

**3rd Joint Seminar between Hanoi University of Civil Engineering
and Saitama University (Online)
February 24th, 2022**

Members of East Asia Sustainable Development (SD) Research, graduate students from Graduate School of Humanities and Social Sciences and Graduate School of Science and Engineering attended 3rd Joint Seminar between Hanoi University of Civil Engineering (HUCE) and Saitama University (SU) on February 24th in 2022. This seminar is jointly organized by HUCE and SU and started since 2018. The seminar allows researchers and university students to exchange the latest advances in their research fields and provides an environment that fosters new collaboration and research ideas. Especially, the objectives of the joint seminar are 1) to provide a platform for researchers and students to exchange ideas and to discuss research findings and new advances in Sustainable and Green development in Asia, 2) to enhance research collaborations in research and education among universities and industries, and 3) to provide opportunities for cultural exchanges and understanding among participants.

In the opening session of the seminar, we had a welcome address from Assoc. Prof. Nguyen Hoang Giang, Vice Rector of HUCE, guest addresses by Prof. Takaomi Shigehara, Vice President, and Prof. Hiroyuki Taguchi, Head of Research Center for Sustainable Development in East Asia of SU. As Keynote speeches, International collaborative activities and histories between SU and HUCE and Vietnam were introduced by Prof. Satoshi Iijima, Center for Research and Training on International Development of SU and a new technology for treating wastewater utilizing industrial by-product was introduced by Assoc. Prof. Tran Thi Viet Nga, Dean of Environmental Engineering Faculty, HUCE. In the technical session, a total of 8 presentations from doctoral candidates of HUCE and SU and had a fruitful discussion on the sustainable green development within East Asia, together with more than 60 seminar participants.

[Links]

HUCE Web News

<https://en.huce.edu.vn/the-4th-joint-coordination-council-jcc-meeting-of-satreps-project-and-the-3rd-joint-seminar-between-hanoi-university-of-civil-engineering-and-saitama-university-japan>



Welcome address by Assoc. Prof. Nguyen Hoang Giang, Vice-Rector of HUCE



Guest address by Prof. Takaomi Shigehara, Vice President of SU



Guest address by Prof. Hiroyuki Taguchi, Head of Research Center for Sustainable Development in East Asia, Graduate School of Humanities and Social Sciences, SU



Keynote Speech by Prof. Satoshi Iijima, Center for Research and Training on International Development, Saitama University

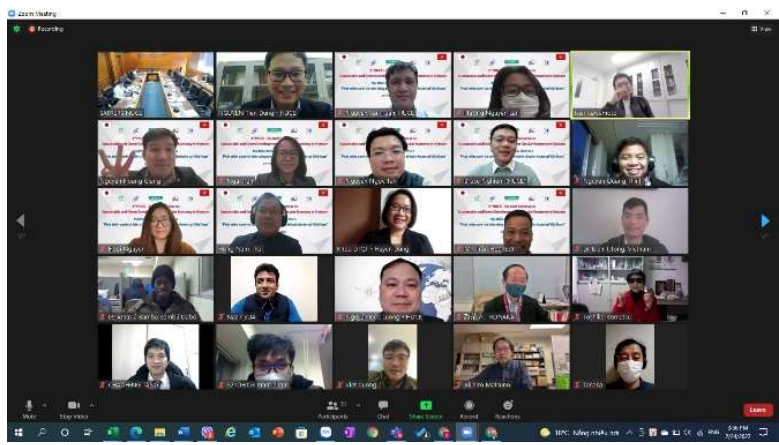


Photo of Seminar presenters and participants



Agenda on 3rd HUCE-SU Joint Seminar
Sustainable and Green Development for Circular Economy in Vietnam
 1st Floor, G3 Building, NUCE

Date : Thursday, 24th February 2022

Opening session	
11:00 – 11:05 <i>(13:00, JPT)</i>	Welcome participants on 1 st Floor, G3 Building <i>Dr. Nguyen Tien Dung, Director of International Cooperation Department, HUCE</i>
11:05– 11:10	Opening and welcome remarks: <i>Assoc. Prof. Nguyen Hoang Giang, Vice-Rector of HUCE; Director of SATREPS Project</i>
11:10– 11:15	Guest address: <i>Prof. Takaomi Shigehara, Vice President of SU</i>
11:15– 11:20	Address: <i>Dr. Nguyen Tien Dung, Director of International Cooperation Department, HUCE</i>
11:20 – 11:25	Address: <i>Prof. Hiroyuki Taguchi, Head of Research Center for Sustainable Development in East Asia, Graduate School of Humanities and Social Sciences, Saitama University</i>
11:25 – 11:55	Keynote speech: Let's strengthen further Japan-Vietnam partnership through SATREPS and follow-up projects for contributing to sustainable global environment <i>Prof. Satoshi Iijima, Center for Research and Training on International Development, SU</i>
11:55 – 12:25	Keynote speech: Application of recycled AAC in decentralized domestic wastewater treatment system for environmental protection and resource recovery

	<i>Assoc. Prof. Tran Thi Viet Nga, Dean of Environmental Engineering Faculty, Leader of Act. 1</i>
12:25 – 12:40	Break
Technical session	
12:40 – 12:50	Some mechanical properties and particle breakage characteristics of recycled concrete aggregates mixed with clay brick aggregates for base materials of urban roads in Vietnam <i>Assoc. Prof. Nguyen Van Tuan, Leader of Act. 2</i>
12:50 – 13: 00	Construction and demolition waste management in Hai Phong City, Vietnam: status and projections <i>Dr. Tong Ton Kien, Faculty of Building Materials, Leader of Act. 4; Deputy Director of SATREPS Project</i>
13:00 – 13:10	Gas transport parameters of recycled concrete aggregates with different particle sizes and initial water contents <i>Mr. Thai Hong Nam, Doctoral student, Graduate School of Science and Engineering, Saitama University</i>
13:10 – 13:20	Study on current construction and demolition waste flow of Da Nang City <i>Dr. Hoang Minh Giang, Faculty of Environmental Engineering, Member of Act.4</i>
13:20 – 13:30	Application of pervious concrete using CDW for sidewalks and parking lots in Hanoi and Hai Phong city <i>Mr. Ngo Kim Tuan, Doctoral Student, Faculty of Building Materials</i>
13:30 – 13:40	A Study on Connection Between Precast Concrete Slabs By Using Loop Joint of Steel Bar and Mortar <i>Mr. Nguyen Quang Thinh, Doctoral student, Graduate School of Science and Engineering, Saitama University</i>
13:40 – 13:50	Flexural behavior of reinforced recycled aggregate concrete beams using recycled coarse aggregates from crushed concrete and crushed brick <i>Mr. Nghiem Ha Tan, Doctoral Student, Faculty of Building and Industrial Construction</i>
13:50 – 14:00	The linkages among Chinese coal and international fossil fuel markets <i>Mr. Tang Chaofeng, Doctoral student, Graduate School of Humanities and Social Sciences, Saitama University</i>
14:00 – 14:10	Closing addresses: <i>Prof. Ken Kawamoto, Manager of SATREPS Project, Saitama University</i> <i>Assoc. Prof. Nguyen Hoang Giang, Manager of SATREPS Project, HUCE</i>