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Preface

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The banner features a dark blue background on the left with white and orange text, and a photograph of a woman at a podium on the right. The woman is smiling and looking towards the camera. The podium has a laptop on it. The background of the photo is a bright, modern interior.

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Preface

The International Conference on Environment, Sustainability Issues, and Community Development (INCRID) 2021 is the third annual international conference hosted by the Department of Environmental Engineering, Diponegoro University. With the theme of “Research and Innovation in Environment Towards Sustainability in Disruptive and Post-global Pandemic Situation”, this forum will promote all factors that related to environmental technology, science, education and innovation to achieve the desired sustainable development goals during this disruptive and pandemic situation. The INCRID 2021 was successfully held on 9th September 2021 in an online system where the 3rd floor of GKU, Faculty of Engineering, Universitas Diponegoro was used as conference host venue. The INCRID 2021 committees are concerned and take precautions regarding the transmission of COVID-19 (coronavirus). To maintain the health, safety, and security of the participants, the committee hold this conference through oral presentations remotely in live-streaming meetings using Zoom Application and youtube as the virtual platform (Please see this link for seeing how the virtual conference is going: <https://www.youtube.com/watch?v=VVBfCbLzVsA>). This meeting is important because the dissemination of research findings especially in the environmental science topics should be done annually, even in an virtual setting. The conference was attended by 255 participants came from 49 academic universities and institutions across the world which include as follows.

- 1) Universitas Diponegoro – Indonesia
- 2) Universitas Sebelas Maret – Indonesia
- 3) Universitas Negeri Semarang – Indonesia
- 4) Universitas Gadjah Mada – Indonesia
- 5) UIN Sunan Ampel Surabaya – Indonesia
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- 8) Universitas Andalas – Indonesia
- 9) Institute Teknologi Bandung – Indonesia
- 10) Universitas Sumatera Utara – Indonesia
- 11) Universitas Surabaya – Indonesia
- 12) Universitas Islam Agung (UNISSULA) – Indonesia
- 13) Universitas Negeri Padang – Indonesia
- 14) Universitas Indonesia – Indonesia
- 15) Institut Teknologi Kalimantan – Indonesia
- 16) Institut Teknologi Adhi Tama Surabaya – Indonesia
- 17) Centre of Industrial Pollution Prevention Technology (BBTPPI) – Indonesia
- 18) Center for Pulp and Paper, Ministry of Industry of the Republic of Indonesia – Indonesia
- 19) National Research and Innovation Agency Republic of Indonesia – Indonesia
- 20) Universitas Trisakti – Indonesia
- 21) Universitas IPB – Indonesia
- 22) Universitas Pendidikan Sultan Idris – Indonesia
- 23) Universitas Pasundan – Indonesia
- 24) Universitas Jenderal Soedirman – Indonesia
- 25) Institute Teknologi Sepuluh Nopember – Indonesia



- 26) Universitas Mahasaraswati Denpasar – Indonesia
- 27) Politeknik Indonesia Venezuela – Indonesia
- 28) Universitas Abulyatama – Indonesia
- 29) Insan Cendekia Mandiri Univeristy – Indonesia
- 30) Balai Besar Teknologi Pencegahan Pencemaran Industri – Indonesia
- 31) Visvesvaraya Technological University – India
- 32) University of Hyderabad – India
- 33) Makere University – Uganda
- 34) Ndejje University – Uganda
- 35) Frères Mentouri Constantine 1 University – Algeria
- 36) Skikda University – Algeria
- 37) Khenchela University – Algeria
- 38) HSE Department, Cooperation Petroleum – Egypt
- 39) University of Antananarivo – Madagascar
- 40) Hassan II Institute of Agronomic and Veterinary Medicine – Morocco
- 41) Department of Public Health Services, Ministry of Health – Gambia
- 42) Toyohashi University of Technology – Japan
- 43) Keio University – Japan
- 44) Kansai University – Japan
- 45) The University of Kitakyushu - Japan
- 46) National Central University – Taiwan
- 47) National Taiwan University – Taiwan
- 48) Queensland University of Technology – Australia
- 49) Sultan Idris Education University – Malaysia

The invited speakers for plenary sessions are as follows: Prof. Majeti Naramsiha Vara Prasad (University of Hyderabad, India), Prof. Takanobu Inoue (Toyohashi University of Technology, Japan), Prof. Ashanta Goonetilleke (Queensland University of Technology, Australia), Prof. Hsin-Hsin Tung (National Taiwan University, Taiwan), Prof. Dr. Ir. Purwanto, DEA (Diponegoro University, Indonesia), and A. Suko Widigdo, S.T., M. Eng. (Director of Operations I PT Adhi Karya (Persero) Tbk). Each of them are given 25 minutes to talk and 10 minutes to discussion. During the presentation, the committee share the link for collecting the questions from the audiences which can be seen from this link: <https://app.sli.do/event/lzwhmoea/live/questions>.

In the parallel sessions, there are 10 breakout rooms where 10-13 presenters were delivering their speech. The presenters were given 10 minutes of research presentation and 5 minutes of question and answer session. The participants could join the rooms by confirming to the committee which rooms they like. During the online meeting, the forum were still interactive where each of the presenter and audience have a nice discussion and exchange their knowledge. The parallel session also attract many potential research collaboration especially in the environmental science, engineering, education, and health research field. Most of the papers are sent to IOP Conference Series: Earth and Environmental Science for publication. The proceeding includes some topics of environmental science and system. The manuscripts are peer-reviewed by some researchers who are coming from many countries and expert in the environmental research field.

The committee wants to acknowledge the participants including the keynote speakers, presenters, reviewers, moderators, and also viewers who coming to this conference. The committee also acknowledge to the IOPP as the main publisher of our conference proceedings. We hope that the readers can gain many new and interesting scientific knowledge from the manuscripts which are published. The committee also wants to apologize for all of the mistakes that make unpleasant situation during the conference and also the published papers.

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