




# Call For Paper

All information about conference available at [icon-beat.umm.ac.id](http://icon-beat.umm.ac.id)

## 2<sup>nd</sup> ICoN-BEAT

### International Conference 2021

on Bioenergy and Environmentally Sustainable Agriculture Technology

This year the conference was held in a **blended meeting** (combination of offline and online conference)

#### Publication

Selected papers will be submitted and published on **E3S** (Environment, Energy and Earth Sciences) Web of Conferences Series, indexed by Scopus and Scimago.

Only top high quality selected papers will be considered to be sent to journal indexed by Scopus with extra fee.



#### INVITED SPEAKERS



**Dr. Dadan Kusdiana**  
Director-General of Renewable Energy and Energy Conservation, Indonesia



**Prof. Didiok Hadjar Goenadi**  
Indonesian Research Institute for Biotechnology and Bioindustry, Indonesia



**Prof. Hiroyuki Sakakibara**  
Department of Biochemistry and Applied Bioscience University of Miyazaki, Japan



**Assoc. Prof. Andrew Barnes**  
School of Biological Sciences The University of Queensland, Australia



**Assoc. Prof. Juris Burlakovs**  
Department of Water Management Estonian University of Life Science, Estonia



**Assoc. Prof. Zane Vincevica Gaile**  
Department of Environmental Science University of Latvia, Latvia



**Ir. Henik Sukoroni, MP., Ph.D**  
University of Muhammadiyah Malang Indonesia

#### Subthemes

Bioenergy	Biomass, Biogas, Biofuels, Energy Plant, Life Cycle Assessment, Rural Development, Advanced Energy Technologies, and Other renewable energy related subtopics
Environmentally Sustainable Agriculture	Animal Science, Plant Science, Fisheries Science, Forestry, Food Science, Sustainable Agribusiness & Economics, Eco-design & Eco-efficiency, Ecology & Biodiversity Conservation, Efficient Use of Resources, Environmental Impact Assessment, Environmental Policy, Planning & Regulation, Pollution Control

#### Registration Fee

	Registration	Publication	Total
Local	IDR 750.000	IDR 2.500.000	IDR 3.250.000
International	USD 100	USD 225	USD 325

Discount fee 20% for student and co-Host partners.

#### Important Dates

Online Registration : April 30<sup>th</sup>, 2021  
 Full Manuscript Submission : May 31<sup>st</sup>, 2021  
 Notification of Acceptance : June 7<sup>th</sup>, 2021  
 Payment Complete : July 5<sup>th</sup>, 2021  
 Conference : July 28<sup>th</sup>-29<sup>th</sup>, 2021

#### Venue

**RAYZ UMM HOTEL**  
Jl. Raya Sengkaling No.1, Malang, Jawa Timur, Indonesia

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**EVENT PARTNERS**      **ACADEMIC PARTNERS**      **PUBLICATION & INDEXING**















## **PREFACE: the 2<sup>nd</sup> ICoN - BEAT 2021**

On behalf of the organizing committee of the 2<sup>nd</sup> International Conference on Bioenergy and Environmentally Sustainable Agriculture Technology (ICoN - BEAT 2021). It is an honor and delight to welcome all participants to this conference, which will be held on July 28 and July 29, 2021. The conference theme is "Bioenergy and Environmentally Sustainable Agriculture Technologies: Toward Food, Energy and Water Sovereignty," organized by the Faculty of Agriculture and Animal Science, University of Muhammadiyah Malang, Indonesia.

The organizing committee of the 2<sup>nd</sup> ICoN - BEAT 2021 apologized because, in the last week before D-Day, it changed the conference format to totally online – virtual by Zoom due to the increasing level of COVID-19 attacks in Indonesia. Two main topics have been discussed, *i.e.*, bioenergy and other renewable energy and environmentally sustainable agriculture. This conference will positively influence and contribute to developing the academic field.

Supporting two main topics, the 2<sup>nd</sup> ICoN - BEAT invited five experts in the fields of energy, environment and agriculture from Indonesia, Japan, Latvia, and Poland. The speakers are Dr. Dadan Kusdiana (Director General of New, Renewable Energy and Energy Conservation, Jakarta), Prof. Dr. Didiek Hadjar Goenadi (Indonesian Research Institute for Biotechnology and Bioindustry, Bogor), Prof. Hiroyuki Sakakibara (Department of Biochemistry and Applied Bioscience, University of Miyazaki, Japan), Assoc. Prof. Zane Vincēviča-Gaile (Department of Environmental Science, University of Latvia, Latvia), Assoc. Prof. Juris Burlakovs (The Mineral and Energy Economy Research Institute of the Polish Academy of Sciences, Poland), and Assoc. Prof. Henik Sukorini (University of Muhammadiyah Malang)

We are proud of the number of participants who have already sent the paper, about 98 presenters. After a rigorous selection process, the Scientific & Editorial Board of the 2<sup>nd</sup> ICoN - BEAT 2021 decided to publish 38 articles in E3S Web of Conferences, an open-access proceeding in environment, energy, and earth sciences, managed by EDP Sciences, Paris, France, and indexed on Scopus, Scimago, Conference Proceedings Citation Index-Science (CPCI-S) of Clarivate Analytics's Web of Science, DOAJ (Directory of Open Access Journals), ProQuest (part of Clarivate), and six other International Indexing Body.

The Proceeding of the 2<sup>nd</sup> ICoN - BEAT 2021 consists of 38 selected papers, amounting to 36 articles, which were the results of joint research by Indonesian and overseas scholars. In the collaboration research, 97 institutions were involved, 15 of which were from abroad Indonesia. The overseas institutions are from Algeria, China (PRC), Estonia, India, Japan, Jordan, Latvia, Malaysia, Pakistan, Poland, Sweden, Taiwan (ROC), Thailand, the United Kingdom, and Vietnam.

Each paper submitted in the E3S Web of Conferences was reviewed by at least two experts using the double-blind system. The published articles have passed all necessary improvement requirements under the Web of Conferences standard, reviewer's comments, SI (*Système International d'Unités*), similarity tests by the Turnitin program (with the highest threshold of 20 %), 90 % of references must be at least dated from 15 years and reflected on Google, as well as editing procedure by professional editors from four countries (Indonesia, Pakistan, Lithuania, and Vietnam).

Lastly, I would like to thank you the official committees, organizing partners, and scientific & editorial board. Special thanks as well to our publication publisher partners, *i.e.*, Prof. Dr. Manar Fayiz Mousa Atoum (Jordan Journal of Biological Sciences) and Prof. Dr. Asad Jan (Sarhad Journal of Agriculture) who agreed to be a resource expert for the "scientific writing - workshop and coaching clinic", which was held as a complement to the 2<sup>nd</sup> ICoN - BEAT.

Finally, I would like to express my gratitude for your participation, and please prepare yourself to gain the treasure of knowledge from the passionate experts. Then, share the valuable enlightenment for a better future. It is my pleasure to see many of you in the 2<sup>nd</sup> ICoN - BEAT 2021 and see you again in the 3<sup>rd</sup> ICoN - BEAT 2022.

Stay safe and stay healthy in the COVID-19 pandemic.

**With warmest regards**

Malang - Indonesia, September 28, 2023

Mawlid al-Nabi -1445H



**Prof. Dr. Ir. Damat, MP., IPM**  
**Conference Chair**

**Principal Editor:** Roy Hendroko Setyobudi (Malang, IDN)

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**PS - post scriptum**

The committee and SE Board apologized because the 2<sup>nd</sup> ICoN - BEAT 2021 proceedings were published late because E3S Web of Conference, our partner publisher in 2021 and 2022, experienced suspension of Scopus assessment.



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### Youtube URL Presentation

<https://www.youtube.com/watch?v=dbnVHNOwpbo&t=7s>

<https://www.youtube.com/watch?v=SkrMI6Ww9oM>



### Youtube URL Keynote Speakers

**Dr. Ir. Dadan Kusdiana, M.Sc**

<https://www.youtube.com/watch?v=t69GbV8A-fg>

**Prof. Didek Hadjar Goenadi**

<https://www.youtube.com/watch?v=uQEwHmDzGoY>

**Prof. Hiroyuki Sakakibara**

<https://www.youtube.com/watch?v=Jd03DWIfy2Y>

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[https://www.youtube.com/watch?v=ixyZkO0p\\_As](https://www.youtube.com/watch?v=ixyZkO0p_As)

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[https://www.youtube.com/watch?v=mU\\_I DFvS1w](https://www.youtube.com/watch?v=mU_I DFvS1w)

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