PROGRAM

2nd U.S.-Asia Conference on Engineering for Mitigating Natural Hazards Damage (EMNHD-2) Yogyakarta, Indonesia 22-26 June 1992

Monday, 22 June	1992
08:00 - 09:00	Registration - in front of Roro Jonggrang Room, Ambarrukmo Palace Hotel
09:00 - 09:30	Opening Ceremony - Roro Jonggrang Room (7th floor)
	Co-Chairmen - Arthur N.L. Chiu Aspan S. Danuatmodjo Hernowo Hadiwonggo
	Welcoming Address - Mr. Hernowo Hadiwonggo, Co-chairman, Organizing Committee
	Welcoming Remarks - Dr. Albert J. Simone, President, University of Hawaii and Chancellor, University of Hawaii at Manoa
	Opening Address - His Majesty Sri Paduka Paku Alam VIII, Governor of the Special Territory of Yogyakarta
09:30 - 10.00	Coffee Break
	Plenary Session I - Roro Jonggrang Room Themes: Volcano and Earthquake Hazards Chairman: M. Ito
10:00 - 10:30 10:30 - 11:15	Volcanic Hazard Mitigation in Indonesia - A. Sudradjat Volcano Monitoring and Eruption Prediction: Strategy, Techniques, and Limitations - B. Voight
11:15 - 12:00	Technology Transfer in Earthquake Engineering Research - G.C. Lee and I.G. Buckle (presented by M.P. Gaus)
12:00 - 12:45	Disaster Estimation Caused by Failure of Critical Facilities Due to Natural Hazard - H. Shibata
12:45 - 13.45	Lunch - Borobudur Restaurant
	Plenary Session II - Roro Jonggrang Room Theme: Ground-Failure Hazard Chairman: T.H. Wu
13:45 - 14:30	Retention Systems for Slope Stabilization: Engineering Innovations in the United States - R.L. Schuster
14:30 - 15:15	Current Methods of Slope Protection in Taiwan - J-J. Hung (presented by G.T-J. Chen)
15:15 - 15:30	Coffee Break

	Plenary Session III - Roro Jonggrang Room Theme: Wind Hazard
15:30 - 16:15	Chairman: T. Balendra Holism, Eurocodes and Natural Hazards in the Pacific Rim - A.P. Jeary
16:15 - 17:00	On the Question of the Role of Building Codes and Standards in Mitigating Damage Due to High Winds - D.C. Perry and W.L. Beason
18:30 - 20:00	Cocktail Reception - Sinar Bulan Room (8th Floor)
Tuesday, 23 June	1992
	Plenary Session IV - Roro Jonggrang Room Theme: Flood Hazard Chairman: M.R. Peart
08:30 - 09:15	Mitigating Flood Impacts: Approaches and Experiences in the United States - J.M. Wright
09:15 - 10:00	Flood Action Plan of Bangladesh: A Critical Review - A. Nishat
10:00 - 10:15	Coffee Break
	Simultaneous Session IA - Roro Jonggrang Room Volcano, Earthquake and Ground-Failure Hazards Co-Chairmen: P. Karasudhi and M.P. Gaus
10:15 - 10:30 10:30 - 10:45	Volcanoes and Their Volcanic Hazard Map Preparations - S. Bronto The Volcanic Hazards of Hydrothermal Areas in Indonesia, and
	Mitigation Efforts - M. Alzwar
10:45 - 11:00	The Potential Hazard of Sector Collapse of Alteration from Mt. Ili Lewotolo, NTT - A. Nasution
11:00 - 11:15	Mitigation of Ground Failures in Third World Countries with Special Reference to India - P. Kumar and N.S. Bhal
11:15 - 11:30	Monitoring of Bendowuluh Landslide in Banjarnegara Regency, Jawa Tengah - U. Sudarsono and S. Kartoatmodjo
11:30 - 11:45	Prediction and Mapping of Landslide Hazards - T.H. Wu
	Simultaneous Session IB - Mataram Room (2nd floor) Wind and Flood Hazards Co-Chairmen: A.P. Jeary and J.H. Golden
10:15 - 10:30	Reliability-Based Wind-Resistant Design of Transmission Towers - H-N. Cho, J-C. Shin and S.J. Lee
10:30 - 10:45	Integrated Approach Against Cyclonic Wind Hazard and Role of
10:45 - 11.00	Voluntary Agencies - K. Seetharamulu and V.R. Sharma Engineering of Structures for Wind Hazard Reduction -
11:00 - 11:15	J. Shanmugasundaram, S. Arunachalam and T.V.S.R. Appa Rao Computational Methods for Estimating Extreme Wind Speeds -
11:15 - 11:30	E.D.H. Cheng and A.N.L. Chiu Strong Wind Damage to Houses in Yanagawa City by Typhoon 9119
11:30 - 11:45	- H. Ishizaki, J. Katsura, Y. Taniike and T. Maruyama Determination of Wind Effects on and around Tall Buildings - H.F. Cheong, T. Balendra and S.L. Lee
11:45 - 13:00	Lunch - Borobudur Restaurant

13:00 - 13:15 13:15 - 13:30	Simultaneous Session IIA - Roro Jonggrang Room Volcano, Earthquake and Ground-Failure Hazard Co-Chairmen: P.C. Thenhaus and K. Muniandy Mountain Risk Engineering for Linear Infrastructures - B.B. Deoja Landslide Potential of the Halang Formation in the Waled Area, Cirebon Regency, West Java, Indonesia - I.B. Sudjarwo, Suranta and
13:30 - 13:45 13:45 - 14:00 14:00 - 14:15	Y.O.P. Siagian Attenuations of Seismic Waves - P. Karasudhi An Assessment Model for Earthquake Fatalities - K. Shiono Analysis and Design of a Base-Isolated Building - T-C. Pan, A.H. Muhr and J.M. Kelly
14:15 - 14:30	The Susceptibility to Landsliding in the Enrekang Area, South Sulawesi, Indonesia - S. Nitihardjo
	Simultaneous Session IIB - Mataram Room Wind and Flood Hazards Co-Chairmen: A. Nishat and J. Shanmugasundaram
13:00 - 13:15	Processes of River Bank Erosion During Floods - Y. Fujita, Y. Muramoto and Y. Yahiro
13:15 - 13:30	Effects of the War on Flood Damages in Hiroshima Due to Typhoon 4516 - Y. Kawata, T. Oka and Y. Tsuchiya
13:30 - 13:45 13:45 - 14:00	Flood Hazards Mitigation in Malaysia - K.L. Hiew and K.F. Law To Improve Heavy Rainfall Forecast: Taiwan Area Mesoscale Experiment (TAMEX) - G.T-J. Chen
14:00 - 14:15 14:15 - 14:30	Post-Cyclone Relief and Rehabilitation - H.E. Rashid Floods Expected Due to Global Warming - R. Harboe and Z. Ahmad
14:30 - 14:45	Coffee Break
	Simultaneous Session IIIA - Roro Jonggrang Room
	Volcano, Earthquake and Ground-Failure Hazards
14:45 - 15:00	Volcano, Earthquake and Ground-Failure Hazards Co-Chairmen: S. Bronto and T.H. Wu Risk Management for Natural Disasters: A Global Perspective -
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Wednesday, 24 June 1992

08:00 - 17:30	Field Trip
08:00	Buses will be in front of Ambarrukmo Palace Hotel
08:00	Leave Hotel for Merapi Volcano Observatory Office
08:20	Arrive at Merapi Volcano Observatory Office
09:00	Leave for VOLCANIC SABO TECHNICAL CENTER (VSTC)
09:30	Arrive at VOLCANIC SABO TECHNICAL CENTER
10:30	Leave for Merapi Project site at Bebeng
11:00	Arrive at Salam Village, thence by minibuses to the project site
11:30	Arrive at the project site
12:15	Return to Salam Village, thence by bus to Borobudur Temple
13:15	Arrive at Borobudur Temple and direct to DAGI Restaurant (located
	at Borobudur) for lunch
14:30	Visit Borobudur Temple
16:00	Return to Yogyakarta
17:30	Arrive at Ambarrukmo Palace Hotel
19:00 - 21:00	Dinner and Cultural Program

Thursday, 25 June 1992

09:30 - 12:00

Plenary Session - Roro Jonggrang Room Co-Chairmen: Arthur N.L. Chiu Aspan S. Danuatmodjo

08:30 - 09:00

A Hard-fought Victory in the Philippines, but Losing Big in the Andes: The State-of-Practice in Pacific Rim Volcano Crisis Management as Revealed by Pinatubo and Armoro - B. Voight

09:00 - 09:15

General Discussion on Workshop Format and Goals

Coffee Break

Workshop Sessions

Theme: Volcano Hazards - Roro Jonggrang Room Co-Chairmen: B. Voight and S. Bronto Rapporteurs: A. Nasution and M. Alzwar

Theme: Ground-Failure Hazards - Roro Jonggrang Room Co-Chairmen: R.L. Schuster and B.B. Deoja Rapporteurs: P. Kumar and T.H. Wu

Theme: Earthquake Hazards - Roro Mendut I Co-Chairmen: H. Shibata and P.C. Thenhaus Rapporteurs: A.H-S. Ang and K. Muniandy

Theme: Wind Hazards - Roro Jonggrang Room Co-Chairmen: A.P. Jeary and D.C. Perry Rapporteurs: K. Seetharamulu and T. Maruyama

Theme: Flood Hazards - Roro Mendut II Co-Chairmen: J.M. Wright and A. Nishat Rapporteurs: M.R. Peart and G.T-J. Chen

12:00 - 13:30	Lunch - Borobudur Restaurant	
13:30 - 15:00	Workshop: Continue Discussions	
15.00 - 15:15	Coffee Break	
15:15 - 16:30	Workshop: Draft Reports and Proposals	
Friday, 26 June 1992		
08:30 - 09:45	Plenary Session - Roro Jonggrang room Co-Chairmen: Arthur N.L. Chiu Aspan S. Danuatmodjo Hernowo Hadiwonggo	
	Draft Reports by Workshop Groups	
09:45 - 10:00	Coffee Break	
10:00 - 12:00	Workshop: Revise Draft Reports - Roro Jonggrang Room	
12:00 - 14:00	Lunch - Borobudur Restaurant	
14:00 - 15:30	Plenary Closing Session - Roro Jonggrang Room Co-Chairmen: Arthur N.L. Chiu Aspan S. Danuatmodjo Hernowo Hadiwonggo	
	Final Reports by Workshop Groups Resolutions Closing Remarks	
15:30 - 16:00	Coffee Break	
18:00 - 21:30	Closing Banquet - Sinar Bulan Room	