d) Vynda Dwi Putri
- e) Dilla Sartika
- f) Thesa Octadevinta Sari
- g) Siska Febriyanty

Batch II

Males:

- a) Ilham Aldino
- b) Fauzan Aulia Pranata
- c) Aris Yubahri
- d) Iman Saputra
- e) Jefriadi
- f) Oka Zeng Ofanda
- g) Yudha Pratama Putra
- h) Rahmad
- i) Welly Handa Nugraha
- j) Puja Lugat Dewantara
- k) Bambang Prakoso

Females :

- a) Qurrati' Ayunin
- b) Cindy Lovindry
- c) Novi Elva Rosa Aysah
- d) Amelia Adrianti
- e) Ayu Ramadani
- f) Vebi Anisa Ramadhani
- g) Rohma Audia
- h) Syeha Syhira
- i) Ghea Radyssa Aulia
- j) Marnis Putri Manik
- k) Orina Dilla Akmal
- l) Mustika Ananda
- m) Santri Febriyeni
- n) Nurul Elisa

Batch III

Males:

- a) Ardi Pranata
- b) M. Arif
- c) Devri Ardhi
- d) Beriyandoni
- e) Kiki Saputra
- f) Putra Aditya Pratama
- g) Dedet Septiawan
- h) Zekhi Tarso
- i) Farid Triaroda
- j) Bambang Aditio

Females :

- a) Fanny Rahayu
- b) Sepini Antika
- c) Yuliyana Susputri
- d) Yeli Rahmawati
- e) Ultari Ulan Dari
- f) Ayu Netri
- g) Dwi Ramadhan Ningsih
- h) Tria Dita Putri
- i) Suci Sukma Neja
- j) Mursyida Hayati
- k) Dwi Gita Amorinda

PART II: Information about the School's Activity/Programme on Education for Disaster Risk Reduction

1. Title of the school's activity/programme on Education for Disaster Risk Reduction

Kelompok Siaga Bencana Sekolah (KSBS) SMA Pertiwi 1 Padang
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2. Summary of the activity/programme

Disaster Preparedness Programme at SMA Pertiwi 1 that started in 2008 was facilitated by Tsunami Alert Community Foundation (KOGAMI) which supported by UNESCO and ISDR. The goal is to increase the school capacity in disaster preparedness and to perform a trial for the implementation of curriculum with local content in disaster preparedness.

The school capacity building in disaster preparedness was carried out through several activities such as:

1. Preparation and preliminary assessment.
2. Teacher capacity building.
3. Student capacity building.
4. Formatting the School Disaster Alert Group (Kelompok Siaga Bencana Sekolah) (KSBS)
5. Designing the School Disaster Preparedness System
6. Evacuation Drill
7. Final Assessment

The implementation of disaster preparedness curriculum was conducted within activities, for instance :

1. The design of Local content curriculum in disaster preparedness draft
2. The formation of Study Subject Teacher Council in disaster preparedness
3. Public socialization and consultation of local content curriculum in disaster preparedness
4. The implementation of local content curriculum in disaster preparedness
5. Evaluation

After the program accomplished, the school abides the preparedness activity through some policies which support the disaster risk reduction attempt, for example :

- To make KSBS as one of extracurricular activities.
The KSBS continues to build the capacity of its members by conducting routine training on preparedness and emergency quick response with relevant institution/organization. Besides that, the commitment in regeneration process has led the KSBS to exist until now.
- To implement the local content curriculum in disaster preparedness
The local content curriculum in disaster preparedness has been implemented since 2008 until present. Today, the local content curriculum in disaster preparedness has been included in District Regulation (Peraturan Daerah (Perda)) No 5 year 2011 about education execution in Padang City.
- Together with schools and other organizations carry out routine advocacy activities to the government to implement the curriculum shortly, with the intention that if the disaster happens then the effect can be minimize.
- To perform routine evacuation drill
- To be involve actively in many disaster emergency quick response, especially in Padang City and generally in West Sumatra.
- To be involve in recording and in delivering the aids for the survivor.
- To be involve in trauma healing in disaster area.

Currently, the SMA Pertiwi 1 Padang has become the reference for other schools in West Sumatra Province and Indonesia as the presentation of disaster-prepared school.

3. Background information or reasons why the school initiated this activity/programme

Since 2005, West Sumatra, especially Padang City has become the center of attention for its high susceptibility on tsunami disaster threat because of possible energy release in subduction zone. 8,9 SR earthquake was predicted to trigger the tsunami with 10 m height above sea level. (Kerry

Sieh dan Danny Hilman, 2011). For having a high density of population in the coastal area has putted Padang City as the city with the highest risk of tsunami hazard in the world. (National Geographic, 2005).

Some experiences on earthquake strike with tsunami warning have led the school community to panic situation for not knowing what to do. The situation even brought victim from the student who jumped off the second floor to rescue himself when the quake stroke.

Based on the information and previous experiences, the school accepted the programme that offer by Tsunami Alert Community Foundation (Yayasan Komunitas Siaga Tsunami) (KOGAMI) which supported by Unesco and ISDR, to make SMA Pertiwi 1 as a pilot school for disaster preparedness in Padang City. Since 2008, the school has persistently improved the preparedness throughout the school. Namely, the arrangement of disaster management system like standard procedure for school disaster management, the formation of School Disaster Alert Group (kelompok siaga bencana sekolah (KSBS), the implementation of local content curriculum in disaster preparedness, and evacuation drills which performed routinely and constantly.

Within those activities, throughout the school already aware of the danger potential in school area. They also discern how to rescue themselves when the disaster hit without panic and know the evacuation route if the evacuation must be made. Next, the hope is for whole components of SMA Pertiwi 1 Padang can spread the disaster alertness, so that many lives can be saved when the disaster hit again.

4. Objectives/goals of the activity/programme

- a. To extend the humanity value and act.
- b. To develop the understanding about disaster risks, social and physical vulnerability, also the susceptibility of action and motivation.
- c. To enhance the knowledge and skills to prevent and to decrease the disaster risk, to strengthen the responsible human and environment resource management, and, to improve the adaptation to disaster risks.

5. Period of time when this activity/programme was/has been implemented

Periode I : Year 2008-2009
Periode II : Year 2009-2010
Periode III : Year 2010-2011
Periode IV : Year 2011-2012

6. Activities (Short-term actions and strategies of implementation of the short-term actions)

- a. A capacity building of KSBS and other school components in disaster ...
- b. A routine training with well-trained and experienced instructor
- c. An Intermittent Evacuation Drill
- d. An implementation of disaster preparedness into local content curriculum
- e. A collaboration of KSBS with the disaster-concerned scout in many risk reduction activity

7. Resources used for implementing the activity/programme

- a. Tsunami Alert Community; *Komunitas Siaga Tsunami (KOGAMI)*
- b. Disaster-Prepared Brigade; *Taruna Siaga Bencana (TAGANA)*
- c. National Agency for Search and Rescue; *Badan Search and Rescue Nasional (BASARNAS)*
- d. Social Department; *Dinas Sosial*
- e. Fire-fighter Department; *Dinas Pemadam Kebakaran*
- f. Radio Antar Penduduk Indonesia (RAPI)

8. Monitoring and evaluation mechanism and results

To maintain the endurance and the benefits of these preparedness activities, relevant institution/organization in disaster preparedness in Padang City will carry out a routine evaluation of the implementation.

The monitoring dan evaluation will be made in:

- Direct visit to the school to see the preparedness activity
- Interview with school groups and community around the school.
- Focused Group Discussion with KSBS and school party

Besides that, the visit and comparative study which held by both national and international institutions/organization has improved the school preparedness effort, as school prime programme. Institutions/organization that visited SMA Pertiwi 1 Padang, namely:

1. UNESCO
2. Mercy Malaysia
3. Indonesian Institute of Science; *Lembaga Ilmu Pengetahuan Indonesia (LIPI)*
4. Journalists from Japan, National Geographic, Al Jazeera TV dan ARTE TV-Jerman
5. UNDP and School Headmasters from Aceh
6. Tokyo University and WASEND University from Japan
7. etc

9. List of partners, local government bodies, companies or development agencies who participated in the planning and implementation, including their roles in the activity/programme.

Name of Partners	Roles or contributions
a) Komunitas Siaga Tsunami (KOGAMI)	Capacity building in preparedness such as training, education and socialization, direct involvement to the community
b) National Agency for Search and Rescue	Training on Search and Rescue
c) Disaster Prepared Brigade of West Sumatra	Training on water rescue, logistic and tents
d) Fire-fighter department of Padang City	Training on fire fighting
e) Indonesian Red Cross (IRC)	Training on Medical Emergency First Respond
f) Radio Antar Penduduk Indonesia (RAPI)	Training on communication device, for instance handy talky
g) Social Department of West Sumatra	The aids for logistic and training equipment (rubber vessel and mass kitchen)
h) National Agency for Disaster Management of West Sumatra	The involvement in evacuation drills and other disaster emergency quick responses

10. Benefits/impacts of the activity/programme to teachers, students and the community

a. The school disaster preparedness improved
b. The panic situation during disaster reduced significantly
c. The learning process ran well. When the quake hit, the learning process continued if the evacuation, based on the standard procedure, was not required. Meanwhile, other schools that has no standard procedure for disaster will take the school activities off.
d. The parents were confident for the safety of their offspring in SMA Pertiwi 1 Padang. The fact is many school along the coast faced the recruitment reduction both state school and private school, while SMA Pertiwi 1 must provide the additional classes from 8 to 10 classes because the interest increased highly.
e. The community around the school made the school as the parameter to perform evacuation. If during the disaster the school continued the learning process and stayed calm, then the community will do the same. And vice versa, if the school took the evacuation process, then the community will respond in the same way.
f. The KSBS, disaster-concern scout and teenage-red cross were actively involved by other institutions/organizations work on disaster-management in many disaster-related activities, before, after even during the disaster.
g. KSBS SMA Pertiwi 1 Padang became the reference and school-prepared disaster laboratory

for West Sumatra Province and Indonesia. It has been shown from the visit from both domestic and foreign country that interested to observe the school preparedness themselves.

11. Plan for sustainability and plan for the future

Plan for sustainability:

- a. To fix and to improve the school disaster management system based on recent information and data to maintain update.
- b. To socialize the existing system routinely throughout the school, in order to ensure either the headmaster replacement or other changes will not affect the system.
- c. To conduct KSBS regeneration each year.
- d. To implement disaster preparedness into local content curriculum

Plan for the future:

- a. To achieve the utilization of all school components in disaster risk reduction effort and to build the safe and strong culture toward disaster threat. Recently, KSBS, teenage-red cross and disaster-concerned scout have become first line guard for school disaster management.
- b. To be a well-prepared school toward upcoming disaster.
- c. To perform a united-training with all KSBS in West Sumatra Province, in order to pass on the disaster-preparedness culture.

12. List of attachments such as a copy of learning/ teaching materials, samples of student worksheet, manual, etc.

- | | |
|----------------|---|
| Attachment 1) | National Law Number 24 Year 2007 on Disaster Management |
| Attachment 2) | The Letter of Minister of Education number 70A/MPN/SE 2010 on Mainstreaming Disaster Risk Reduction in School
This letter ordered all governor, regent/mayor to apply Disaster Preparedness Curriculum at school in form integrated, local content, or self development. |
| Attachment 3) | Local Regulation of Padang City Number 3 Year 2008 on Disaster Regulation |
| Attachment 4) | Modules of Training on Integrating Disaster Risk Reduction (DRR) into Education, system, curriculum center of National Education Ministry |
| Attachment 5) | Teaching Modules of Integrating Risk Reduction of Earthquake, Curriculum Center of National Education Ministry |
| Attachment 6) | Teaching Modules of Integrating Risk Reduction of Tsunami, Curriculum Center of National Education Ministry |
| Attachment 7) | Teaching Modules of Integrating Risk Reduction of Fire, Curriculum Center of National Education Ministry |
| Attachment 8) | Teaching Modules of Integrating Risk Reduction of Flood, Curriculum Center of National Education Ministry |
| Attachment 9) | Local Content Curriculum of Disaster Preparedness |
| Attachment 10) | Tsunami Evacuation Map of Padang City |

13. Photos related to the activity/ program

Photo1



School Disaster Preparedness Team / Kelompok Siaga Bencana Sekolah (KSBS)
SMA Pertiwi 1 Padang

Photo 2



Skills training for KSBS members of SMA Pertiwi 1 Padang

Photo 3



Fire fighting training with Fire-fighter Department of Padang City

Photo 4



Search and Rescue training with National Search and Rescue Body / BASARNAS

Photo 5



Water rescue training at Banda Bakali GOR H. Agus Salim

Photo 6



. Al Jazeera TV journalist when shooting the evacuation drill

Photo 7



Evacuation drill from school to TVRI Sumbar

Photo 8



Campaign and peace action of Local Content curriculum for disaster-preparedness

Photo 9



KSBS campaign that Disaster Preparedness Local Content Curriculum applied immediately in Padang City

Photo 10



KSBS SMA Pertiwi 1 and KOGAMI distribute assistance to flood's victim

Photo 10



Local Content Curriculum and Teaching Materials used in SMA Pertiwi 1