



Conference Program
International Conference on Biodiversity 2023 (IBD 2023)

“Biodiversity: Key to Better Life”

12-13 December 2023

Suan Luang Rama IX Royal Botanic Garden, Bangkok, Thailand

Day 1: Tuesday 12 December 2023

Venue: Commemoration Hall (Ratchamongkol Hall)

Time	Session
07.00 – 08.30	Registration
08.30	All distinguished guests and participants be seated in the Hall
09.00	Arrival of HRH Princess Maha Chakri Sirindhorn
09.00 – 09.30	Inaugural Address by HRH Princess Maha Chakri Sirindhorn
09.30 – 09.50	Keynote Speaker 1: “North-South Collaboration on Biodiversity Research - Targeting Flora of Thailand” by Professor Dr. Henrik Balslev, Aarhus University, Denmark and Co-Editors-in-Chief of the Flora of Thailand Project
10.00 – 10.20	Keynote Speaker 2: “Role of the Singapore Botanic Gardens in Nature Conservation” by Professor Dr. Puay Yok Tan, Group Director of Singapore Botanic Gardens, National Parks Board, Singapore
10.20 – 10.40	Break
10.40 – 11.00	Keynote Speaker 3: “Biodiversity Makes a Better Life for Thai People” by Professor Dr. Sanit Aksornkoae, Board Member of the Sirindhorn International Environmental Park and Chairman of the National Economic and Social Development Council, Thailand
11.00 – 12.30	Lunch hosted for HRH Princess Maha Chakri Sirindhorn (attended by the Executive Committee and Keynote Speakers)
12.30 – 13.30	HRH Princess Maha Chakri Sirindhorn visits the Exhibitions
13.30	Departure of HRH Princess Maha Chakri Sirindhorn
Session 1: Biodiversity and Ecosystem Conservation and Services	
14.00 – 14.30	Invited Speaker 1: “Managing and Protecting Seagrass Resources in the Tropics in the Face of Climate Change-Lessons from Research in Northern Australia” by Dr. Robert G Coles, James Cook University, Australia
14.30 – 15.00	Invited Speaker 2: “Importance of Squirrels as Pollinators in Asia” by Dr. Shun Kobayashi, University of the Ryukyus, Okinawa, Japan
15.00 – 15.15	Invited Speaker 3: “Role of Private Sector in Contributing to Biodiversity Conservation in Thailand” by Dr. Wijarn Simachaya, President Board of Thailand Environment Institute and Secretary General of Thailand Business Council for Sustainable Development

Time	Session
15.15 – 15.30	Coffee Break
15.30 – 15.45	Oral Presentations 1: "Taxonomic Revision of Genus <i>Balanophora</i> with a New Record from Thailand" by Natthapruerk Sakdapipanish, Mahidol Wittayanusorn School, Thailand
15.45 – 16.00	Oral Presentations 2: "The Benthic Macroalgae of Eastern Siargao Island: Checklist, Diversity, Abundance, Distribution and Community Structure" by Tricia Joy C. Torres, Mindanao State university-Iligan Institute of Technology, Philippines
16.00 – 16.15	Oral Presentations 3: "Morphological and Genetic Analysis of Stingrays in the Telatrygon Complex in Thai Waters" by Titirat Meejan, Burapha University, Thailand
16.15 – 16.30	Oral Presentations 4: "Chracterization of the Potential <i>Amycolatopsis</i> Novel Species, 505 and CM201R, Isolated from the Pharmaceutical Plant Roots, <i>Cissampelos pareira</i> and <i>Caryota mitis</i> " by Darika Kongrit, Prince of Songkla University, Thailand
16.30 – 16.45	Oral Presentations 5: "The Results and the Development of Learning Curriculum on Biodiversity and Cultural Heritage of Eastern Thailand" by Artnarong Manosuttirit, Burapha University, Thailand
	Chairman: Professor Dr. Savitree Limtong, Director, Biodiversity Center Kasetsart University Rapporteur: Professor Dr. Somsak Panha, Director, Center of Excellence on Biodiversity, Chulalongkorn University
17.00 – 18.00	Poster Presentation Session
18.00 – 19.30	Welcome Reception

Day 2: Wednesday 13 December 2023

Venue: Commemoration Hall (Ratchamongkol Hall)

Time	Session
08.00 – 09.00	Registration
	Session 2: Biodiversity and Climate Change
09.00 – 09.30	Invited Speaker 1: "Mangrove Plantation at Abandoned Shrimp Ponds and New Mud-Flat Areas for Restoration of Biodiversity and Climate Change Countermeasure" by Professor Dr. Shigeru Kato, Seikei University, Japan
09.30 – 09.45	Oral Presentation 1: "The Role of EGAT towards Climate Change and Biodiversity Targets" By Tawatchai Sumranwanich, Assistant Governor-Power Plant Planning, Electricity Generating Authority of Thailand (EGAT)
09.45 – 10.00	Oral Presentation 2: "EGCO Group Pathway towards Climate Change and Biodiversity Targets" By Worapong Sinsukthavorn, Senior Vice President-Corporate Planning, Electricity Generating Public Company Limited (EGCO)

Time	Session
10.00 – 10.15	Coffee Break
10.15 – 10.30	Oral Presentations 3: "Blue Carbon in Seagrass Ecosystems of Thailand" by Anchana Prathep, Prince of Songkla University, Thailand
10.30 – 10.45	Oral Presentations 4: "Resilient Coral Communities on Underwater Pinnacles to Climate Change in the Gulf of Thailand" by Thamasak Yeemin, Ramkhamhaeng University, Thailand
10.45 – 11.00	Oral Presentations 5: "Resilient Blue Carbon: Adaptive Strategies for Securing the Blue Carbon Potential of Mangrove Ecosystems" by Michael Jenke, Kasetsart University, Thailand
11.00 – 11.15	Oral Presentations 6: "Pollination Services are Resilient to an Extreme Climatic Event and Mitigate Crop Yield Declines" by Kedar Devkota, Agriculture and Forestry University, Nepal
11.15 – 11.30	Oral Presentations 7: "Forest Carbon Stock Assessment along the Sumagaya-Pamalhi Mountain Raing (KSSP), Misamis Oriental, Philippines" by Jaime Q. Guihawan, Mindanao State university-Iligan Institute of Technology, Philippines
	Chairman: Professor Dr. Siritwat Wongsiri, Academy of Science, Royal Society of Thailand Rapporteur: Associate Professor Dr. Thamasak Yeemin, Department of Biology, Faculty of Science, Ramkhamhaeng University
11.30 – 13.00	Lunch
Session 3: Biodiversity and BCG Economy Models	
13.00 – 13.30	Invited Speaker 1: "Making Sustainability Sustainable" by Dr. Suvit Maesincee, Former Minister of Higher Education, Science, Research and Innovation, Thailand
13.30 – 14.00	Invited Speaker 2: "Sustainability in Action: Mangroves as Eco-engineers" by Professor Dr. Gordon S. Maxwell FRSB, Hong Kong Metropolitan University, Hong Kong
14.00 – 14.30	Invited Speaker 3: "Payment for Ecosystem Services (PES) as a Green Economy Incentive Mechanism to Conserve Habitats and Biodiversity" by Professor Dr. Donald J. Macintosh, International Union for Conservation of Nature: Mangroves for the Future, Scotland
14.30 – 14.45	Oral Presentations 1: "Thai Universities' Roles and Responsibilities in BCG Economy: The Contribution of U2T Projects in Isaan and Future Directions" by Mahinthorn Pothiwan, Rajabhat Maha Sarakham University, Thailand
14.45 – 15.00	Oral Presentations 2: "Food Waste Habitat: A Trove for the Study of Yeast Communities and Its Application" by Varunya Sakpuntoon, Kasetsart University, Thailand
15.00 – 15.15	Oral Presentations 3: "Optimization of Bioactive Compound from Black Sugarcane Rind by Ultrasound-Assisted Extraction Using Response Surface Methodology"

Time	Session
	<p>by Nicha Asadatorn, Chulalongkorn University, Thailand</p> <p>Chairman: Associate Professor Dr. Napavarn Noparatnaraporn, Board member, Suan Luang Rama IX Royal Botanic Garden Foundation and Director, NRCT Center for Environmental Research Utilizations</p> <p>Rapporteur: Dr. Tanit Changthavorn, Deputy Executive Director, Biodiversity-Based Economy Development Office</p>
15.15 – 15.30	Coffee Break
Session 4: Biodiversity and International Collaboration	
15.30 – 17.00	<p>Plenary Discussion</p> <ol style="list-style-type: none"> 1. Professor Dr. Chen Lihong, Secretary General of Asian Apiculture Association, China 2. Professor Dr. José Paulo Sampaio, Universidade NOVA de Lisboa, Portugal 3. Dr. Theresa Mundita S. Lim, Executive Director of ASEAN Centre for Biodiversity, The Philippines 4. Dr. Wijarn Simachaya, Chairman of the Board of Directors of Thailand Biodiversity-Based Economy Development Office, Thailand Greenhouse Gas Management Organization and President of Thailand Environmental Institute <p>Moderator: Dr. Rapee Boonplueang, Chairman of Biology Department, Faculty of Science, Mahidol University, Thailand</p>
17.00 – 17.30	Closing Ceremony