



International Conference on Biodiversity (IBD2019)

22-24 May 2019

Centara Grand & Bangkok Convention Centre at CentralWorld, Bangkok

Draft program

Thursday 23 May 2019	
Parallel Session 11	
Impacts of climate change on biodiversity across scales	
Chair:	Dr. Wirong Chanthorn, Kasetsart University, Thailand
Co-Chair:	Ms. Anuttara Nathalang, National Center for Genetic Engineering and Biotechnology, Thailand
13.30 – 13.45	Monitoring remotely tropical forest diversity and structure By Dr. Maxime Rejou-Mechain Agricultural Research for Development (CIRAD-IRD), France
13.45 – 14.00	Response characteristics of dry dipterocarp forest to El Niño in Thailand: results from multi-spatial scale observations By Dr. Amnat Chidthaisong King Mongkut's University of Technology Thonburi (KMUTT), Thailand
14.00 – 14.15	Forest ecosystems in a warmer world By Dr. Hyungwoo Lim Swedish University of Agricultural Sciences, Sweden
14.15 – 14.30	Spatiotemporal variation of net radiation over the different ecosystem in Mainland Southeast Asia By Dr. Sitthisak Moukomla Geo-Informatics & Space Technology Development Agency (GISDA), Thailand
14.30 – 14.45	Species traits inform migratory bird's response to climate change By Dr. Nantida Sutummawong Thaksin University, Thailand
14.45 – 15.00	Possible effects of climate change on recruitment of the wild rambutan tree <i>Nephelium melliferum</i> on the Mo Singto plot, Khao Yai National Park, Thailand By Dr. Warren Y. Brockelman National Center for Genetic Engineering and Biotechnology (BIOTEC), Thailand
15.00 – 15.15	Coffee Break
15.15 – 15.30	Linking sap flow to canopy fluxes By Dr. Pantana Torngern Chulalongkorn University, Thailand
15.30 – 15.45	Invitation to forest canopy ecology: global scale collaboration opportunities By Dr. Akihiro Nakamura Xishuangbanna Tropical Botanical Garden (XTBG), Chinese Academy of Sciences, P.R. China

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15.45 – 16.00	Variation in beta-diversity with microclimate across scale: cases from Bryophytes By Dr. Ekaphan Kraichak Faculty of Science, Kasetsart University, Thailand
16.00 – 16.15	Mapping above-ground biomass to monitoring changes under perceived impacts of climate change in Thailand By Mr. Narin Jaroonrattanapak Department of National Parks, Wildlife and Plant Conservation, Thailand
16.15 – 16.30	Seasonal dynamics of carbon dioxide, water vapour and energy fluxes over a dry dipterocarp forest in Phayao, Northern Thailand By Dr. Montri Sanwangsri University of Phayao, Thailand
16.30 – 16.45	Linking plant hydraulic traits with drought induced mortality By Assoc. Prof. Dr. Yajun Chen Xishuangbanna Tropical Botanical Garden (XTBG), Chinese Academy of Sciences, P.R. China
16.45 – 17.00	How changes in nitrogen availability affect the cycling of carbon in forests By Dr. Niles Hasselquist Swedish University of Agricultural Sciences, Sweden
17.00-17.30	Panel discussion: Advances in climate change and long-term ecological research in Thailand—how we move forward?