

PAPER • OPEN ACCESS

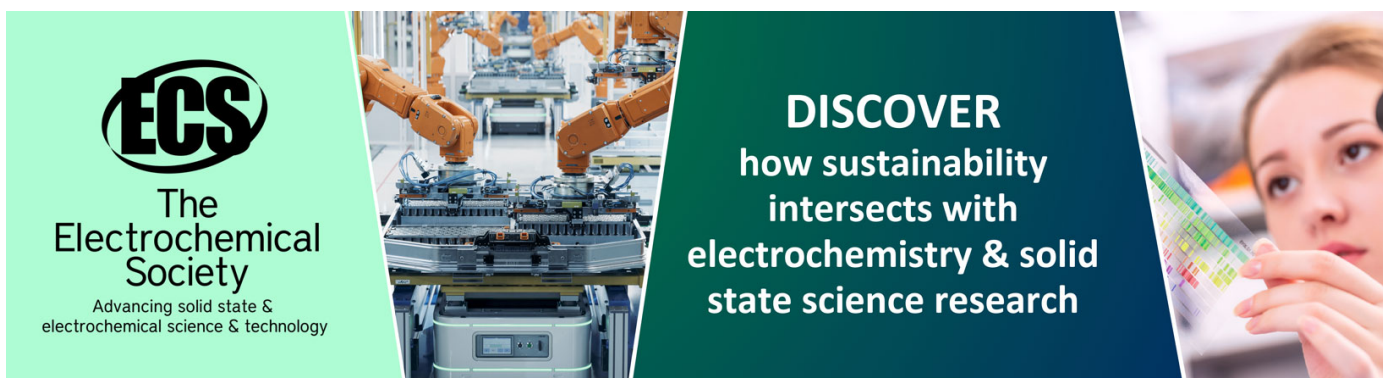
## Preface

To cite this article: 2021 *IOP Conf. Ser.: Earth Environ. Sci.* **940** 011001

View the [article online](#) for updates and enhancements.

You may also like

- [Welcome address](#)  
Hiroshi Yasuoka
- [23rd National Symposium on Plasma Science & Technology \(PLASMA-2008\)](#)  
V K Mago, P V Ananthapadmanabhan, D S Patil et al.
- [Preface](#)



## Preface

This year, Journal of Environmental Science and Sustainable Development (JESSD) is proud to hold its second international virtual symposium, featuring world-class speakers and editors worldwide. We were incredibly honored to have invited Prof. Christopher Silver, Ph.D., FAICP from College of Design, Construction, and Planning, University of Florida, Gainesville, Florida, USA; Mari E. Mulyani, D.Phil. from University of Oxford, Oxford, United Kingdom; Prof. Rotimi Williams Olatunji from School of Communication, Lagos State University, Nigeria; Prof. Svetlana Drobyazko from Open International University of Human Development, Kyiv, Ukraine; Prof. Marinela Panayotova from Departement. of Chemistry, University of Mining and Geology, Bulgaria; Anita Bernardus from APRIL Group; Ir. Maya Tamimi, M.Sc. from Unilever Indonesia; Dr. Yuki M. A. Wardhana from PT Penjaminan Infrastruktur Indonesia; and Dr. Taufan Madiasworo, ST, MT from Deputy Director of Integration on Settlements Infrastructure Management, Directorate General of Human Settlements, Ministry of Public Works and Housing.

The symposium was held in virtual format due to related restrictions during COVID-19 pandemic. I appreciate everyone's participation in the second JESSD Symposium: International Symposium of Earth, Energy, Environmental Science, and Sustainable Development, despite the restrictive situation caused by the global COVID-19 pandemic. Instead of being postponed, this symposium was conducted virtually to response to emerging issues mainly related to earth science, energy, environmental science, and sustainability. Moreover, this symposium also facilitates the publications of qualified research on COVID-19 to contribute to the global response towards the pandemic situation.

This symposium is slightly different with previous symposium and conference held last year. By making the best use of development in telecommunication platforms, we are able to gather virtually to share our insights and progresses covering numerous subjects ranging from: the broad earth science, energy, and environmental science, to more specific topics on Sustainable Development Goals (SDGs), and the special issues of COVID-19 Research as well as Community Engagement for Better Environment. This symposium utilized Zoom and Youtube, a widely known cloud-based video conferencing tool, as its telecommunication platform.

The symposium was held on 25-26 September 2021. Committees are based in School of Environmental Science, Universitas Indonesia, Jakarta, Indonesia. We are aware that a virtual setup will not provide the same experience as an on-site symposium. However, it is in our nature as researchers to be undeterred by new challenges. The opportunity to host this event virtually allows us to facilitate cross-borders discussion and collaboration at lower cost and less impact on the environment through reducing carbon footprint. We have invited some prominent speakers from various regions to provide lectures on a wide range of environmental researches. In addition, we have also invited world-class speakers and editors to help with your scientific publication process. The participants (presenters) are coming from 18 different countries all around the world, including: UEA, Bangladesh, Pakistan, Malaysia, Russia, Tajikistan, Vietnam, Japan, Thailand, Chile, India, Bulgaria, Nigeria, the United Kingdom, and Indonesian cities. Participant (presenter) numbers are 246.



We are glad that we received lots of submissions from the symposium and selected a bunch of high-quality papers and compiled them into the proceedings after reviewed them using the double-blind peer review procedure. The symposium is considered successful. Signal loss and some technical issues happened during parallel sessions but had been well and quickly addressed by technical assistants, without causing any significant delay. I express my deep gratitude to the editors: Editors committee: Dr. Ahyahudin Sodri, Dr. Herdis Herdiansyah; Prof. Shabbir H Gheewala, D. Eng; Mari E. Mulyani, D.Phil; Dr. Stefanie Steinebach; Prof. Dr. Ing. Ir. Misri Gozan, M.Tech; Prof. Dr. Djoni Hartono; Ratih Dyah Kusumastuti, Ph.D; Dr.rer.nat. Rino Rakhmata Mukti, S.Si., M.Si; Teguh Dartanto, Ph.D and Jamal Khatib, B.Eng., M.Eng.(Sc.), Ph.D and Committees: Dr. Herdis Herdiansyah (Chairman); Nur Muthi'ah R Ridwan, S.T.P; Arty Dwi Januasi, S.Si., M.Si; Azhari Ridha Darmawan S.Hut; Nadhilah Zhafirah, S.K.L; Akia Kevin Muliansyah Athallah; Adinda Afifah Damayanti; Hairunisa; Hendro Putra Johannes, M.Si; Nurul Rusdayanti, S.Si, M.Si and Azhar Firdaus, M.Si. for their time, hard work, and contribution to support this symposium during this challenging time.

I would like to take this opportunity also to express my gratitude for our sponsors, PT Riau Andalan Pulp and Paper (April Group), Induk Koperasi Kepolisian Negara Republik Indonesia (Inkopol), PT Arlindo Grafimedia, PT Unilever Indonesia Tbk., Bank BRI, PT Penjaminan Infrastruktur Indonesia, PT. Meares Soputan Mining, PT. Merdeka Copper Gold, and Greenera Consulting for conducting the joined session. Last but not the least, we send our sincere thanks to the IOP publisher for publishing the proceedings.

Jakarta, 25 September 2021  
Editor-in-Chief,

Dr. Herdis Herdiansyah