

**The Second Joint Seminar of Japan and Indonesia
Environmental Sustainability and Disaster Prevention (ESDP-2015)**
Denpasar, Indonesia – March 22nd – 24th 2015

Call for Papers

Environmental Sustainability and Disaster Prevention

The Second Joint Seminar of Japan and Indonesia
Organized by
National Institute of Technology/Gifu, Toyota, and
Numazu Colleges, Gifu University, and Toyohashi
University of Technology, Japan
and
Institute Technology Bandung, and Padjadjaran
University, Indonesia

(This seminar is partially supported by Japan Society for the Promotion of Science, JSPS, through Open Partnership Joint Seminar Program for Fiscal 2014)

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Important Information

1. Conference date: March 22 ~March 24, 2015
2. Conference venue: Denpasar, Indonesia; the hotel will be announced later.
3. Conveners:
Prof. Suprihanto Notodarmojo: Dean of Faculty of Civil and Environmental Engineering, ITB, Indonesia.
Prof. Toshihiro Kitada: President of National Institute of Technology, Gifu College (formerly, Gifu National College of Technology), Japan.
4. Dead line for full paper submission: January 25, 2015
Please prepare your full paper following to the attached template. The maximum length of the camera-ready paper is 10 pages including figures and tables.
5. The paper in word or pdf should be submitted to the following e-mail address of the Secretariat of the Seminar on Japanese side:
esdp2015@gifu-nct.ac.jp. After reviewing process, acceptance of each paper will be notified by February 6, 2015.
6. Conference Secretariat:
Prof. Kiyoshi WADA at Department of Civil Engineering, NIT, Gifu College, Japan. E-mail: wada@gifu-nct.ac.jp.
Dr. Asep Sofyan at Department of Environmental Engineering, Faculty of Civil and Environmental Engineering, ITB, Indonesia. E-mail: asepsofyan@yahoo.com

Background

In November 2011, GNCT (Gifu National College of Technology; currently, National Institute of Technology, Gifu College: abbreviated as NIT, Gifu College, Japan) and ITB (Institut Teknologi Bandung, Indonesia) concluded Academic Exchange Agreement. Since then, we, FCEE (Faculty of Civil and Environmental Engineering) of ITB and GNCT, have built up our mutual understanding of research and education at both organizations.

Based on the understanding, FCEE of ITB and GNCT and the other two NCTs of Toyota and Numazu, Japan agreed to open a joint seminar entitled “Environmental

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Sustainability and Disaster Prevention” on November 21, 2013 as an extension of the International Conference SIBE 2013 hosted by FCEE, ITB for November 19 and 20, 2013. “Environmental sustainability” and “disaster prevention” are the two major issues to which mega cities in Indonesia and Japan are facing. The first joint seminar tackling these two issues attracted more than 150 participants including graduate students of ITB, and successfully elucidated problems to be solved.

This seminar is the second one to be held by getting participation of other universities of Gifu University and Toyohashi University of Technology from Japan and Padjadjaran University from Indonesia in addition to the original members of ITB and NIT, Gifu, Toyota, and Numazu Colleges. The seminar will discuss the following topics: 1) urban planning focusing on the co-benefit of air pollution abatement and reduction of greenhouse gas emission, the optimal urban traffic system, and the energy recovery from waste treatment system, 2) management of urban water problems focusing on the flooding control, the waste water treatment and water pollution control, and the protection of coastal environment, and 3) urban infrastructures resilient against seismic disaster focusing on the steel-concrete structures, the soil foundation, and the residential buildings.

Tentative list of the seminar sessions:

(Session-1) Planning for Sustainable Urban Atmospheric Environment

(Session-2) Sustainable Transportation Systems in Urban Area

(Session-3) System Analysis/Design for Recovery of Energy from Waste in Urban Area

(Session-4) Resilient Systems for Water Resources and Management of Coastal Area under Natural Disaster

(Session-5) Sustainable Water Environment and Waste Water Treatment in Urban Area

(Session-6) Analysis and Design of Resilient Urban Structure and Building Material under Earthquake

(Session-7) Geotechnical Response of Urban Area under Seismic Waves

(Session-8) Sustainable Building Environment

We will welcome participation of many scientists and engineers from both Japanese and Indonesian sides.

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December 8, 2014

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