Opening Address from the Chairman

Welcome to the 6th Environmental Technology and Management Conference (ETMC) in conjunction with the 12th AUN/SEED-Net Regional Conference on Environmental Engineering (Rc-EnVe) 2019. This conference is organized by the Environmental Engineering, Faculty of Civil and Environmental Engineering, Institut Teknologi Bandung (ITB) – Indonesia, and co-organized with ASEAN University Network/Southeast Asian Engineering Education Development Network (AUN/SEED-Net).

This conference is the 6th of the series of the Environmental Management and Technology Conference that was held by our department. The first ETMC, previously named ETMS (Environmental and Technology Management Seminar), was initiated by Prof. Dr. Ir. Wisjnupto, Dipl. SE and was held in Bandung in 1994. I hope that in the future, ETMC will still become one of the platforms for scientists and practitioners to meet and discuss science, innovations, and solutions for the environmental problems towards a better society.

It is our great honor to welcome:

- The Minister of Environment and Forestry, the Republic of Indonesia
- The Minister of Public Works and Housing, the Republic of Indonesia
- The Minister of Energy and Mineral Resources, the Republic of Indonesia
- The Rector of Institut Teknologi Bandung, Prof. Dr. Ir. Kadarsah Suryadi DEA;
- The Dean of the Civil and Environmental Engineering, Institut Teknologi Bandung; Prof. Ir. Ade Sjafruddin, PhD;
- Prof. Yasushi Kiyoki from Keio University
- Prof. S. Vigneswaran from UT Sydney
- Prof. Fujie Koichi from Yokohama National University
- Assoc. Prof. Dr. Chart Chiemchaisri from Kasetsart University, Thailand
- Prof. Toshifumi Igarashi, Hokkaido University, Japan
- Dr. Mohan Amarasinghe from Tohoku University, Japan
- Prof. Dr. Hiroyuki Katayama from the University of Tokyo
- Prof. Shigeo Fuji from Kyoto University
- Prof. Dr. Yulinah Trihadiningrum M.App.Sc from Institut Teknologi Sepuluh November
- Prof. Dr. Ir. Setijo Bismo, DEA from University of Indonesia
- Dr. Judy Libra from Leibniz Institute for Agricultural Engineering and Bioeconomy
- Ms Sirin Chakamanont from AUN/SEED-Net
- Kamath Roopa, PT Chevron, Indonesia
- Narendra Afian, PT Astra International, Indonesia
- Keitaro Tsuji, JICA
- Prof. Dr. -Ing. Ir. Prayatni Soewondo, MS, ITB, Indonesia
- Prof. Ir. Puji Lestari, Ph.D, ITB, Indonesia
- Prof. Dr. Ir. Enri Damanhuri, ITB, Indonesia
- Dr. Ir. Tresna Dermawan Kunaefi, ITB, Indonesia
- Emenda Sembiring, ST., MT., M.Eng.Sc, Ph.D, ITB, Indonesia

- Dr. Ir. Dwina Roosmini , MS, ITB, Indonesia

to join this conference as the keynote speakers, invited speakers, and the representative from AUN/SEED-Net.

Also, I would like to express our highest appreciation to all authors and participants that are attending this conference to share knowledge and start potential collaborations towards better environment.

Today we are gathered here believing that this conference will be able to provide a platform to discuss and evaluate the latest approaches, innovative technologies, policies and new directions in infrastructure development, pollution prevention and eco-friendly technologies adapted to developing countries and to promote cooperation and networking amongst practitioners and researchers involved in addressing green infrastructure and environment issues. Also, in this conference we will have a great opportunity to share our knowledge and experience and discuss **“Towards a Smart and Green Innovations for a Safe, Resilient, and Sustainable Environment”**.

Moreover, since we are already gathered in this rare occasion, besides discussing issues related to the themes of the conference, I invite all participants to also open a prospect of initiating further collaboration and networking among us, the practitioners and researchers, in addressing infrastructure and built environment issues for our sustainability. I hope that this event will be held again in 2023 to encourage collaboration of researches and strengthen our partnership.

We are very grateful for the supports provided by:

- The Institute for Research and Community Service, Institut Teknologi Bandung (LPPM ITB)
- The Ministry of Tourism, Indonesia
- Japan International Cooperation Agency - JICA
- PT Antam Tbk
- PT Nindya Karya
- PT Astra International Tbk
- BNI
- Bank Mandiri
- PT Chevron Pacific Indonesia
- PT Difa Mahakarya
- PT Krakatau Tirta Industri
- PT Prasadha Pamunah Limbah Industri
- Kurita Indonesia
- Tohoku University
- Hokkaido University

We would like to thank you all for your active engagement in this conference. So, please enjoy the conference and thank you very much.

Bali, November 05, 2019

Prof. Dr. Ir. Mindriany Syafila, MS
Chairman ETMC & RC EnvE 2019