

## The 5th International Alumni Online Seminar on Disaster Prevention and Environment

Date: Saturday, March 7, 2026  
 Time: 1:00 p.m. – 4:00 p.m. (JST/UTC+9)  
 Organizer: Disaster Prevention and Mitigation Group (DPMG), Research Center for Local Resilience, Yamaguchi University  
 Co-organizer: Department of Civil and Environmental Engineering, Faculty of Engineering, Yamaguchi University  
 Venue: Zoom Meeting  
 Convener: Prof. Koichi Yamamoto, Division of International Disaster Prevention, Disaster Prevention and Mitigation Group, Research Center for Local Resilience (DPMG), and Department of Civil and Environmental Engineering, Faculty of Engineering, Yamaguchi University

### Program

JST/UTC+9	Session Activities
12:00-	Open Zoom Meeting for Speakers
12:50-	Open Zoom Meeting for General Participants
<b>13:00-13:05</b>	<b>Opening Remarks</b> <b>Prof. Koichi Yamamoto</b> , Department of Civil and Environmental Engineering, Faculty of Engineering, Yamaguchi University
<b>13:05-14:25</b>	<b>Oral Presentation Session 1</b> Chair: <b>Prof. Koichi Yamamoto</b>
13:05-13:25	1. <b><i>“Economic Evaluation of Urban Flood Protection Under Climate Change Scenarios in Colombo Metropolitan Area”</i></b> <b>Dr. Andi Besse Rimba</b> (JICA Ogata Research Institute)
13:25-13:45	2. <b><i>“The Role of Disaster Experience in School Evacuation Drill Practices”</i></b> <b>Dr. Seno B. Ajar</b> (Sebelas Maret University, Indonesia) and <b>Dr. Mega Mirasaputri Cahyanti</b> (Yamaguchi University)
13:45-14:05	3. <b><i>“Analysis of Shoreline Changes Using Sentinel-2A Satellite Images and the Digital Shoreline Analysis System (DSAS) in Klungkung Regency, Bali for the Period 2017-2025”</i></b> <b>Mr. Muhammad Hafiz Qurtubi</b> (Udayana University, Indonesia)
14:05-14:25	4. <b><i>“Tracking Peatland Drainage Canal Expansion in Indonesia from 2007 to 2023 with L-band SAR Time Series and Its Implications for CO<sub>2</sub> Emissions”</i></b> <b>Dr. Muhammad Haidar</b> (Geospatial Information Agency of Indonesia)
<b>14:25-14:35</b>	<b>Break</b>

<p><b>14:35-15:35</b></p> <p>14:35-14:55</p> <p>14:55-15:15</p> <p>15:15-15:35</p>	<p><b>Oral Presentation Session 2</b></p> <p>Chair: <b>Dr. Benjamim Hopffer Martins</b>, Lecturer, Universidae Nacional Timor Lorosa'e, Timor-Leste</p> <p>5. <b><i>“Field-Based Experimental Assessment of Soil Infiltration Characteristics and Erosion Rate Using GIS in the Hera Sub-Basin Watershed, Dili, Timor-Leste”</i></b></p> <p><b>Mr. Osvaldo da Cruz Sarmiento</b> (Universidae Nacional Timor Lorosa'e, Timor-Leste)</p> <p>6. <b><i>“Suai Expressway KM 15+200 – KM 15+600 Road-Slope Failure and Slope Stability Analysis: A Geotechnical Investigation of Bobonaro Mélange in Timor-Leste”</i></b></p> <p><b>Mr. Oktoviano Viegas Tilman de Jesus</b> (Yamaguchi University)</p> <p>7. <b><i>“Slope Stability Analysis of the Aituto Landslides along the A05 Road Based on Geological, Geotechnical and Inclinator Monitoring Data”</i></b></p> <p><b>Mr. Oktoviano Viegas Tilman de Jesus</b> (Yamaguchi University)</p>
<p><b>15:35-15:40</b></p>	<p><b>Closing Remarks</b></p> <p><b>Dr. Benjamim Hopffer Martins</b></p>
<p>15:40-16:00</p>	<p>Informal discussion time</p>