

Time	Ballroom		Rama-room	
	ID-001 Sources and uncertainties (JOINT ID-007, 008 AND 011)		ID-002 Instrumentations, forecasting and early warning	
	Title	Author	Title	Author
Monday/21 Aug 2017				
Chairs	Y. Tanioka, A. Suppasri and R. Hanifa		Sven Harig and Emile A. Okal	
14:00 - 14:15	<i>Refining Tsunami Magnitude with Observations</i>	Vasily Titov	<i>Tsunami data assimilation of hypothetical sea level data offshore Bali, Indonesia</i>	A. Gusman, Kenji Satake, I.E. Mulia and Takuto Maeda
14:15 - 14:30	<i>A revised model of tsunami sources in eastern Indonesia and the role of extensional fault systems</i>	Jonathan Griffin, I.G. Pranantyo, Phil Cummins, Gareth Davies and Hamzah Latief	<i>Supercomputing in fundamental problems of geophysics - tsunami</i>	A. Kozelkov, R. Shagaliev, S. Dmitriev, A. Kurkin and Efim Pelinovsky
14:30 - 14:45	<i>Probabilistic Tsunami Hazard Assessment for the Makran subduction zone using statistical emulation</i>	Serge Guillas, Devaraj Gopinthan, Simon Day and Kusala Rajendran	<i>Comparison of modeling approaches and the resulting warning products in the framework of the Indonesia Tsunami Early Warning System (InaTEWS)</i>	Sven Harig, A. Babeyko, A. Immerz, N. Rakowsky and Tri Handayani
14:45 - 15:00	<i>Influence of spatial heterogeneity of fault slip on coastal tsunami height</i>	Shunsuke Murakami, J. Taniguchi and Toshitaka Baba	<i>Extending the database of pre-computed tsunami simulations for the Indonesian tsunami early warning system (InaTEWS)</i>	Tri Handayani, M. Riyadi, S. Harig, A. Immerz, N. Rakowsky and J. Griffin
15:15 - 15:30	<i>The Mw 7.8 Kaikoura (New Zealand) earthquake and tsunami: investigation of the tsunami source and implications for tsunami hazard assessment</i>	William Power, C. Mueller, J. Mountjoy, K. Clark, Ian Hamling, D. Burbidge and Xiaoming Wang	<i>Efficiency of DART gauge locations for tsunami early warning along seismically active subduction zones</i>	Amy L. Williamson and Andrew V. Newmann
15:30 - 15:45	Coffee Break			
15:45 - 16:00	<i>Earthquake uncertainty effects on tsunami hazard assessment</i>	I. Sepulveda, Philip L-F Liu, M. Grigoriu, and M. Pritchard	<i>Later phase modeling of the trans-pacific tsunami caused by the 2011 Tohoku earthquake</i>	Toshitaka Baba, S. Allgeyer, J. Hossen, Phil Cummins and T. Kato
16:00 - 16:15	<i>New insights for recurrences of the 2011 great Tohoku-oki earthquake suggested from the source model of the 1611 Keicho Tsunami earthquake (Mw9.0)</i>	Yuichiro Tanioka and G. Fukuhara	<i>Airborne observations of sea surface heights using nadir-pointing radar altimeters for great tsunamis early detection</i>	Tomoyuki Hirobe, Y. Niwa, T. Endoh, I.E. Mulia, D. Inazu, T. Yoshida, H. Tatehata et al.
16:15 - 16:30	<i>Uncertainty Quantification of the 2004 Sumatra-Andaman Earthquake Kinetic Source Parameters by Emulation and Stochastic Nonlinear Inversion of Satellite Altimetry</i>	D. Gopinathan, M. Venugopal, D. Roy, K. Rajendran, S. Guillas and F. Dias	<i>Measuring great tsunamis using GNSS-based ship height positioning for early tsunami warning</i>	Daisuke Inazu, T. Waseda, Toshiyuki Hibiya and Y. Ohta

16:30 - 16:45	<i>Tsunamigenic megathrust earthquake source along Sunda Trench for the updating Indonesia National Earthquake hazard map 2016</i>	R. Hanifa, I. Meilano, E. Gunawan, Susilo, R.R. Ramadian, S. Rahmadani and A.A Safitri	<i>Rapid estimation of tsunami source distribution based on forward analysis of real-time data from dense offshore observation network</i>	Naotaka Yamamoto
16:45 - 17:00	<i>"Non-reflecting" wave propagation and amplification in the coastal zone</i>	Efim Pelinovsky, I. Didenkulova, T. Talipova, A. Kurkin and A. Bagaev	<i>Ensemble tsunami inundation forecast method using ABIC: an application for Tokyo Bay</i>	Tomohiro Takagawa and Takashi Tomita
17:00 - 17:15	<i>Developing Fragility Functions based on data from aquaculture raft and eelgrass damaged by the 2011 Great East Japan tsunami</i>	Anawat Suppasri, K. Fukui, K. Yamashita, H. Ohira and Fumihiko Imamura	<i>Real-time correction of tsunami site effect by frequency-dependent tsunami-amplification factor</i>	Hiroaki Tsushima
17:15 - 17:30	<i>Infrastructure Post-Event Impact Survey for the 2015 Chile Earthquake and Tsunami</i>	Ryan Paulik, N. Horspool, J. Williams, R. Mowll and R. Woods	<i>Improving tsunami forecasts by assimilating sea surface heights observed from commercial ships and airplanes</i>	I.E. Mulia, T. Hirobe, D. Inazu, T. Endoh, Y. Niwa, H. Tatehata, A.R. Gusman et al.

Tuesday/22 Aug 2017

Sessions	ID-013 Prevention, preparedness, mitigations and resilience (JOINT ID-006, 009 AND 010)		ID-002 Instrumentations, forecasting and early warning	
Chairs	F. Imamura, M. Heidarzadeh and G.A. Papadopoulos		T. Baba and Aditya Gusman	
08:00 - 08:15	<i>Evaluation of global tsunami hazard for 400 years and future</i>	Fumihiko Imamura, Takuro Otake, A. Suppasri, P. Latcharote and Natt Leelawat	<i>Rapid Tsunami Inundation and Damage Estimation with High-Performance Computing and Networking</i>	Shunichi Koshimura, Y. Murashima, R. Hino, Y. Ohta, H. Kobayashi, M. Kachi and Y. Sato
08:15 - 08:30	<i>Indonesia Tsunami Early Warning System (InaTEWS) : Lesson Learnt from the Southwest of Sumatera Earthquake 2nd March 2016</i>	Weniza, Wulandari. B and Angello Strollo	<i>A study of real-time detection distance of tsunami arrival based on virtual tsunami observation experiments using numerical simulation and HF radar observation</i>	Ryotaro Fuji and Hirofumi Hinata
08:30 - 08:45	<i>A Monitoring Method with Unmanned Aerial Vehicle for Tsunami Evacuation Drill</i>	Yuji Dohi, Y. Okumura, H. Kamiosako and Junji Kiyono	<i>Cruise ship exposure characterization using GIS face to regional tsunami warning exercises in the Caribbean sea</i>	B.A. Rossel, M. Peroche, F. Leone and A. Granjon
08:45 - 09:00	<i>Evacuation Simulation Method Focusing on Evacuation Start</i>	Yoshihiro Okumura, Y. Dohi and Junji Kiyono	<i>Forecasting of Tsunami Heights for the Egypt</i>	Efim Pelinovsky, A. Zaytsef, A. Babeyko and Ahmet Yalciner
09:00 - 09:15	<i>Tsunami evacuation exercise based on technology: the case of Heraklion, Crete isl., Greece</i>	G.A. Papadopoulos, M. Charalampakis, T. Novikova and I. Triantafyllou	<i>Generation of free gravity waves in the ocean by horizontal movements of bottom slopes during the passage of surface seismic waves</i>	Kirill Sementsov, S. Kolesov, M. Nosov, V. Karpov, H. Matsumoto and Y. Kaneda

09:15 - 09:30	<i>Public awareness and education for disaster risk reduction –Bilateral cooperation between Japan and Indonesia –</i>	Mari Yasuda, A. Suppasri, T. Muramoto and F. Imamura	<i>Determination of a scenario tsunami based on probabilistic hazard assessment</i>	Naoto Kihara, T. Kimura, Hideki Kaida, K. Iizuka and Naoki Fujii
09:30 - 09:45	<i>Multi-level tsunami simulation tools for disaster prevention and mitigation</i>	Nur'Ain Idris and Mitsuteru Asai	<i>Earthquake Monitoring System in NTWC</i>	Hongwei Li, Z. Xu and Ye Yuan
09:45 - 10:00	Coffee Break			
Sessions			JOINT SESSION ID-004 AND ID-005	
Chairs			Phil Cummins and Djati Mardiatno	
10:00 - 10:15	<i>Tsunamis at continental shelves: an application of Snell's Law to extreme refraction</i>	Emile A Okal	<i>Current situation in Tsunami Disaster Mitigation at Padang City (invited)</i>	Henki Mayaguezz
10:15 - 10:30	<i>Research on the effects of the damage categories of the buildings by the coastal forest based on surveyed data of building damage by the great east japan earthquake tsunami in Sendai plain</i>	Akihiro Hayashi, K. Yamashita and Fumihiko Imamura	<i>Green's Function based Time Reverse Imaging for the Source of the 2009 Samoa Tsunami</i>	Jakir Hossen, Phil Cummins and Kenji Satake
10:30 - 10:45	<i>Quantitative effect of uncertainty in tsunami hazard on building risk assessment</i>	Yo Fukutani, A. Suppasri and Fumihiko Imamura	<i>Extraction of tsunami damage to bridges based on high-resolution satellite SAR intensity images</i>	Fumio Yamazaki, K Inoue and Wen Liu
10:45 - 11:00	<i>Preliminary assessment of the vulnerability of some ports in the Makran coasts, NW Indian Ocean to tsunamis currents</i>	M. Heidarzadeh, Kenji Satake, T. Takagawa and Serge Guillas	<i>Numerical simulations of the historical tsunamis generated by large sector collapses in Japan</i>	Yusuke Yamanaka and Yuichiro Tanioka
11:00 - 11:15	<i>Long wave maximum runup and propagation features with respect to earthquake source parameters</i>	Naimeh Shargivand and Utku Kanoglu	<i>Tsunami and landslide model due to the 1741 Oshima-Oshima eruption in Hokkaido, Japan</i>	Kei Ioki, Hideaki Yanagisawa, Y. Tanioka, G. Kawakami, Y. Kase, K. Nishina et al.
11:15 - 12:15	POSTER SESSION			
Sessions	ID-003 Analytical, experimental and numerical method and applications		JOINT SESSION ID-004 AND ID-005 (Cont.)	
Chairs	Taro Arikawa and Ahmet C. Yalciner			
13:00 - 13:15	<i>Applicability of High Precision Tsunami Runup Calculation Method Coupled with Structure Analysis</i>	Taro Arikawa, K. Seki, Y. Ohki, H. Hirano, Yu Chida, T. Takagawa and K. Shimosako	<i>Tsunami hazard in La Reunion Island (SW Indian Ocean): scenario-based numerical modelling on vulnerable coastal sites</i>	S. Allgeyer, E. Quentel, H. Hebert, A. Gallier and A. Loevenbruck
13:15 - 13:30	<i>Basic concept and design of database on tsunami sources estimated from tsunami deposits in the Pacific coast of the Tohoku District in Japan</i>	Tomoyuki Takahashi, K. Kawasaki, D. Sugawara and K. Hirata	<i>Tsunami Hazard Assessment in Padang, Indonesia Considering Stochastic Earthquakes Source Scenarios and High-resolution Elevation Data</i>	Ario Muhammad and Katsuichiro Goda
13:30 - 13:45	<i>Study on field experiment and modeling of coastal tree damages by tsunami</i>	Harada Kenji	<i>Finite-fault source inversion for the 1992 Flores tsunami, considering multiple data types</i>	I.R. Pranantyo, Phil Cummins, Jonathan Griffin and Hamzah Latief

13:45 - 14:00	<i>Coupled Earthquake Cycle - Dynamic Rupture - Tsunami Simulations</i>	Joern Behrens, M. Bader, Y. Van Dinter, A-A. Gabriel, E.H. Madden, T. Ulrich, et al.	<i>Tsunami in Arctic</i>	E.A. Kulikov, I.P. Medvedev and A.I. Ivaschenko
14:00 - 14:15	<i>Accelerated Solutions in Tsunami Simulation and Visualization with Case Studies</i>	Bora Yalciner, A. Zaytsev and Ahmet Cevdet Yalciner	<i>Assessment of tsunami hazard for the Black Sea coast based on historical and seismotectonic consideration</i>	A.A. Nikonov and V.K. Gusiakov
14:15 - 14:30	<i>Comparison of 2D and 3D Models in Application to Long Wave Motion and its Interaction with the Structures</i>	G.E. Cinar, H.G. Guler, C. Baykal, Taro Arikawa, A. Zaytsev and Ahmet C. Yalciner	<i>Tsunami caused by submarine mass failure – case study of Heard Island and McDonald Island, Australia</i>	Rikki Weber, V. Miller, M. Garthwaite, Jonathan Griffin and G. Cox
14:30 - 14:45	<i>Study on Wave Force on Breakwater under Superposition of Earthquake and Tsunami</i>	Katsushiro Okada, K. Suzuki and Taro Arikawa	<i>Source estimate and tsunami forecast from far-field deep-ocean tsunami waveforms—The 27 February 2010 Mw 8.8 Maule earthquake</i>	Shingo Watada, M. Yoshimoto, Y. Fujii and Kenji Satake
14:45 - 15:00	<i>Numerical Simulation of Composite Tsunami Hazards using Integrated Tsunami Model - Tsunami Inundation, Sediment Transport and Drifting Ships in Kesennuma City, Miyagi Prefecture during the Great East Japan Earthquake -</i>	Kei Yamashita, Y. Shigihara, D. Sugawara, T. Arikawa, T. Takahashi and F. Imamura	<i>Application of Land Cover Data from Drone-based-Photogrammetry for Tsunami Modeling (Case Study: Purworejo Regency, Jawa Tengah)</i>	Haunan Afif and P.A. Minarno
15:15 - 15:30	Coffee Break			
Sessions	ID-003 Analytical, experimental and numerical method and applications (Cont.)		ID-018 TSUNAMI GEOLOGY AND SEDIMENT	
Chairs			Kenji Satake and Sri Hidayati	
15:30 - 15:45	<i>Tsunami Modelling System Inter-coupled through Absorbing-Generating Boundaries</i>	Sangyoung Son and Patrick Lynett	<i>Interdisciplinary study of South Java Giant Tsunami (invited)</i>	Eko Yulianto
15:45 - 16:00	<i>Free surface tsunami simulation by the lattice Boltzmann method based on the PLIC-VOF</i>	Kenta Sato and Shunichi Koshimura		
16:00 - 16:15	<i>Overview of Probabilistic Tsunami Hazard Assessment and Its Application</i>	Nobuhito Mori, Katsuichiro Goda and Daniel T. Cox	<i>Tsunami deposit in a V-shaped valley from the 2011 Tohoku and older earthquakes: sediment transport modeling and classification of gravel deposit</i>	Kenji Satake, T. Goto, A.R. Gusman and T. Ishibe
16:15 - 16:30	<i>Is spatially variable friction important for accurate inundation hazard maps?</i>	Rikki Weber, Jonathan Griffin, I.R. Pranantyo, H. Afif, R. Rahayu and G. Davies.	<i>Sedimentary Structure of 2006 Tsunami Deposits in Pangandaran</i>	Imun Maemunah and Sri Hidayati
16:30 - 16:45	<i>Physical Model Experiment of Tsunami Inundation with Arbitrary Waveform Generation</i>	Tomohiro Yasuda, A. Prasetyo, N. Mori and T. Hiraishi	<i>Preservation and disappearance of the 2011 Tohoku-Oki tsunami deposit along the Misawa coast, Aomori prefecture, northern Japan</i>	Yuichi Nishimura

16:45 - 17:00	<i>Tsunamis without tsunami sources: Tsunami interferometry using deep-ocean tsunami-meter records</i>	Shingo Watada, L. Kanenko, Y. Wang and Kenji Satake	<i>Sedimentary and geochemical characteristics of deposits laid down by the 14th November, 2016, Kaikoura Tsunami at Little Pigeon Bay, New Zealand: Implications for historical- and paleo-tsunami studies</i>	Shaun P. Williams, T. Zhang, C. Chague-Goff, J. Williams, Emily M. Lane, James Goff et al
17:00 - 17:15	<i>Physical and numerical modeling of tsunami inundation in a complex coastal city</i>	Adi Prasetyo, T. Yasuda, N. Mori and Hajime Mase	<i>Bridges Over Troubled Waters: Tsunami Disaster Mitigation in Islands Facing the Java Trench, Indonesia</i>	Ron Harris, C. Prasetyadi, Eko Yulianto, H. Ibadurrahman, R. Dunn, S. Hall et al.
Wednesday/23 Aug 2017				
Sessions	JOINT SESSION ID-014, ID-015		ID-017 Social science in tsunami disaster mitigation.	
Chairs	Ahmet Yalciner and Tomoyuki Takahashi		Jonatan Lassa and Irina Rafliana	
08:00 - 08:15	<i>Tsunami Hazard Assessment for the Development of New Yogyakarta International Airport – Indonesia (Invited)</i>	Kongko W., Armono, H.D., Daryono., Utama, T.B., Aziz, H. and Wibowo, A.A.	<i>Human sense approach and movie making in documenting knowledge in the case of 2010 Mentawai tsunami (invited)</i>	Udrekh
08:15 - 08:30	<i>25 years (1992-2016) of global tsunamis: statistical and analytical overview</i>	V. Gusiakov and Paula Dunbar	<i>Learning from Success: Research Indicating How We May Build Better Programs for Disaster Resilience at the Local Community Level</i>	Stephen Sutton, Douglas Paton, Saut Sagala and Petra Buergelt
08:30 - 08:45	<i>Tsunami Risk Assessment in Cilacap Coastal Area, Central Java, Indonesia</i>	Anugrah Rani Dwi	<i>The Social Construction of Tsunami Disasters: The Gap Between Policy-maker and People</i>	Ahmad Arif and Irina Rafliana
08:45 - 09:00	<i>A Pedestrian and Car Tsunami Evacuation Simulation and Its Application to a Large-scale Complex Urban Environment</i>	Fumiyasu Makinoshima, Fumihiko Imamura and Yoshi Abe	<i>Trust and resistances: The reciprocal relation in the social construction of knowledge in Siberut Islands</i>	Irina Rafliana
09:00 - 09:15	<i>Evolution of Building Risk to Tsunami Hazards</i>	Ryan Paulik and Emily Lane	<i>A critical reflection on “running to higher ground” narrative! Myth and Reality in Tsunami Warning and Response</i>	Jonatan Lassa
09:15 - 09:30	<i>Tsunami Hazard Assessment due to compiled potential submarine landslide locations in Marmara Sea</i>	Ceren Ozer Sozdinler, H.B. Bayraktar, Ahmet C. Yalciner and Taro Arikawa	<i>Tourist perspective related to human behaviour in disaster evacuation as consideration in determining propose tsunami shelter building location for tourism area</i>	L.G. Iriani, Djati Mardiatno and Nanette C. Kingma
09:30 - 09:45	<i>New Design Code for Coastal Structures in Turkey in respect to Marine Extreme Events including Tsunami</i>	Yalcin Yuksel, T.Z. Yuksel, I. Guler, A. Ergin, Ahmet C. Yalciner and Utku Kanoglu	<i>Assessing the effectiveness of Indonesian warning system and response on the 2 March 2016 tsunamigenic Wharton-Basin earthquake</i>	R. Hanifa, I. Rafliana, E. Yulianto, R. Yunita, A. Arif, A. Muhari, Udrekh.. et al.

09:45 - 10:00	<i>Tsunami 'sequencing', or why the first wave is not always the largest</i>	C. Synolakis and Emile A. Okal	<i>Preserving Past Tsunamis for Future Preparedness</i>	Ardito M. Kodijat, F. Saroinsong, A. Lanitaswari, M. Elfrida and A. Puspita
10:00 - 10:15	<i>The Lesvos Isl. (East Aegean Sea) strong (Mw6.3) earthquake and the associated tsunami of 12 June 2017 (invited)</i>	G. A. Papadopoulos, A. Agalos, M. Charalampakis, T. Novikova, I. ...et al.	<i>BMKG Current Programs for Strengthening Communities Preparedness Using Simulation Exercise Methods on Mitigation of Earthquake and Tsunami</i>	Admiral Musa Julius, Suci Dewi Anugrah and Robert Owen Wahyu
10:15 - 10:30	<i>The Bodrum-Kos strong (Mw6.6) earthquake and the associated tsunami of 20 July 2017: results of post-event field surveys (invited)</i>	A. C. Yalciner, A. Annunziato, G. A. Papadopoulos, G. G. ...et al	<i>How Network Analysis Suggests Improvement on Tsunami Early Warning Policy at Local Level: Comparison of Findings from Four Municipalities in West Sumatra, Indonesia</i>	Harkunti P. Rahayu, M.B.F. Bisri, In in Wahdini, Q. Aini and D. Khoirunnisa
10:30 - 10:45	<i>Coffee Break</i>			
10:45 - 12:00	POSTER SESSION			