

The 3rd International Alumni Online Seminar on Disaster Prevention and Environment

Date: Saturday, March 23, 2024

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, and Glocal Environmental and Disaster Prevention Research Group, Yamaguchi University

Venue: Zoom Meeting

Convener: Koichi Yamamoto, Prof., Department of Civil and Environmental Engineering, Faculty of Engineering, Yamaguchi University

Program

JST/UTC+9	Session Activities
08:00-	Open Zoom Meeting for Speakers
08:40-	Open Zoom Meeting for General Participants
08:50-09:00	<p>Opening Remarks Prof. Motoyuki Suzuki, Director, Disaster Prevention and Mitigation Group, Research Center for Local Resilience (DPMG), Yamaguchi University</p>
09:00-09:50	<p>Invited Lecture <i>“Toward a New Phase of the Timor-Leste National University Support Project”</i> Prof. Masahiko Sekine, Professor, Department of Civil and Environmental Engineering, Faculty of Engineering, Yamaguchi University</p>
09:50-10:00	Break
10:00-12:00	<p>Special Session “Recovery Status after the Heavy Rain Disaster in Timor-Leste in April 2021” Facilitator: Prof. Masahiko Sekine, Department of Civil and Environmental Engineering, Faculty of Engineering, Yamaguchi University</p> <p><i>“Response of Yamaguchi University to the Flood Disaster in Timor-Leste in April 2021”</i> Prof. Koichi Yamamoto, Department of Civil and Environmental Engineering, Faculty of Engineering, Yamaguchi University</p> <p><i>“Outline of Flood Disaster in Timor-Leste”</i> Mr. Kesuke Ujike and Ms. Fonseca Patricia, JICA Timor-Leste Office</p> <p><i>“Mass Wasting and Flood Risk Mitigation Efforts in the City of Dili, and Existing Conditions” (video)</i> Dr. Benjamim Hopffer Martins, Lecturer, Universidade Nacional Timor Lorosa'e, Timor-Leste</p> <p><i>“Determination of Causes of the Poor Performance of Timor-Leste’s Roads and Proposals for Improvement” (video)</i> Mr. Hugo Ximenes, Lecturer, Universidade Nacional Timor Lorosa'e, Timor-Leste</p>

	<p><i>“Sedimentation Challenge and Opportunity: Harnessing of Local Sedimentation for the Construction Material”</i></p> <p>Mr. Leandro Madeira Branco, Doctoral Student, Graduate School of Sciences and Technology for Innovation, Yamaguchi University</p>
12:00-13:00	Break
13:00-14:20	<p>Oral Presentation Session 1</p> <p>Chair: Assoc. Prof. Shinichiro Nakashima, Department of Civil and Environmental Engineering, Faculty of Engineering, Yamaguchi University</p> <p>13:00-13:20 1. <i>“Timor-Leste Deforestation”</i> Fernandes Abel (Yamaguchi University)</p> <p>13:20-13:40 2. <i>“Groundwater Pollution in Production Wells of Dili City, Timor-Leste”</i> Joaninha Belo Ornai (Yamaguchi University)</p> <p>13:40-14:00 3. <i>“Coagulation Experiment of Peat Extract and Peat Ground Water”</i> Rozy Pratama and Muhammad Rizki Romadhan (Politeknik Negeri Bengkalis, Indonesia)</p> <p>14:00-14:20 4. <i>“Concurrent Impacts of COVID-19 and Natural Disasters on Shrimp Enterprises in the Southwest Coastal Region of Bangladesh”</i> Md Atikul Islam (Khulna University, Bangladesh)</p>
14:20-14:40	Break
14:40-16:00	<p>Oral Presentation Session 2</p> <p>Chair: Prof. Takahiro Osawa, Organization for Research Initiatives, Yamaguchi University</p> <p>14:40-15:00 5. <i>“Impact of In-Camera Distortion Correction on Systematic Deformation in Photogrammetry Using Structure from Motion and Unmanned Aerial Vehicle: a Case Study in Constant-Pitch Meandering Flight Design”</i> Ho Thanh Truc (Yamaguchi University)</p> <p>15:00-15:20 6. <i>“A Multi-Satellite Approach to Delineating Flood Extent and Land Cover Changes in Dili, Timor-Leste”</i> Pedro Junior Fernandes (Yamaguchi University)</p> <p>15:20-15:40 7. <i>“Mapping Flood Prone Areas Based on Geographic Information Systems and AHP (case study: Singaraja, Bali, Indonesia)”</i> Putu Edi Yastika (Universitas Mahasaraswati Denpasar, Indonesia)</p> <p>15:40-16:00 8. <i>“Smong and Tsunami Tendenko as Traditional Disaster Prevention in Indonesia and Japan”</i> Mega Mirasaputri Cahyanti (Yamaguchi University)</p>
16:00-16:05	<p>Closing Remarks</p> <p>Prof. Koichi Yamamoto, Department of Civil and Environmental Engineering, Faculty of Engineering, Yamaguchi University</p>