

Innovative Mechanisms for Environmental Sustainability: 2025 International Symposium on Biodiversity Credit

Red Building Conference Room,
Xitou Nature Education Area, the Experimental Forest, NTU
July 1-3, 2025

| Time (UTC+08:00) | | Tuesday, July 1 | |
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| 12:00–13:00 | | Registration | |
| 13:00–13:40 | Opening Ceremony | <p>*Bunun Traditional Cultural Performance (Lo-Na Elementary school)</p> <p>*Opening Remarks</p> <p>Dr. Chi-Min PENG Minister, Ministry of Environment</p> <p>Prof. Wen-Chang CHEN, President, National Taiwan University</p> <p>Prof. Yu-Pin LIN, Dean, College of Bioresources and Agriculture, National Taiwan University</p> <p>Mr. Jens NIELSEN, CEO, World Climate Foundation</p> <p>Prof. Ming-Jer TSAI, Director, The Experimental Forest, College of Bioresources and Agriculture, National Taiwan University</p> | |
| Keynote Speech | | | |
| 13:40–14:20 | <p><i>Carbon Credits vs. Biodiversity Credits: What Lessons Can Be Learned from Carbon Credits?</i></p> <p>Dr. Wen-Chen SHIH Deputy Minister, Ministry of Environment</p> | | <p>Prof. Chun-Han KO, Professor, School of Forestry & Resources Conservation, College of Bioresources and Agriculture, National Taiwan University</p> |
| 14:20–15:00 | <p><i>Concept and Methodology of Biodiversity Credits</i></p> <p>Prof. Tzung-Su DING Head, School of Forestry & Resources Conservation, College of Bioresources and Agriculture, National Taiwan University</p> | | |
| 15:00–15:10 | | Asian Biodiversity Credit Alliance MOU Signing Ceremony | |
| 15:10–15:30 | | Group Photo and Coffee Break | |
| Taiwan's Bio-Credit and Environmental Sustainability: Policies and Practices | | | |
| 15:30–15:50 | <p><i>A Cobenefit Based PPP Mechanism for Sustainable Agriculture Policy in Taiwan</i></p> <p>Dr. Lao-Dar JUANG, Director-General, Department of Resources Sustainability, Ministry of Agriculture</p> | | <p>Prof. Koichiro KURAJI, Director, Executive Office, The University of Tokyo Forests</p> |
| 15:50–16:10 | <p><i>Taiwan Biodiversity Conservation and Research Status</i></p> <p>Pro. Jia-Dong YANG, Director, Taiwan Biodiversity Research Institute of the Ministry of Agriculture</p> | | |
| 16:10–16:30 | <p><i>Scaling Up: How Asia is Pioneering Its Own Biodiversity Credit Framework</i></p> <p>Mr. George HU, Regional Representative, World Climate Foundation, Regional Representative, Asia</p> <p>Mr. Kevin SUN, General Manager, General Manager, BioPlus</p> <p>Prof. Ming-Jer TSAI, Director, The Experimental Forest, College of Bioresources and Agriculture, National Taiwan University</p> | | |
| 16:30–16:50 | <p><i>H.NbS in Action: Fieldwork Experiments for Sustainable Transformation and Green Finance</i></p> <p>Dr. Wender YANG, Chairperson, HIMA Foundation</p> | | <p>Professor. Jose V. CAMACHO, Jr., Chancellor, University of the Philippines Los Baños</p> |
| 16:50–17:10 | <p><i>Mainstreaming Biodiversity in Taiwan: NBSAP, Spatial Planning, and Policy Pathways toward Sustainability</i></p> <p>Dr. Chih-Chin SHIH, Senior Technical Specialist, Nature Conservation</p> | | |

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| | Planning Division, Forestry and Nature Conservation Agency, Taiwan | |
| 17:10–17:30 | <i>Methodology Framework for Alpine Reforestation Biodiversity Credit</i> Dr. Chieh-Ting WANG , Associate Research Fellow, The Experimental Forest, College of Bioresources and Agriculture, NTU | |
| 17:30–17:50 | <i>How Technology Can Enhance Biodiversity: A Case Study of Delta's Coral Restoration Project</i> Dr. Wim. CHANG , Chief Executive Office, Delta Electronics Foundation | |
| 17:50–18:10 | General Discussion | Dr. Chiang WEI , Deputy Director, The Experimental Forest, College of Bioresources and Agriculture, National Taiwan University |
| 18:10-19:30 | Banquet (Success Banner Hotel Restaurant) | |
| 19:30~ | Gathering and Discussion | |
| Time (UTC+08:00) | Wednesday, July 2 | |
| 07:30–08:30 | Breakfast | |
| 08:30–08:50 | Registration | |
| | Keynote Speech | |
| 08:50–09:30 | <i>From Climate to Biodiversity and Nature: Inclusive Corporate Sustainability</i> Ms. Sophia CHENG Chair of Asia Investor Group on Climate Change, Chief Investment Officer, Cathay Financial Holdings | Prof. Prateep DUENGKAE , Dean, Faculty of Forestry, Kasetsart University |
| 09:30–09:50 | Coffee Break | |
| | The Current Status of Biodiversity Credit, Biodiversity, and Forest Management in Achieving Net-Zero Across Asian Countries Sub-theme 1: MRV of Bio-Credit, Case Study of Bio-Credit or Forest Biodiversity Sub-theme 2: The Role of Forest Management in Achieving Net-Zero | |
| | The Current Status of Biodiversity Credit, Biodiversity, and Forest Management in Achieving Net-Zero in Taiwan, Japan, and Korea | |
| 09:50–10:10 | <i>Building Biota Taiwanica: Integrating Taiwan's Biodiversity Databases for Environmental Sustainability and Conservation</i> Dr. Kuo-Fang CHUNG , Research Fellow, Biodiversity Research Center, Academia Sinica, Taiwan | Prof. PHUA Mui How , Professor, Faculty of Tropical Forestry, Universiti Malaysia Sabah |
| 10:10–10:30 | <i>The Potential and Limits of Ecosystem Carbon Sinks: What Can We Expect from Forests and Soils?</i> Dr. Po-Neng CHIANG , Research Fellow, The Experimental Forest, College of Bioresources and Agriculture, NTU | |
| 10:30–10:50 | <i>Lessons from Carbon Credits for the Future of Biodiversity Conservation: The Role of Marketization of Environmental Rights in Environmental Policy</i> Prof. Hiromichi FURUIDO and Ms. Yukino SAKAI , Professor and Master student, Laboratory of Forest Policy, Department of Forest Science, Graduate School of Agricultural and Life Sciences, The University of Tokyo | |
| 10:50–11:10 | <i>Estimation of carbon storage in the University of Tokyo Forests</i> Dr. Masahiro AIBA , Assistant Professor, Forest GX/DX Co-creation Center, The University of Tokyo Forests, Graduate School of Agricultural and Life Sciences, The University of Tokyo | Prof. Upul SUBASINGHE , Dean, Faculty of Applied Science, University of Sri Jayewardenepura |

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| 11:10–11:30 | <i>Introduction to Seoul National University Forests and Biodiversity</i> Prof. KANG Kyu-Suk , Professor, Seoul National University Forests | |
| 11:30–11:50 | <i>Insect Fauna of Korea</i> Prof. PARK Il-Kwon , Professor, Department of Agricultural, Forestry and Bioresources, Seoul National University | |
| 11:50–12:50 | Lunch (Cafeteria) | |
| The Current Status of Biodiversity Credit, Biodiversity, and Forest management in Achieving Net-Zero in Vietnam, Indonesia, and the Philippines | | |
| 12:50–13:10 | <i>Estimating and Comparing Species Richness Using Mark-Recapture Framework: A Case Study with Avian Communities in Different Forest Types in Vietnam</i> Prof. VU Tien Thinh , Dean, Faculty of Natural Resource and Environmental Management, Vietnam National University of Forestry | Prof. KAMATA Naoto , Professor, The University of Tokyo Chiba Forest, Graduate School of Agricultural and Life Sciences, University of Tokyo Forests |
| 13:10–13:30 | <i>Beyond Forest Net-Zero: Vietnam's Forests as a Carbon Solution</i> Dr. DUONG Thi Bich Ngoc , Senior Lecturer/Researcher, Faculty of Natural Resource and Environmental Management, Vietnam National University of Forestry | |
| 13:30–13:50 | <i>Pathogen Impact on Forest Biodiversity in the Tropics</i> Prof. Sri RAHAYU , Head, the Laboratory of Health and Protection, Faculty of Forestry, Universitas Gadjah Mada | |
| 13:50–14:10 | <i>Biodiversity of Tropical Forests to Achieve Bioenergy Security</i> Dr. Sigit SUNARTA , Dean, Faculty of Forestry, Universitas Gadjah Mada | Prof. KANG Kyu-Suk , Professor, Seoul National University Forests |
| 14:10–14:30 | <i>UPLB's Commitment to Sustainability: Collaborative Efforts and Innovative Solutions</i> Prof. Jose V. CAMACHO, Jr. , Chancellor, University of the Philippines Los Baños | |
| 14:30–14:50 | <i>UPLB's University Forests as Sustainable Sanctuary: Protecting Biodiversity through Nature-Based Initiatives</i> Dr. Lerma SJ MALDIA , Associate Professor, Department of Forest Biological Sciences, College of Forestry and Natural Resources, University of the Philippines Los Baños | |
| 14:50–15:10 | Coffee Break | |
| The Current Status of Biodiversity Credit, Biodiversity, and Forest management in Achieving Net-Zero Zero in Sri Lanka, Malaysia, and Thailand | | |
| 15:10–15:30 | <i>From Hotspot to Credit Market: Exploring Biodiversity Credit Potential in Sri Lanka's Forests</i> Prof. Upul SUBASINGHE , Dean, Faculty of Applied Science, University of Sri Jayewardenepura | Dr. Sigit SUNARTA , Dean, Faculty of Forestry, Universitas Gadjah Mada |
| 15:30–15:50 | <i>Unlocking Biodiversity Credit Potential in Sri Lanka's Aquatic and Agro-Ecosystems Kid regards</i> Dr. G. G. T. CHANDRATILAKE , Director, Center for Sustainability, Department of Forestry and Environmental Science, University of Sri Jayewardenepura | |
| 15:50–16:10 | <i>Towards Forest Carbon Net-Zero in Malaysia: Remote Sensing of Carbon Stocks</i> Prof. PHUA Mui How , Professor, Faculty of Tropical Forestry, Universiti Malaysia Sabah | |
| 16:10–16:30 | <i>The Development of Biodiversity Credit in Thailand</i> Dr. Nantida SUTUMMAWONG , Lecturer, Faculty of Forestry, Kasetsart University | Prof. VU Tien Thinh , Dean, Faculty of Natural Resource and Environmental Management, Vietnam National University of Forestry |
| 16:30–16:50 | <i>The Carbon Sink Potential of Forest and Other Land Uses in the Carbon Neutrality of Thailand</i> Prof. Sapit DILOKSUMPUN , Associate Professor, Faculty of Forestry, | |

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| | Kasetsart University | |
| 16:50–17:10 | General Discussion and Closing Ceremony | Prof. Ming-Jer TSAI, Director of the Experimental Forest, College of Bioresources and Agriculture, National Taiwan University |
| 17:10–18:30 | Depart for Heshe Tract, The Experimental Forest, NTU | |
| 18:30–20:00 | Dinner | |
| 20:00~ | Gathering and Discussion | |
| Time (UTC+08:00) | Thursday, July 3 | |
| 07:30–08:30 | Breakfast | |
| | Excursion (exclusive for speakers) | |
| 08:30–09:30 | Visit Ethnobotany and Agri-Food Education Center, The Experimental Forest, NTU | |
| 09:30–10:30 | Depart for Chi-Chi | |
| 10:30–11:30 | Visit Taiwan Biodiversity Research Institute of the Ministry of Agriculture | |
| 11:30–12:40 | Lunch | |
| 12:40– | Depart for Taoyuan Airport or HSR Taichung Station | |

環境永續的創新機制-2025 國際生物信用研討會報名專用 QR code，請直接掃描填寫 goole 表單報名。

