



12th AIWEST-DR 2019



World BOSAI Forum



AIWEST@SENDAI 2019

12th ACEH INTERNATIONAL WORKSHOP
ON SUSTAINABLE TSUNAMI DISASTER RECOVERY
SHARING TOHOKU-ACEH EXPERIENCE, KNOWLEDGE AND CULTURE
TOHOKU UNIVERSITY, SENDAI, JAPAN

Conference Agenda

November 7 – Multipurpose Hall – 1F

08:30 am to 09:00 am	Registration Welcome Address to AIWEST: Prof. Fumihiko Imamura, Director, International Research Institute of Disaster Science (IRIDeS), Tohoku University, Japan
09:00 am to 09:05 am	Keynote Addresses: Prof. Dr. Ir. Samsul Rizal, M. Eng., Rector, Universitas Syiah Kuala, Indonesia Dr. Yoshimi Nishi, Member, Center for Southeast Asian Studies (CSAS), Kyoto University, Japan
09:55 am to 10:05 am	AIWEST 2019 Memorial Photo
10:05 am to 10:15 am	Break
10:15 am to 10:25 am	Prof. Toshiya Ueki, Executive Vice President for General Affairs, Financial Affairs and International Relations, Tohoku University, Japan
10:25 am to 10:35 am	Ceremony for the Renewal of the Memorandum of Understanding between Universitas Syiah Kuala Faculty of Mathematics and Natural Sciences (FMIPA) and IRIDeS - Tohoku University
10:35 am to 10:45 am	Signing Ceremony of the MoU Faculties of Engineering of Tohoku and Syiah Kuala Universities
10:45 am to 11:30 am	Bosai (Disaster Reduction) Stamp Rally Coordinator: Mari Yasuda, Project Instructor, IRIDeS
11:30 am to 12:45 pm	Lunch break
12:45 pm to 06:00 pm	Bosai Bus Tour to Sendai and Natori tsunami affected areas
06:30 pm to 08:30 pm	Reception at <i>Midori Shokudo</i>

November 8 – Room 1 (Seminar Room A) – 2F

honorific titles and co-author names have been omitted

09:00 am to 09:12 am	A-01	Abdul Muhari	Perspectives From Two Non-Tectonic Induced Tsunami Events On Enhancing Near Future Tsunami Warning In Indonesia
09:12 am to 09:24 am	A-02	Vishwa Raj Sharma	Neglecting Vulnerabilities Of Urban Fire Hazards: A Case Study Of Malviya Nagar, Delhi, India
09:24 am to 09:36 am	A-03	Irwandi Irwandi	Updating Probabilistic Seismic Hazard Map For Aceh Tenggara District And Microzonation For Kutacane City
09:36 am to 09:48 am	A-04	Muhsin Umar	Simultaneous Inversion For Earthquake Relocation And Velocity Modeling To Understand The Megathrust Segments Along Sumatran Subduction Zone
09:48 am to 10:00 am	A-05	Purwandy Hasibuan	Study Of Escape Building For Tsunami Evacuation In Banda Aceh
10:00 am to 10:10 am	Break		
10:10 am to 10:22 am	B-01	Rangga Wargadalam	Tsunami Evacuation Decisions And Behavior: A Case Study Of Pangadaran, Indonesia
10:22 am to 10:34 am	B-02	Constance Chua	Development Of Tsunami Damage Fragility Functions For Port Infrastructure Based On Observations From The 2011 Tohoku Tsunami
10:34 am to 10:46 am	B-03	Jorge Leon	Development Of Calibrated Tsunami Evacuation Models Through Real-World Collected Data: A Case Study Of La Serena, Chile
10:46 am to 10:58 am	B-04	Yunita Idris	Are Our Vertical Evacuation Buildings In Banda Aceh Capable Enough And Meet The Building Standard?
10:58 am to 11:10 am	B-05	Erick Mas	Analysis Of Tsunami Evacuation Simulation With Minimum Congestion And Higher Survivability Using Reinforcement Learning Algorithm
11:10 am to 11:20 am	Break		
11:20 am to 11:32 am	B-06	Kwanchai Pakoksung	Tsunami Simulation In The 28 September 2018 Palu Bay, Indonesia, Using Submarine Landslide Source And Two-Layer Depth-Integrated Modeling

11:32 am to 11:44 am	B-07	Carrie Garrison-Laney	Using Paleotsunami Deposits And Sediment Transport Modeling To Infer Tsunami Sources In Washington State, USA
11:44 am to 11:56 am	B-08	Ella Meilianda	Analysis Of Cascading Effects Of Extreme Events To Decadal Shoreline Change To Support Disaster-Affected Coastal Management
11:56 am to 12:08 pm	B-09	Anawat Suppasri	Cascading Disasters Perspective Of Tsunami
12:08 pm to 12:20 pm	B-10	Juan Sebastian Paez-Ramirez	A Comparative Analysis Of Empirical And Analytical Tsunami Fragility Functions For Buildings In Tumaco, Colombia
12:20 pm to 01:30 pm	Lunch break		
01:30 pm to 01:42 pm	B-11	Syamsidik	Fifteen Years-Observations Of Coastline Recovery In A Tsunami-Affected Area In Ulee Lheue Bay Of Aceh, Indonesia After The 2004 Indian Ocean Tsunami
01:42 pm to 01:54 pm	B-12	Ceren Ozer Sozdinler	Is A Big Tsunami Effect Expected In Takamatsu City If Nankai Trough Earthquake Hits Japan?
01:54 pm to 02:06 pm	B-13	Luis Angel Moya	Collapsed Buildings Due To The 2018 Sulawesi Earthquake-Tsunami From Remote Sensing Data
02:06 pm to 02:18 pm	B-14	Halida Yunita	Analysis Of Slope Stability With Segmental Concrete Block Wall And Geogrid In Meulaboh. Geumpang Road Section
02:18 pm to 02:30 pm	B-15	Annisa Sri Sugiarti	An Overview Of Physical And Social Vulnerability Of High-Risk Coastal Area After 14 Years Tsunami. A Case Study Of Banda Aceh
02:30 pm to 02:42 pm	Break		
02:42 pm to 02:54 pm	C-06	Nizamuddin	Implementing Geographic Feature Catalogue Of Indonesia To Geospatial Data Of Disaster
02:54 pm to 03:06 pm	C-07	Syahrul Ridha	Spatial Thinking And Decision-Making Abilities To Learn About Disaster Preparedness
03:20 pm to 03:40 pm	Closing Ceremony at Multipurpose Hall 1F		

November 8 – Room 2 (Seminar Room B) – 2F

honorific titles and co-author names have been omitted

09:00 am to 09:12 am	D-01	Safrizal Rahman	The Medical Emergency and Public Health Response in Disaster setting: A case series of Pidie Jaya, Lombok and Palu Earthquake
09:12 am to 09:24 am	D-02	Kunruthai Meechang	Affecting Factors On Perceived Usefulness Of Area-Business Continuity Management: A Perspective From Employees In Industrial Areas In Thailand
09:24 am to 09:36 am	D-03	Agus Nugroho	Natural Disasters And City Owned Assets Insurance: Best Practices And Lesson Learnt From The City Of Padang And Banda Aceh
09:36 am to 09:48 am	D-04	Teuku Ahmad Dadek	What Can Local Government Do To Improve Nat Cat Risk Awareness And Management?
09:48 am to 10:00 am	D-05	Adrian D. Romero	Herstory: Facilitating Participatory Disaster Risk Assessment To Single Mothers In Flood Prone Sub-Urban Poor Resettlement Housing In Philippines
10:00 am to 10:10 am	Break		
10:10 am to 10:22 am	D-06	Mizan Bustanul Fuady Bisri	Agenda Contestation After 2018 Catastrophic Events: Measuring Social And Political Learning In Disaster Recovery And Spatial Policy Changes In Indonesia?
10:22 am to 10:34 am	D-07	Alfi Rahman	Challenges And Issues Of Traditional Coastal Institution On Coastal Hazards Impacts: Notes From Aceh, Indonesia
10:34 am to 10:46 am	D-08	Mahdi Syahbandir	Challenges And Issues Of Disaster Risk Reduction Strategies In Aceh, Indonesia: Review From The Perspective Of Post-The 2005 Aceh Peace Agreement
10:46 am to 10:58 am	D-09	Kanako Iuchi	Could Natural Disaster Lead To Local Economic Revitalization? Initial Observation On Grassroots Efforts In The Fisheries Industry After The Great East Japan Earthquake
10:58 am to 11:10 am	D-10	Akira Miyasada	Current Situation And Challenges For Disaster Survivors: Collective Relocation For Disaster Prevention Projects In Ogatsu

District, Ishinomaki City, Miyagi Prefecture,
After The Great East Japan Earthquake

11:10 am to 11:20 am	Break	
11:20 am to 11:32 am	F-01	Ahmad Azan Ridzuan Best Practices Mediate The Relationship Between Risk Management Elements And Emergency Decision
11:32 am to 11:44 am	F-02	Yasuhito Jibiki Exploratory Study For Strengthening Education Sectors For Responding To Complexities Due To Natech (Natural-Hazard Triggered Technological Disasters) Disasters
11:44 am to 11:56 am	F-03	Julia Gerster The Power Of Disaster Theater In Social Recovery: School Theater Projects, Japanese Paper Theater And The Kataritsugi Event In Northeast Japan After 3.11
11:56 am to 12:08 pm	F-04	Daisuke Sasaki Intermediate Function For Reconstruction From Disasters Provided By Local Academic Institutions: A Case Study In Banda Aceh
12:08 pm to 12:20 pm	F-05	Rina Suryani Oktari Knowledge Creation To Enhance Coastal Community Resilience: Identification Of Key Indicators
12:20 pm to 01:30 pm	Lunch break	
01:30 pm to 01:42 pm	C-01	Azmeri An Urban Flood Inundation And Damage Assessment For Disaster Risk Reduction
01:42 pm to 01:54 pm	C-02	Agus Nugroho Village Fund Asymmetric Information In Disaster Management: Evidence From Community Levels In Indonesia
01:54 pm to 02:06 pm	C-03	Azhar Abdullah Arif Vulnerability Factors In Small Islands And Environmental Carrying Capacity By The AHP Method. Case Study: Weh Island, Aceh, Indonesia
02:06 pm to 02:18 pm	C-04	Aaron Opdyke Assessing Virtual Reality As An Education Tool For Participatory Coastal Vulnerability Appraisal
02:18 pm to 02:30 pm	C-05	Miwako Kitamura Community-Based Disaster Management Example Study Of Otsuchi In Iwate Prefecture
02:30 pm to 02:42 pm	Break	

02:42 pm to 02:54 pm	G-01 Syamsul Bachri	Developing Land Capability To Reduce Land Degradation And Disaster Incident In Bendo Watershed, Banyuwangi
02:54 pm to 03:06 pm	G-02 Safare Yaakob	Conceptual Framework On Disaster Readiness In Malaysian Infantry Battalions
03:20 pm to 03:40 pm	Closing Ceremony at Multipurpose Hall 1F	

November 8 – Room 3 (Seminar Room C) – 2F

honorific titles and co-author names have been omitted

09:00 am to 09:12 am	E-01	Mohammad Helmi Abidin	A Study On Disaster Awareness And Knowledge Among International University Student In Istanbul
09:12 am to 09:24 am	E-02	Lia Marlina	Orthopedic Profession In The Aftermath Of Indonesian Mass Calamity : Lombok And Celebes Experience 2018
09:24 am to 09:36 am	E-03	Puspita Annaba Kamil	An Evaluation Of Changes To The Secondary School Geography Curriculum In Indonesia: As A Disaster Risk Reduction Efforts For The School Community
09:36 am to 09:48 am	E-04	Allya Paramita Koesoema	Development Of A Multilingual Educational Platform For Cross-Nation Real-Time Distant Interaction In Youth Disaster Preparedness Between Indonesia And Japan
09:48 am to 10:00 am	E-05	Yoke Saadia Swito	Ehealth And Technologies For A Resilient Community Against Disasters - A Community Education Project
10:00 am to 10:10 am	Break		
10:10 am to 10:22 am	E-06	Puspita Annba Kamil	Environmental Awareness For Environmental Hazards Risk Reduction: A Case Study At Adiwiyata School In Banda Aceh City
10:22 am to 10:34 am	E-07	Teuku Roli Ilhamsyah Putra	Determinants Of The Community, Understanding Of Disaster Mitigation: Case Of Tsunami In Banda Aceh
10:34 am to 10:46 am	E-08	Muzayin Nazaruddin	Contesting Memory Of Natural Disaster: Indonesian Examples
10:46 am to 10:58 am	E-09	Mari Yasuda	Verification Of Whether The Children Can Improve The Preparedness For Tsunami Disaster By The Stamp Rally Game
10:58 am to 11:10 am	E-10	Siti Irene Astuti Dwiningrum	Student Knowledge About Disaster In Vocational And High School, In Lombok Indonesia.
11:10 am to 11:20 am	Break		
11:20 am to 11:32 am	E-11	Aiko Sakurai	Development Of A Teacher Training Program For Understanding Community Disaster Risk By Utilizing Geographic Maps

11:32 am to 11:44 am	E-12	Elizabeth Maly	Voices From Communities Relocated To Tacloban North After Typhoon Yolanda
11:44 am to 11:56 am	E-13	Irin Caisarina	The Provision Of Travel Advice To Tourists Visiting Disaster Area: The Case Of Banda Aceh
11:56 am to 12:08 pm	E-14	Flavia Fulco	Between Local Knowledge And Disaster Education: How Kataribe-Storytelling Enhances Disaster Risk Awareness And Resilience
12:08 pm to 12:20 pm	E-15	Talbani Farlian	Analysis of Poor Women Migration Pattern in Banda Aceh City
12:20 pm to 01:30 pm	Lunch break		
01:30 pm to 01:42 pm	E-16	Dicky Pelupessy	Different Vantage Points Amongst Different Stakeholders In Natech (Natural Hazard-Triggered Technological) Disasters: A Case From The 2018 Mt. Anak Krakatau Eruption And Tsunami
01:42 pm to 01:54 pm	E-17	Mochammad Afifuddin	Review Of The Collapse Of Krueng Raba Bridge In Lhoknga, Aceh Province, Due To Tsunami Loadings.
01:54 pm to 02:06 pm	H-01	Glenn Fernandez	Applicability Of Japan Tsunami Tendenko In Banda Aceh, Indonesia
02:06 pm to 02:18 pm	H-02	Imam Maulana	Peci: An Integrated Islamic-Based Earthquake And Tsunami Education In Islamic Boarding School Extracurricula
02:18 pm to 02:30 pm	H-03	Zya Dyena Meutia	The Role Of The Survivor On Dark Heritage Preservation In Context Post-Tsunami Banda Aceh, Indonesia
02:30 pm to 02:42 pm	Break		
02:42 pm to 02:54 pm	H-04	Yueh-Po	The New Religious Organization, Hinokishin, Cosmology, Moral Teaching And Welfare: A Case Study Of The 2016 Earthquake In Taiwan
02:54 pm to 03:06 pm	H-05	Sebastien P. Boret	Social Lives Of Tsunami Walls In Japan: Concrete Culture, Social Innovation And Coastal Communities
03:20 pm to 03:40 pm	Closing Ceremony at Multipurpose Hall 1F		

Getting around IRIDeS

CONFERENCE ROOMS

1. Multipurpose Hall (1F)
2. Seminar Room A (2F)
3. Seminar Room B (2F)
4. Seminar Room C (2F)

**Please use toilets on the first and second floor only.

PRAYER ROOMS

1. Meeting Room 4 (5F)
2. Meeting Room 5 (5F)

**Please use only the toilets on the fifth floor. Towels are provided there.

LUNCH LOCATIONS

- A. COOP Halal Lunch Box (2F) at Aobayama Welfare Bldg.
Also restaurants on 1F (Buddy's Table) and 2F (Kotaro)
- B. Convenience Store

RECEPTION LOCATION

- C. Midori Shokudo (in front of IRIDeS, 1F)





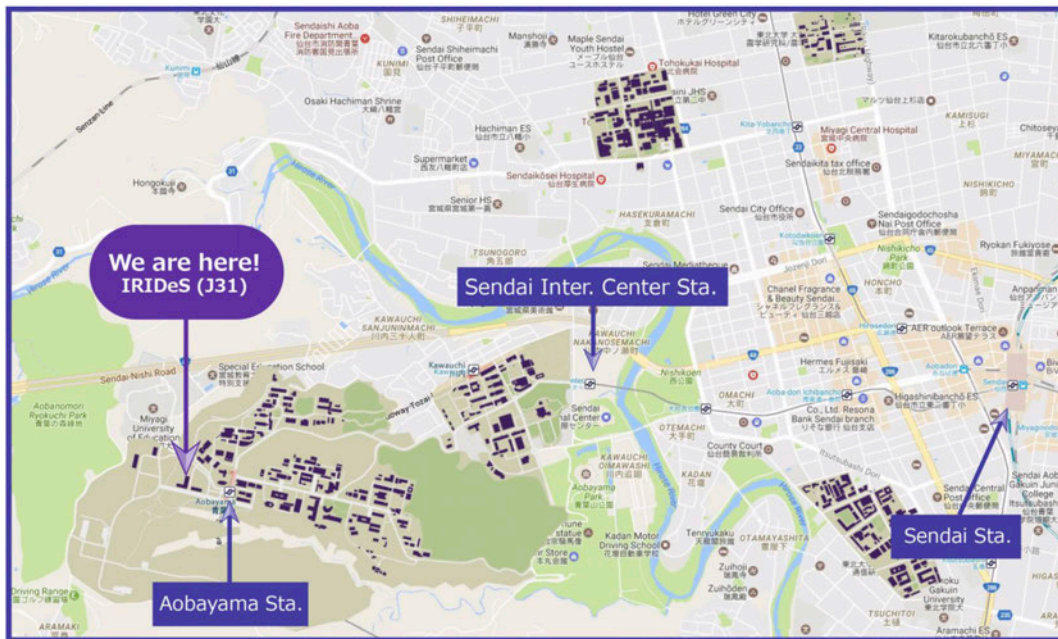
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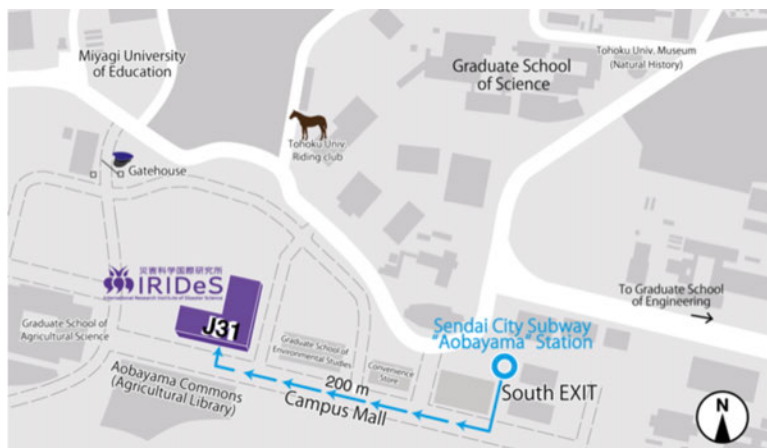
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Getting around Sendai and Tohoku University



Access IRIDeS from any station on the Subway Tozai Line and get off at Aobayama Station.
Then, follow the directions below to get to IRIDeS building.



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