

## The 2nd International Alumni Online Seminar on Disaster Prevention and Environment

Date: Monday, March 7, 2022

Organizer: Center for Local Disaster Prevention and Mitigation (CLDPM), Yamaguchi University

Co-organizer: Department of Civil and Environmental Engineering, Faculty of Engineering, Yamaguchi University

Glocal Environmental and Disaster Prevention Research Group, Yamaguchi University

Venue: Zoom Meeting

Convener: Koichi Yamamoto, Assoc. Prof., CLDPM, Yamaguchi University

### Program

JST/UTC+9	Session Activities
09:30-	Open Zoom Meeting for Speakers
10:40-	Open Zoom Meeting for General Participants
<b>10:50-11:00</b>	<p><b>Opening Remarks</b>  <b>Prof. Motoyuki Suzuki</b>, Director, Center for Local Disaster Prevention and Mitigation (CLDPM), Yamaguchi University</p>
<b>11:00-12:00</b>	<p><b>Invited Lecture</b>  <i><b>“Future vision of international collaboration at Yamaguchi University”</b></i>  <b>Prof. Masato Shinji</b>, Vice-President for International Cooperation, Yamaguchi University  <i><b>“SDGs and natural disaster; poverty and income gap”</b></i>  <b>Prof. Ikufumi Tomimoto</b>, Deputy Director, Office for International Affairs Strategy, Yamaguchi Univ.</p>
<b>12:00-13:30</b>	<p><b>Special Session on Floods and Geological Disasters in Timor-Leste in April 2021</b>  Chair: <b>Prof. Masahiko Sekine</b>, Department of Civil and Environmental Engineering, Faculty of Engineering, Yamaguchi University</p>
12:00-12:30	<p><i><b>“Disaster Risk Reduction Challenges in Timor-Leste”</b></i>  <b>Dr. Benjamim Hopffer Martins</b>, Lecturer, Universidae Nacional Timor Lorosa'e, Timor-Leste</p>
12:30-13:00	<p><i><b>“Flood damage in the middle reach of the Manleuana river in Dili, Timor-Leste”</b></i>  <b>Mr. Hugo Ximenes</b>, Lecturer, Universidae Nacional Timor Lorosa'e, Timor-Leste</p>
13:00-13:30	<p><i><b>“Geological hazard and its implication for the sustainability development in Timor-Leste”</b></i>  <b>Mr. Oktoviano Viegas Tilman</b>, Vice-president, Institute of Petroleum and Geology (IPG), Timor-Leste</p>

13:30-14:20	<b>Break</b>
14:20-17:25	<p><b>Oral Presentation Session</b></p> <p>Chair: <b>Assoc. Prof. Koichi Yamamoto</b>, CLDPM, Yamaguchi University  Co-chair: <b>Mr. Taichi Ishimaru</b>, Yamaguchi University</p>
14:20-14:45	<p>1. <b><i>“Surface Deformation Monitoring Induced by Volcanic Activity of Mount Agung, Indonesia, by PS-InSAR Using Sentinel-1 SAR from 2014-2021”</i></b>  <b>Dr. I Nyoman Sudi Parwata</b> (Udayana University, Indonesia) and Prof. Takahiro Osawa (Yamaguchi University)</p>
14:45-15:10	<p>2. <b><i>“Application of GIS and Remote Sensing in Water-Related Hazard Management”</i></b>  <b>Dr. Ni Made Pertiwi Jaya</b> (Udayana University, Indonesia) and Prof. Masahiko Nagai (Yamaguchi University)</p>
15:10-15:35	<p>3. <b><i>“Automated Building Footprint Segmentation using Deep Learning for Disaster Rapid Mapping”</i></b>  <b>Mr. Muhammad Haidar</b> (Geospatial Information Agency of Indonesia &amp; The University of Tokyo) and Prof. Wataru Takeuchi (The University of Tokyo)</p>
15:35-16:00	<p>4. <b><i>“Reflection of Zhengzhou Flooding”</i></b>  <b>Ms. Mengqi Huang</b> (Yamaguchi University)</p>
16:00-16:10	Break
16:10-16:35	<p>5. <b><i>“The Role, Strategy and Policy of Plantation Development in Bengkalis Regency”</i></b>  <b>Dr. Rafiani Hasyim</b> (Plantation Agency of Bengkalis Regency, Indonesia)</p>
16:35-17:00	<p>6. <b><i>“Differences between Countries in Disaster Prevention for Water Supply System”</i></b>  <b>Mr. Shiro Jimbo</b> (Tokyo Engineering Consultants Co., LTD.)</p>
17:00-17:25	<p>7. <b><i>“Microplastic Pollution in the Marine and Riverine Environments in Yamaguchi: Abundances and Distributions, Sources-to-Sinks, and Ecological Risks”</i></b>  <b>Mr. Kabir A. H. M. Enamul</b> and Prof. Masahiko Sekine (Yamaguchi University)</p>
17:25-17:30	<p><b>Closing Remarks</b></p> <p><b>Prof. Hiroyuki Sakakibara</b>, Head, Department of Civil and Environmental Engineering, Faculty of Engineering, Yamaguchi University</p>