



IPB University
Bogor Indonesia



Direktorat
Kajian Strategis
dan Reputasi Akademik



ITAFoS



THE 2ND INTERNATIONAL SEMINAR OF
TROPICAL BIORESOURCES ADVANCEMENT AND TECHNOLOGY
(ISOTOBAT 2025)

FINAL REPORT ISOTOBAT 2025

Bogor, 22-23 May 2025



BACKGROUND

The 2nd International Seminars on Tropical Bioresources Advancement and Technology (ISOTOBAT 2025) is a groundbreaking event exploring emerging science, innovation and technology in fostering future sustainable environments. This premier event is dedicated to advancing knowledge and understanding of tropical bioresources across various sectors including agriculture, forestry, marine, and animal sciences. The conference is designed as a multidisciplinary platform for experts, researchers, students, and enthusiasts to share insights and foster collaborations towards a sustainable and healthier future. The conference focuses on harnessing concepts, technology and business innovations across various biological resources to harmonise the way of every natural aspect for a sustainable and healthier future.

ISOTOBAT 2025 will inquire into four sub-themes: Science and Technology Innovation, Socio-economics and Business Transformation, Innovative Technologies in Bioresource Science and Engineering, and Bioresources in Natural Food and Nutrition. This conference's event offers a unique opportunity to engage with the latest trends and innovations that contribute to a sustainable and healthier future. The accepted articles will be published in the Scopus-indexed proceeding in the BIO Web of Conferences/E3S Web of Conferences.



THEME

SUSTAINABLE INNOVATION FOR TROPICAL BIORESOURCES MANAGEMENT IN THE DIGITAL ERA

THE OBJECTIVE:

The objectives of the 2nd ISOTOBAT 2025 as follow:

1. Promote innovation in tropical bioresource management for sustainable environmental practices
2. Facilitate interdisciplinary dialogue and collaboration across key sectors: agriculture, forestry, marine biology, and animal sciences
3. Highlight the role of socio-economic and business transformations in environmental sustainability
4. Showcase advancements in bioresource science and engineering technologies
5. Discuss the impact of bioresources on natural food and nutrition of improving public health.

THE PARTICIPANTS:

1. Professional
2. Academics and Researchers
3. Policy Makers

THE ADVANTAGES:

1. Peer-reviewed publications in the Scopus-indexed BIO Web of Conferences.
2. Strengthened interdisciplinary collaborations among international researchers and practitioners.
3. Increased awareness and adoption of innovative practices and technologies for the sustainable management of tropical bioresources.
4. Enhanced policy and community engagement towards sustainability and health.



THEME

SUSTAINABLE INNOVATION FOR TROPICAL BIORESOURCES MANAGEMENT IN THE DIGITAL ERA

AGRICULTURE, ANIMAL SCIENCES, AGROFORESTRY, AND AGROMARITIM TOWARDS A SUSTAINABLE ENVIRONMENT

- Animal and Veterinary
- Agriculture
- Marine biotechnology and Agromaritime
- Forestry

SOCIO-ECONOMICS AND BUSINESS TRANSFORMATION IN TROPICAL BIORESOURCES

- Socio economics
- Business

INNOVATIVE TECHNOLOGIE IN BIORESOURCE SCIENCE AND ENGINEERING

- Environment
- Basic science
- Engineering

BIORESOURCES IN FOOD AND NUTRITION FOR A HEALTHIER FUTURE

- Food Nutrition
- Health



SPEAKER

Opening Speech

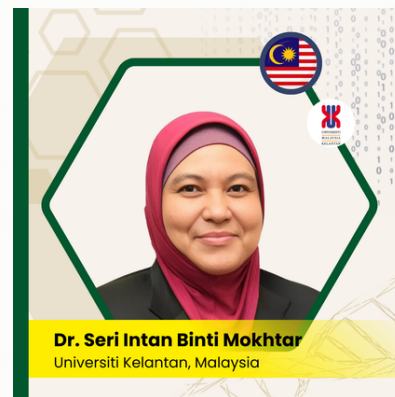


Keynote Speakers



Invited Speakers

Agriculture, Animal Sciences, Agroforestry, and Agromaritime Innovation

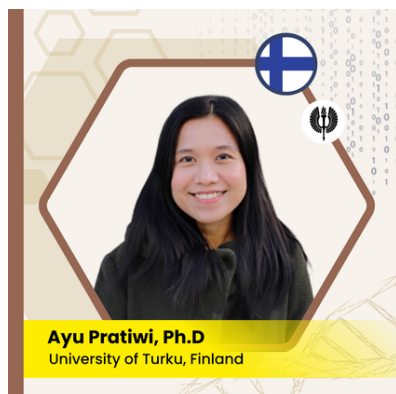


SPEAKER

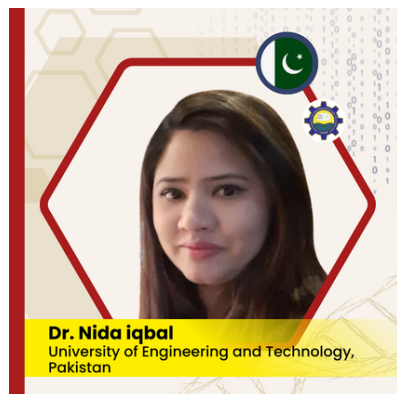
Agriculture, Animal Sciences, Agroforestry, and Agromaritime Innovation



Socio-economics and Business Transformation in Tropical Bioresources

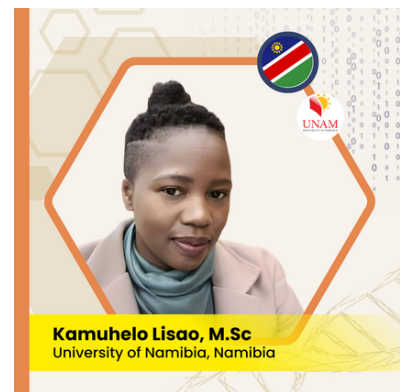


Innovative Technologies in Bioresource Science and Engineering



SPEAKER

Bioresources in Food and Nutrition for a Healthier Future



AUTHOR DISTRIBUTION

CONFERENCE



- a. Total Participant : 402 authors
- b. By Continent
 - Asia : 391 authors
 - Africa : 5 authors
 - Europe : 6 authors
- c. By Country
 - Finland : 2 authors
 - Hungary : 1 author
 - Indonesia : 375 authors
 - Malaysia : 8 authors
 - Namibia : 5 authors
 - Pakistan : 1 author
 - Poland : 3 authors
 - Taiwan : 1 author
 - Thailand : 3 authors
 - Uzbekistan : 3 authors

AUTHOR DISTRIBUTION

CONFERENCE

d. By Subtheme

- Agriculture, Animal Sciences, Agroforestry, and Agromaritime Innovation
: 162 authors
- Socio-economics and Business Transformation in Tropical Bioresources
: 73 authors
- Innovative Technologies in Bioresource Science and Engineering
: 84 authors
- Bioresources in Food and Nutrition for a Healthier Future
: 83 authors

e. By Affiliation

- IPB : 151 authors
- Non-IPB : 251 authors



AUTHOR DISTRIBUTION

FULL PAPER



- a. Total Participant : 292 authors
- b. By Continent
 - Asia : 285 authors
 - Africa : 5 authors
 - Europe : 2 authors
- c. By Country
 - Finland : 2 authors
 - Indonesia : 271 authors
 - Malaysia : 7 authors
 - Namibia : 5 authors
 - Taiwan : 1 author
 - Thailand : 3 authors
 - Uzbekistan : 3 authors

AUTHOR DISTRIBUTION

FULL PAPER

d. By Subtheme

- Agriculture, Animal Sciences, Agroforestry, and Agromaritime Innovation
: 108 authors
- Socio-economics and Business Transformation in Tropical Bioresources
: 68 authors
- Innovative Technologies in Bioresource Science and Engineering
: 51 authors
- Bioresources in Food and Nutrition for a Healthier Future
: 65 authors

e. By Affiliation

- IPB : 132 authors
- Non-IPB : 160 authors



PAPER DISTRIBUTION

1. CONFERENCE

- a. Total Paper: 97 papers
- b. By Subtheme
 - Agriculture, Animal Sciences, Agroforestry, and Agromaritime Innovation
: 42 papers
 - Socio-economics and Business Transformation in Tropical Bioresources
: 15 papers
 - Innovative Technologies in Bioresource Science and Engineering
: 19 papers
 - Bioresources in Food and Nutrition for a Healthier Future
: 21 papers

2. FULL PAPER

- a. Total Paper: 65 papers
- b. By Subtheme
 - Agriculture, Animal Sciences, Agroforestry, and Agromaritime Innovation
: 24 papers
 - Socio-economics and Business Transformation in Tropical Bioresources
: 15 papers
 - Innovative Technologies in Bioresource Science and Engineering
: 11 papers
 - Bioresources in Food and Nutrition for a Healthier Future
: 15 papers



MAIN EVENT TIMETABLE

Time (GMT +7)	Duration	Agenda			
Thursday, 22nd May 2025					
08.30–09.00	30 minutes	Verification and registration			
09.00–09.05	5 minutes	Opening ceremony by MC			
09.05–09.10	5 minutes	Pray			
09.10–09.20	10 minutes	Singing National Anthem of Republik Indonesia and IPB Hymn			
09.20–09.35	15 minutes	Welcoming speech by Rector of IPB University			
09.35–09.40	5 minutes	Introduction of Moderator			
Plenary Session					
09.40–09.45	5 minutes	Introduction of Keynote Speaker			
09.45–10.15	30 minutes	Presentation of Keynote Speaker			
Parallel session (Different zoom meeting link)					
	Video presentation + presenter attend	Agriculture, Animal Science, Agroforestry, and Agromaritime Innovation	Socio-economics and Business Transformation in Tropical Bioresources	Innovative Technologies in Bioresource Science and Engineering	Bioresources in Food and Nutrition for a Healthier Future
11.10–11.25	15 minutes	1 st Invited speaker	1 st Invited speaker	1 st Invited speaker	1 st Invited speaker
11.25–12.15	50 minutes	1 st session max 5 papers	1 st session max 4 papers	1 st session max 5 papers	1 st session max 5 papers
12.15–13.15	60 minutes	Break			
13.15–13.30	15 minutes	2 nd Invited speaker	2 nd Invited Speaker	2 nd Invited speaker	2 nd Invited speaker
13.30–14.30	60 minutes	2 nd session max 6 paper	2 nd session max 4 paper	2 nd session max 5 paper	2 nd session max 6 paper



MAIN EVENT TIMETABLE

Friday, 23rd May 2025

Plenary Session

08.00–08.30	30 minutes	Presentation of Keynote Speaker
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08.30–09.00	30 minutes	Presentation of Keynote Speaker
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Parallel session (Different zoom meeting link)

	<i>Video presentation + presenter attend</i>	Agriculture, Animal Science, Agroforestry, and Agromaritime Innovation	Socio-economics and Business Transformation in Tropical Bioresources	Innovative Technologies in Bioresource Science and Engineering	Bioresources in Food and Nutrition for a Healthier Future
09.00–09.15	15 minutes	1 st Invited speaker	1 st Invited speaker	1 st Invited speaker	1 st Invited speaker
09.15–10.45	90 minutes	1 st session max 9 papers	1 st session max 7 papers	1 st session max 7 papers	1 st session max 9 papers
10.45–13.30	165 minutes	Break			
13.30–13.45	15 minutes	2 nd Invited Speaker	2 nd Invited Speaker	2 nd Invited Speaker	2 nd Invited Speaker
13.45–14.55	70 minutes	2 nd session max 5 papers	2 nd session max 6 papers	2 nd session max 7 papers	2 nd session max 7 papers
15.40–16.10	30 minutes	Closing ceremony and announcement of best presenters			



DATE AND VENUE

The 2nd International Seminar on Tropical Bioresources and Advancement and Technology (ISOTOBAT) 2025 was held on:



Thursday-Friday, 22-23 May 2025



08.30 am - 05.00 pm



**All Participants : Online
Committees : Whiz Prime Hotel, Bogor**



Abstract Submission :
<https://conference.ipb.ac.id/index.php/isotobat/about/submissions>



Proceeding Publish :
<https://www.bioconferences.org/articles/bioconf/abs/2025/37/contents/contents.html>



IMPORTANT DATES

AGENDA	DATE
Abstract submission	01 March - 19 April 2025
Abstract Acceptance Notification	22 April 2025
Registration and Full Payment	14 March - 08 May 2025
Multimedia Submission	14 March - 08 May 2025
Pre-Conference	15 & 29 April 2025
Online Conference	22 - 23 May 2025
Post-Conference	31 May 2025
Full Paper Submission	23 May - 07 June 2025
Scopus Proceeding Submission	15 August 2025



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Founder



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Scientific Committee (SC) and Editorial Boards



Co-editor



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MODERATOR

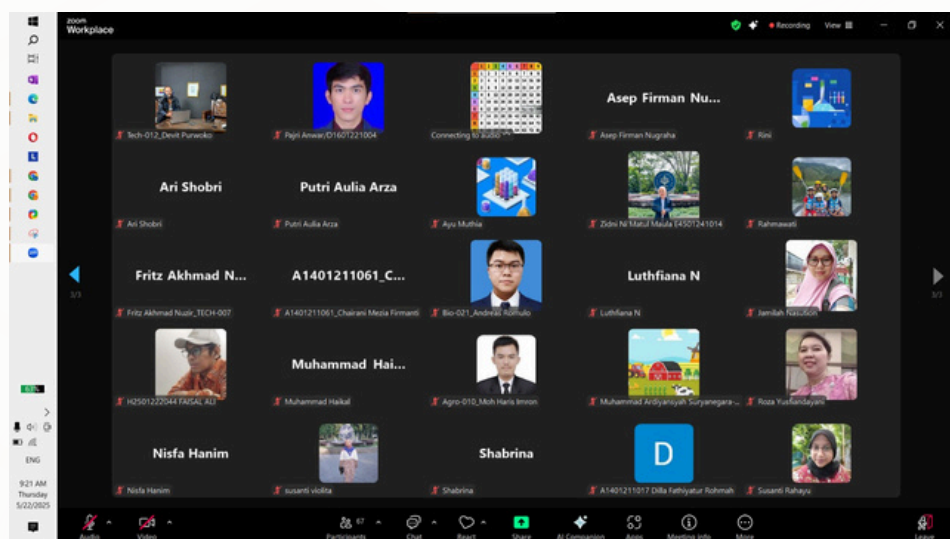
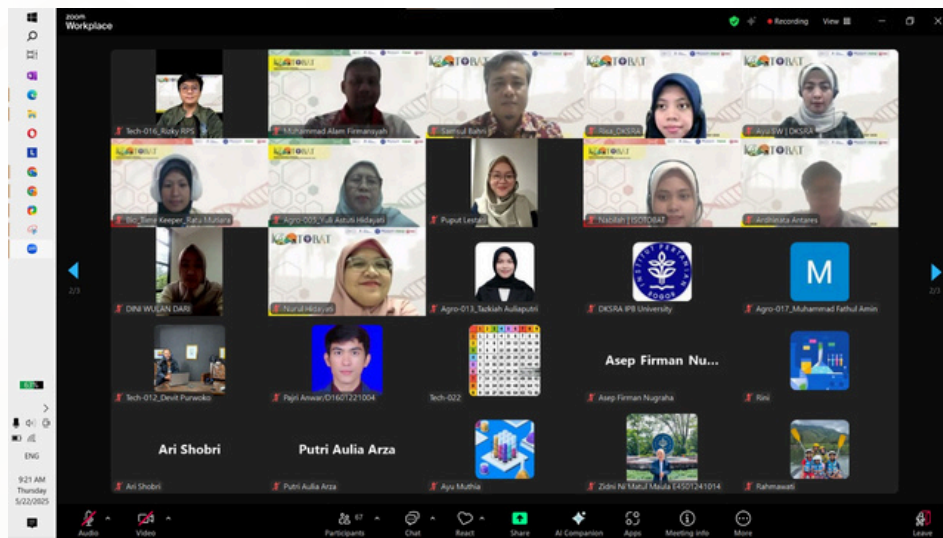
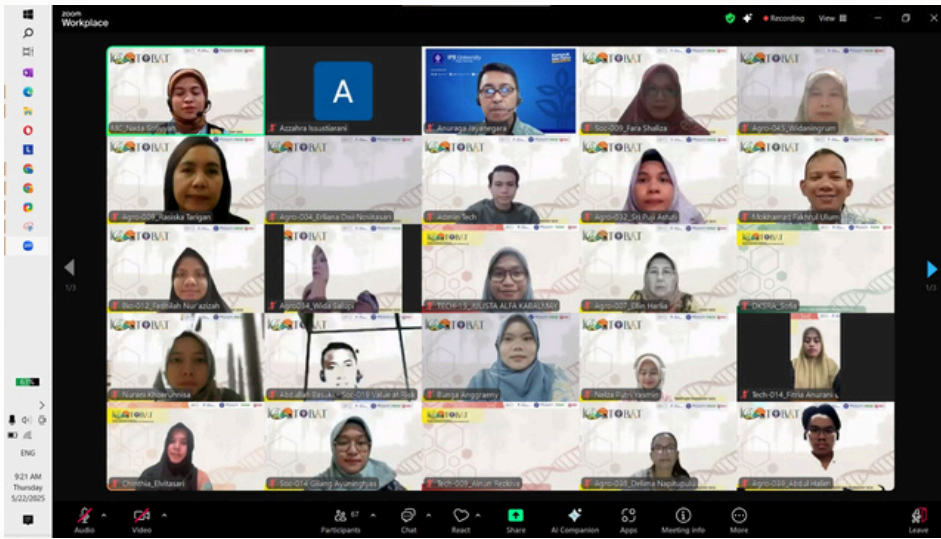
Supriyanto, S.TP., M.Kom., Ph.D.
Dr. Roza Yusfiandayani, S.Pi
Nurul Hidayati, S.E., M.Si
Muh. Firmansyah, S.TP, M.Si
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Prima Gandhi, S.P., M.Si
Maryono, S.P., M.Sc., Ph.D
Dr. dr. Mira Dewi, M.Si.

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Nadya Cakasana, S.Kel, M.Si
Dr. dr. Karina Rahmadia Ekawidyani, M.Gizi
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Zainab Ramadhanis, S.T., M.S
Ima Kusumanti., S.Pi., M.Sc
Kasita Listyarini, S.Si., M.Si
Resa Ana Dina, S.K.M., M.Epid
Prima Gandhi, S.P., M.Si
Maryono, S.P., M.Sc., Ph.D
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drh. Mokhamad Fakhrol Ulum, M.Si., Ph.D
Puput Lestari, S.E., M.Si
Risa Nur Hidayah, S.E., M.Si



DOCUMENTATION



DOCUMENTATION



ISOTOBAT
THE 2ND INTERNATIONAL SEMINAR ON TROPICAL BIORESOURCES ADVANCEMENT AND TECHNOLOGY 2025
Sustainable Innovation for Tropical Bioresources Management in the Digital Era
ONLINE | 22 - 23rd May 2025

EXTENDED!!!

KEYNOTE SPEAKER

Dr. Ir. H. Andi Amran Sulaiman, M.P. *
Indonesian Ministry of Agriculture

Prof. Christelle Hély Alleaume
Professor of Paris Sciences et Lettres University, France

Prof. Brian Yulianto, S.T., M.Eng., Ph.D.
Indonesian Ministry of Higher Education and Technology

INVITED SPEAKER AND SEMINAR SCOPE

Agriculture, Animal Sciences, Agroforestry, and Agromaritime Innovation

Socio-economics and Business Transformation in Tropical Bioresources

Innovative Technologies in Bioresource Science and Engineering

Bioresources in Food and Nutrition for a Healthier Future

EXTENDED TIMELINE

- Abstract Submission: until 19 April 2025
- Pre-Conference: 15 & 29 April 2025
- Abstract Acceptance Notification: 22 April 2025
- Registration and Full Payment: 14 March - 8 May 2025
- Media Submission: 14 March - 8 May 2025
- Online Conference: 22 - 23 May 2025
- Post-Conference: 31 May 2025
- Full Paper Submission: 23 May - 7 June 2025
- Scopus Proceeding Submission: 7 July 2025

PAPER SUBMISSION
Registration and abstract submit on

<https://ib.ac.id/isotobat2025>
Proceeding indexed by **Scopus**
BIO Web of Conferences

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REGISTRATION FEE

Registration fee for non-student presenter	300.000 IDR
Registration fee for student presenter	200.000 IDR
Registration fee for participant only, with e-certificate	100.000 IDR
Registration fee for participant only, without e-certificate	50.000 IDR / 5
Conference fee (including publication fee)	2.500.000 IDR

*under confirmation



BIO Web of Conferences Scopus
IPB University Bogor Indonesia

ISOTOBAT 2025
HYBRID CONFERENCE
WHIZ PRIME HOTEL BOGOR, INDONESIA

The 2nd International Seminar on Tropical Bioresources Advancement and Technology

Conference Proceedings
"Sustainable Innovation for Tropical Bioresources Management in the Digital Era"

DKSRA Office, IPB University
Kamper Street, IPB Dramaga, Bogor, Indonesia
conference.ipb.ac.id/index.php/isotobat



CLOSING

Throughout this international conference, we have embarked on a collective journey of discovery, learning, and the exchange of innovative ideas. Our shared commitment to fostering global cooperation, understanding, and progress has been abundantly evident.

Thank you for your attention and participation.

Bogor, February 2026
Chairman



drh. Mokhamad Fakhru Ulum, M.Si., Ph.D

