

SeKarang

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Awareness Materials

Comics, guide books



PANDUAN PENDIDIKAN PASCA BENCANA BAGT ANAK ANAK PESTATA



ADARI BENCANA AL

STREAM ADDITION.

Region Ranet Sumature odoluti deersh newori pempe Jumi, bencane tersetiut sebenarnya suota pejala alam Jiasa yang talak dapat dicepoli. Pengalaman mengejarkan bahwa bencarat atam selatu menelo linter, Jertoniomyr ielarwy oldub, nengulat klu nengurergi Contrast Auftern 7. Annhammari adolar _____*AITA AAADV #AAADV

🥭 Langkah Persiapan Tanggap Bencana Alam

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🗤 🕉 Sapkat Pakaian dan Perlengkapan Tida Pakalan yang cepet tering, untuk pribadi dan seluruh enggets keluarga sermonuk pakatan dalam. Separar using putting reporter algoridal (seboliknya separat Action and Among Solar parrows, bentar may series dar jarger kalt kels serena

Periodosiani avindi 5. Sapkan Perlengkapan Pribad

> Utomaker obst-obstar pribad a fertimationer important

Billboards



SEKARANG ! KITA SIAGA HADAPI BENCANA

Segera keluar menulu lapangan terbuka sepert

ka berada di lantai dua atau lebih, berlindung di bawah meja kokoh dan berpegangan di ka

Jika berada di pasar yang dekat pantai menuju ke tempat yang lebih tinggi dar kembali sebelum kondisi aman



Mari Bersahabat Dengan Alam



KARANG ! KITA SIAGA HADAPI BENCANA

DISECOLAH (MADA SAAT GENER)

tam Takambang

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4. Sapkan Perlengkapan Sanitai > DAVID ON + Sidue colet attau bene Easting sample





At school

Post Disaster Education (Aceh, Pangandaran, Jogjakarta, Klaten)

Training for students, school teacher, community and government authorities



Simulasi Gempa dan Tsunamai bersama PMI dan Siswa SMP

Tsunami prone coastal plain in West Sumatra (red tinted)

Padang-

© Jan Sopaheluwakan, 2007 Keys to effective Early Warning System: Community based response to all hazards

Warning System Design

- ✓ Feed back if not, why?
- ✓ IScientist public interaction

Response system should:

- ✓ Robust-effective, Rapid
- ✓ Well organised
- ✓ Customised to local conditions

Community issues:

- ✓ Major impacts
- ✓ Specific issues (women, children, poverty)
- ✓ Every community is unique
- ✓ The community is the first to react
- Empowerment, tolerance to risks

Warning Center: Science, Technology, Prediction

Emergency Center: Public safety guidance, life saving, minimum damage 31

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© Jan Risk Map of Padang

* Kedalaman 1 30 km

* Keterangan : 125 km benat daya Kota Padang

HALL

BERITA GEMPABUMI

(SIMULASI)

; 26 Desember 2005 ; jam 09, 16 WIB

20 Lintang Selatan, 100 Bujur Timur

Sign boards, billboards, evacuation map

Pelibatan & partisipasi masyarakat

Dalam pembuatan peta evakuasi June 14th, 2007

© Jan Sopaheluwakan, 2007 **National Framework on Assessing and Recognizing Community Preparedness in Natural Disaster**

ID RECOGNIZING COMMUNITY PREPAREDNESS

Kajian Kesiapsiagaan Masyarakat **Dalam Mengantisipasi Bencana** Gempa Bumi & Tsunami

NATIONAL ASSESSMENT FRAMEWORK ON COMMUN PREPARDNESS

LIPI - UNESCO

- 1. Knowledge and Attitude
- 2. Policy Statement
- 3. Emergency Planning
- 4. Warning System
- 5. Resource Mobilization Capacity

Worl

Community Preparedness Index of Padang City

Priority Areas for Community Preparedness in the Indonesian Archipelago

© Jan Sopaheluwakan, 2007 Components of Integrated Research, Public Education and Community Preparedness Activities in 2007 and onward

Locations	Research				Public	
	Vulnerability Assessment	Seismic and earth movement risk assessment	Paleotsunami	Social profiling & Community Preparedness assessment	Education	Community Preparedness
Padang						
Padang Pariaman						
Bengkulu						
Lampung / Banten						
Cilacap						
Bali						
Maumere						

Current integrated geoscience, human and social sciences supported project activities in public education and community preparedness in Indonesia

World's climate engines in the **Indonesian Region**

ONSOON UN-AGS

MONSOON DEC-FEB

3-4 years

ENSO Cyclicity

5-7 years **Tendency 4 years**

[©] Jar Strate Thean, 2007 SST anomaly during 1997 El Nino year

LIP

SST in Indian Ocean and diagram showing the end of climatic Indian Ocean Dipole anomaly

Gambar 4 Kondisi perairan Samudra Hindia saat terjadi coupling antara Indian Ocean Dipole dengan El Nino 199

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The peatland – palm oil-biodiesel-biofuel connection?

© Jan Sopaheluwakan, 2007 Impact of global warming on sea level

Possible average sea level rise (low – high emission GHG scenarios, 2080)

Estimated Lost of land	of total land area of the above map
Maximum	5.71 %
Best guess	0.75 %

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Global temperature

Average Sea level rise

Recommendation to SCA

- Most globally and regionally potentially impacted (rapid onset and slow/onset creeping) disasters can have their origin in Indonesia. Global and regional cooperation is needed to address this issue
- Indonesia is ready, willing and able to share and exchange of expertise, experiences, and resources to the success of achieving the aims of construction of safe and secure society in Asia
- SCA can play a significant role in facilitating the mutually benefiting cooperation within the Asia region and beyond
- Poverty, ignorance, and negligence may increase vulnerability, particularly in developing countries. Human security approach must be prioritized
- Disaster risk reduction measures must be must be internalized in the development policy and in equitable regional and global relation June 14th, 2007

Thank you