

Joint Meeting Agenda of

International Symposium on Earthquake and Precursor “On The Possibility of Establishing For Earthquake Precursors Monitoring System”

JISNET Workshop

and

Task Force Meeting on Establishment of Monitoring Network of Tsunami Early Warning Systems in South East Asia.

Bukittinggi, West Sumatra, Indonesia, November 16th – 20th 2009

Tentative Agenda

Sunday, November 15th 2009: Arrival of Participants and Lectures in Bukittinggi

Time	Agenda	
	<i>Arrival of Participants and Lectures in Bukittinggi</i>	
19.00 – 19.20	Welcoming Speech	Dr. Andi Eka Sakya, M. Eng (General Secretary of BMG)
19.20 – 21.00	<i>Ice Breaker and Dinner</i>	

Day 1, Monday November 16th 2007: Opening and Symposium

Time	Agenda	Speaker
07.00 - 08.00	<i>Breakfast</i>	
Session 1: Opening Ceremony		
08.30 - 09.00	<i>Registration</i>	
09.00 - 09.15	Objectives of the Workshop	Drs. I Putu Pudja, MM (Director of Research and Development Center, BMKG)
09.15 – 09.30	Opening Speech	Dr. Ir. Sri Woro B. Harijono, M.Sc (Director General of BMKG)
09.30 – 10.00	<i>Coffee Break</i>	
Session 2: General Topics		Moderator: Prof. Sri Widiyantoro, Ph. D
10.00 – 10.20	On The Possibility of Earthquake Prediction in Indonesia	Dr. PJ Prih Harjadi (Deputy Director General for Geophysics, BMKG)
10.20 – 10.40	Understanding the Development of Earthquake Forecasting/ Prediction and Natural Phenomenon before Earthquake	Prof. Ir. Widodo Pawirodikromo, MSCE, Ph.D (Professor of Civil Engineering Dept. of Civil Engineering, Faculty of Civil Engineering and Planning, Islamic University of Indonesia, UII)
10.40 – 11.00	ULF Anomaly Associated with Great Earthquakes observed by Coordinated Magnetometer Network	Prof. Dr. Kiyohumi Yumoto (Director Space Environment Research Center Kyushu University, Japan)
11.00 – 11.45	Discussion	
11.45 – 12.45	<i>Lunch+Praying</i>	
Session 3: Earthquake Seismicity		Moderator:

		Dr. Masturyono
12.45 – 13.05	The Evidence For Deep Mantle Circulation From Global Tomography	Prof. Sri Widiyantoro, Ph. D (Professor of Seismology Geophysics Group, FTTM-ITB)
13.05 – 13.25	Earth's Crust Structures Under Earthquake Observations Station Based On Receiver Function Inversion	Dr. Wiwit Suryanto (Geophysics Program Study, FMNS, UGM)
13.25 – 13.45	Determination of The Big Earthquake Return Period With Seismicity Data	Drs. Jaya Murjaya, M.Si (Head of Earthquake and Tsunami Early Information, BMKG)
13.45 – 14.30	Scientific Report Session I : Recent Earthquake's Precursor Monitoring Research	ASEAN Participant (Indonesia, Malaysia, Thailand, Vietnam, Laos, Singapore, Brunei Darussalam, Philippines, Myanmar, Cambodia)
14.30 – 15.15	Discussion	
15.15 – 15.30	<i>Coffee Break</i>	
Session 4: Tsunami and Geophysical Network		Moderator: Dr. Wiwit Suryanto
15.30 – 15.50	Tsunamigenic Earthquake	Dr. Nanang T. Puspito (Associate Professor Geophysics, Faculty of Mining and Petroleum Engineering/FTTM – ITB)
15.50 – 16.10	Early warning system for earthquake and tsunami risk reduction	Dr. Fauzi (Director of Earthquake and Tsunami Center, BMKG)
16.10 – 16.30	Indonesian Geophysical Observation Network	Dr. Masturyono (Director of Instrumentation, Engineering and Calibration Center, BMKG)
16.30 – 17.15	Scientific Report Session II : Recent Earthquake's Precursor Monitoring Research	ASEAN Participant (Indonesia, Malaysia, Thailand, Vietnam, Laos, Singapore, Brunei Darussalam, Philippines, Myanmar, Cambodia)
17.15 – 18.00	Discussion	
19.00 - 20.00	<i>Dinner</i>	

Day 2, Tuesday, November 17th 2009: Symposium

Time	Agenda	Speaker
07.00 - 07.30	<i>Breakfast</i>	
08.00 – 08.30	<i>Registration</i>	
Session 5: Seismo-Electromagnetic Precursor		Moderator: Dr. Nanang T. Puspito
08.30 – 08.50	ULF Electromagnetic Signatures from the Underground	Prof. Dr. Katsumi Hattori (Associate Professor of Geophysics Department of Earth Science, Chiba University, Japan)
08.50 – 09.10	ULF Geomagnetic Anomaly Related With The Sumatra Earthquakes	Dr. Sarmoko Saroso (Research Coordinator Space Science Application Center, LAPAN)
09.10 – 09.30	ATROPATENA: A Breakthrough To Predict The Earthquake	Dr. Wahyudi (Head of Geophysics Program Study, FMNS, UGM)
09.30 – 10.15	Discussion	
10.15 – 10.30	<i>Coffee Break</i>	
Session 5: Seismo-Electromagnetic Precursor		Moderator: Drs. Jaya Murjaya M,Si

		(Head of Earthquake and Tsunami Early Information, BMKG)
10.30 – 10.50	Ionosphere Total Electron Content (TEC) Modelling Approach Near Real Time From GPSTEC Observations	Dr. Buldan Muslim (Ionosphere and Telecommunication Division, Space Science Application Center, LAPAN)
10.50 – 11.10	CGPS data analysis for mid-term earthquake prediction in Indonesia	Dr. Irwan Meilano (Lecturer and researcher at Geodesy Research Group-ITB)
11.10 – 11.30	Wavelet Technique Application on Predictability of Earthquake Activity	Supriyanto Rohadi, M.Si (Regional center II Ciputat, BMKG)
11.30 – 12.15	Discussion	
12.15 – 13.15	<i>Lunch+Praying</i>	

JISNET Workshop

JISNET Workshop		Moderator: Dr. Fauzi
13.15 – 13.35	JISNET: Past, Present and Future	Dr. Hiroshi Inoue
13.35 – 13.55	Earthquake and Tsunamis in Indonesia	Dr. Kenji Satake/ERI
13.55 – 14.15	Strong motion Records of September 30, 2009 West Sumatera Earthquake	Dr. Hiroyuki Kumagai
14.15 – 14.35	SWIFT Earthquake Source Inversion	Dr. Masaru Nakano
14.35 – 14.50	<i>Coffee Break</i>	
14.50 – 15.10	Operation of SWIFT System in Jakarta.	Iman Suardi M.Si, Dipl.Seis (Earthquake and Tsunami Early Information, BMKG)
14.10 – 15.30	InaCMT Catalogue	Tadashi Yamashina
15.30 – 15.50	Earthquake Early Warning in West Sumatra	Dr. Hiroshi Inoue
15.50- 16.10	IT-Kyoshin Seismometer	Dr. Kiyoshi Takano

Discussion and Closing

16.10 – 16.30	Discussion of further development steps that can be done to aplying integration research of geophysical parameters monitoring as large-scale earthquake precursors	All Participants and Speaker (Dr. Fauzi as Chairperson)
16.30 – 17.00	Conclussion of Discussion	All Participants and Speaker (Dr. Fauzi as Chairperson)
19.00 - 20.00	<i>Dinner</i>	

Day 3, Wednesday November 18th 2009: Excursion: Padang and Bukittinggi

TIME	AGENDA	GUIDE
07.00 - 07.30	<i>Breakfast</i>	
07.30 - 10.00	Travel from Hotel to Padang	
10.00 - 13.00	Padang	Local Government
13.00 - 14.00	<i>Lunch+Praying</i>	
14.00 - 15.00	Travel from Padang to Airport for Speakers	
14.00 - 17.00	Travel from Padang to Bukittinggi for Participants	
20.00 - 21.00	<i>Dinner</i>	

Day 4, Thursday November 19th 2009: Task Force Meeting on Establishment of Monitoring Network of Tsunami Early Warning Systems in South East Asia.

TIME	AGENDA	GUIDE
07.00 - 07.30	<i>Breakfast</i>	
08.00	Agenda	<ul style="list-style-type: none"> • Dr. Masturyono, M.Sc
	Updates on the Interoperability Issues Related to Data Exchange for the Member Countries (Country report):	<ul style="list-style-type: none"> • Dr. Ridwan Jamaludin, • Ir. Cecep Subarya, M.Sc. • Dr. Fauzi
	a. Indonesia	
	b. Malaysia	•
	c. Philiphine	•
	Coffee break	•
	d. Thailand	•
	e. Vietnam	•
	f. Singapore	•
	g. Brunei Darussalam	•
	h. Laos	•
	i. Myanmar	•
	j. Cambodia	•
11.45 – 13.00	<i>Lunch+Praying</i>	
13.00 - 15.20	Updates on the list of Key Stations for Regional Monitoring and Data Exchange. Identification of the system interoperability: <ul style="list-style-type: none"> - Assessment of AEIC facilities in each member states for tsunami warning system - Upgrading AEIC facilities - Data Exchange Development - Message system - Identification of tsunami simulation database in ASEAN - Identification of the tools and server - Develop SOP for Tsunami Early Warning System for ASEAN 	
15.20 – 15.35	Coffee break	
15.35 – 16.45	Dissemination System: <ul style="list-style-type: none"> - Propose the system for dissemination system, conventional (e-mail, fax, GTS, RANET, DVB) - Establishment of the dissemination system for multi hazard system Centralized or Interlink. 	
16.30 – 17.15	Capacity building: <ul style="list-style-type: none"> - Proposal of training facilities for operators - Exchange Expert 	
17.15 – 17.35	Adoption of the report	
17.35 – 17.50	<i>Closing Remark</i>	Dr. P.J. Prih Harjadi
19.00 - 20.00	<i>Dinner</i>	

Day 5, Friday November 20th 2009: Departure All Participant