



Oral Presentation Schedule

The 2nd International Conference on Disaster Risk Management for Strengthening Resilience and Sustainability in Communities 2026 (ICDRM2026)



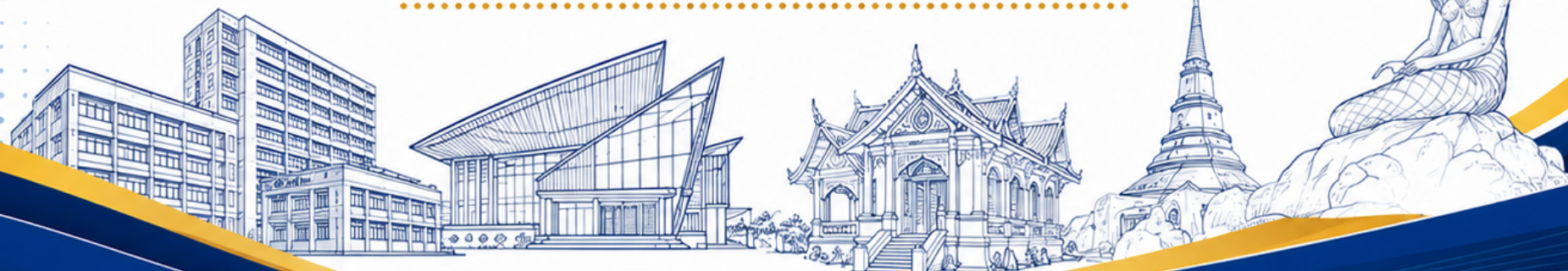
Conference Theme: *Integrated Disaster Management Through an Interdisciplinary Disaster Platform: Advancing from Adaptation and the New Normal to Growth Through Crisis*



Date: 7 July 2026 | **Time:** 09:00–12:00 hrs.



Venue: Prem Music Hall, Thaksin University, Songkhla Campus, Mueang Songkhla District, Songkhla Province, Thailand



Room 1 (AO1), 1st Floor, Prem Music Hall**Theme:** Smart Disaster Technology, Artificial Intelligence (AI), Climate Change, and Disaster Management**Panel of Experts**

1. Dr. Worasit Sornsrivichai, MD
Session Chair
2. Associate Professor Dr. Praditporn Pongtriang
Session Committee Member
3. Assistant Professor Dr. Tassanee Sunthorn
Session Secretary

Conference Observers

1. Paphawarin
Master of Ceremonies (MC)
2. Wiriyaoporn
Timekeeper
3. Pensri
Audio-Visual Support Officer
4. Wanicha
Session Recorder
5. Lecturer Papha-on, RN
Session Coordinator

Each presentation is allocated a total of 10 minutes: 7 minutes for the presentation and 3 minutes for questions and discussion. Remarks: *The presentation schedule is subject to change at the discretion of the Organizing Committee.*

Time	Title	Presenter	Theme
09.00–09.10	From Warning to Action: A Conceptual Framework for Community Flood Preparedness in Hat Yai	Sirinon Suwanmolee	Flood
09.10–09.20	Development of a Prototype Decision Support System for Flood Disaster Shelter Management in Yala Province, Thailand	Solaeh Kepan, Sulaiman Persoh, Abdulloh Baka, Waesomsudin Waedorkor and Fudailah Duemong	Flood
09.20–09.30	Rescue Line: An AI-Powered LINE Chatbot for Flood Disaster Communication in Thailand	Setthawut Khiaokham, Mojtaba Safari	AI
09.30–09.40	Flood-Aware Logistics and Routing for Safe Mobility and Emergency Access	Mojtaba Safari	Logistics
09.40–09.50	Development of an IoT-Based Real-Time Flood Monitoring and Decision Support Platform for Area Development Manager Operations in Lampang Province, Thailand	Wanchai Khamsen et al.; Wiraya Datsang	IoT
09.50–10.00	Development of a Non-Contact Flood Monitoring System Using IP Camera and Image Processing Techniques	Jerawat Sopajarn et al.; Arrisa Sopajarn	Monitoring
10.00–10.10	An Integrated Web-Based Mapping and LoRa IoT System for Flash Flood Monitoring and Vulnerable Population Support	Naphat Keawpibal, Grit Tongkhundam, Visit Boonchom, Ajaree Naco, Noppamas Pukkhem	IoT
10.10–10.20	Monitoring Mekong River Water Level using Image Processing and Internet of Things for Surveillance Applications	Seree Khunchai et al.; Bundit Boonkhao	IoT

10.20–10.30	Integrating Geographic Information System and Logistic Regression for Forest Fire Susceptibility Mapping in Chom Thong District, Chiang Mai Province, Thailand	Ratchaphon Samphutthanont and Worawit Suppawimut	GIS
10.30–10.40	Detection of Radon Anomalies for Earthquake Precursors Using Statistical and Machine Learning Methods: A Preliminary Study from the Mae Chan Fault Zone, Northern Thailand	Vitsanusart Atyotha, Ing-orn Sittitanadol, Nipada Papukdee, Khanuengnij Prakhammin	Earthquake
10.40–10.50	A Conceptual Framework for Climate Risk Management Integrating Sustainability Disclosure and Catastrophe Bonds: Implications for Thailand with International Evidence	Chih-Jen Wang	Climate
10.50–11.00	Climate Risks and Long-Term Well-Being in Thailand: A Comparative Regional Environmental Geography Analysis through the Sufficiency Economy Philosophy	Yi Qu, Jirasek Trimetsoontorn, Wang Kun Chen	Climate
11.00–11.10	Integrating Fuzzy Delphi, CFA, and SEM to Develop a Disaster-Resilient Green Supply Chain Framework under ESG Contexts	Yu-Ting Chen, Jirasek Trimetsoontorn, Yi Qu, Wang Kun Chen	ESG

Room 2 (AO2), 1st Floor, Prem Music Hall**Theme:** Community Resilience, Disaster Nursing, Public Health & Disaster Education**Panel of Experts**

1. Professor Dr. Praneed Songwatthana
Session Chair
2. Associate Professor Dr. Kantaporn Yodchai
Session Committee Member
3. Lecturer Wipa Suwanrat, RN
Session Secretary

Conference Observers

1. Piyawara
Master of Ceremonies (MC)
2. Sarocha
Timekeeper
3. Sakawarat
Audio-Visual Support Officer
4. Paisol
Session Recorder
5. Assistant Professor Punnaphat Chramnanpho, RN
Technical Coordinator

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Time	Title	Presenter	Theme
09.00–09.10	Developing Systemic Management Mechanisms for Water Resource Management and Enhancing Competencies of Local Administrative Organizations and Water User Agencies: Lessons Learned	Jitraporn Somyanontanakul and Sirinon Suwanmolee	Community
09.10–09.20	The Effects of a School-Based Disaster Education Program in Improving Earthquake Preparedness among Junior High School Students in Indonesia	Junaidy Suparman Rustam, Aulia Putri, Fitrawatti	Education
09.20–09.30	Long-term Effects of Resilience and Coping Intervention on Self-Esteem Among Amphetamine Users	Kanchamon Sihapanya, Chuchart Wong-anuchit, Chanokchon Khotsombat	Resilience
09.30–09.40	Application of ADAPT-ITT Framework to Translate and Modify the Resilience and Coping Intervention (RCI) for Reducing Depression in Senior High School Students	Chanokchon Khotsombat, Santhat Phonchan, Choochart Wong-Anuchit	Education
09.40–09.50	The Thai Version of Resilience and Coping Intervention (RCI): Possibility and Suitability for Implementing in Thai Context	Choochart Wong-Anuchit, Chanokchon Khotsombat, Kanchamon Seehapanya	Resilience
09.50–10.00	Ethical Challenges Faced by Healthcare Professionals During the Phases of Flood Disaster Management: A Scoping Review	Omowale A. Odeyemi, Praneed Songwatthana	Health
10.00–10.10	Enhancing Disaster Nursing Education Through Simulation-Based Learning: A Mass Casualty Incident Experience	Malee Kumkong, Punnaphat Chramnanpho, Mukkarin Thonghom, Krittaporn Sirisom, Janisa Namsai & Fursan Binsa	Nursing
10.10–10.20	Experiences Transformative Learning of Nursing Students Participating in Flood Disaster Relief During the 2025 Hat Yai Floods, Southern Thailand: A Qualitative Study	Maropi, Punnaphat Chramnanpho, Fursan Binsa, Athipong Muneeno,	Nursing

		Hathairat Saegchan, Kittikorn Nilmanat, Samonnan Thasaneesuwan	
10.20–10.30	Validation and Reliability of the Nurses' Satisfaction with Nursing Practice in Promoting Patients' Spiritual Well-Being During Hospitalization Tool (NSNP-PSWH Tool): A Preliminary Study	Junaidy Suparman Rustam, Waraporn Kongsuwan, Samonnan Thasaneesuwan	Nursing
10.30–10.40	Spatiotemporal Analysis and Socio-Climatic Factors of Leptospirosis in Trang, Thailand (2017–2024): Implications for Climate Change Adaptation and Anti-Fragile Health Systems	Soraya Tabtiang and Vorasith Sornsrivichai	Public Health
10.40–10.50	Smart Monitoring and Community Co-learning: AI-Enabled Disaster Awareness Enhancement for Global Resilient Communities	Yu-Ting Chen, Jirasek Trimetsoontorn, Ying-Lin Wang, Wang Kun Chen	Community
10.50–11.00	Bridging Traditional Knowledge and Modern Governance: A Framework for Strengthening Earthquake Resilience in Vanuatu	Ken Mana and Takaaki Kato	Governance
11.00–11.10	The Effect of Molding Condition on Properties of Natural Rubber Sponge for Life Jacket	Weerawut Naebpetch	Innovation
11.10–11.20	Growth Performance of Naked Neck and Thai Native Crossbred Chickens Reared under a Cage Production System	Supreya Thepparak, Saowanee Lekbangpong and Wisan Odton	Special Topic