

PERSONAL INFORMATION

Yongyut Trisurat



Office address: Department of Forest Biology, Faculty of Forestry, Kasetsart University, 50 Ngamwongwan Road, Chatuchak, Bangkok 10900, Thailand

Tel: 66 (0) 2579-0176 Mobile: 66 (0) 8492-6623

Email: fforyyt@ku.ac.th

CURRENT POSITION

Full Professor of Forest Biology Department, Faculty of Forestry
(Former Director of Biodiversity Center, Kasetsart University and Head of Department of Forest Biology, Faculty of Forestry)

EDUCATION

- | | |
|-----------|---|
| 1994-97 | Doctor of Technical Science (Natural Resources Conservation)
Asian Institute of Technology, Bangkok, Thailand (awarded the Royal Thai Government Scholarship)
▪ Dissertation title: Spatial-ecological Impact of the Proposed Dam Construction in Khao Yai National Park, Thailand |
| 1989-1990 | M.Sc. (Interdisciplinary Natural Resources Development and Management)
Asian Institute of Technology, Bangkok, Thailand (awarded the Japanese Scholarship)
▪ Thesis title: Management Plan of Phu Rua National Park, Including Remote Sensing and GIS Techniques |
| 1981-1985 | B.S. (Forestry)
, Faculty of Forestry, Kasetsart University, Bangkok, Thailand
▪ Field of study: Watershed management |

INTERNATIONAL CONTRIBUTIONS

- | | |
|------------|---|
| /2023-2026 | Member of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) Bureau for the Asia-Pacific Region |
| 2023-2025 | Regional Project Manager of the Promoting Quality Timber Production in Smallholders and Community-based Teak and Other Valuable Species Plantations in the Asia-Pacific and West Africa (Cambodia, India, Indonesia, Thailand, Vietnam and Togo) or the ITTO-BMEL Teak Project Phase II funder by the Federal Germany Ministry of Food and Agriculture and the International Tropical Timber Organization |
| 2023-2025 | Scientific Committee of the Ecosystem Restoration and Carbon neutrality Program (Global-ERCaN), Chinese Academy of Sciences (CAS), China |
| 2023-2024 | Project Manager of the ITTO Project "Promotion of Sustainable Domestic Consumption of Wood Products in Thailand" funder by the Forestry Agency of Japan |

- 2023-2024 Thailand's Project Leader of the joint research project on sharing and utilizing mangrove forest data (Korea, Vietnam and Thailand) funded by the National Institute of Ecology (NIE of Republic of Korea)
- 2023 Chair of the 8th International Hornbill Conference (IHC) held at the Faculty of Forestry, Kasetsart University in Bangkok, Thailand from 22-24 May 2023.
- 2022 Co-chair of the 13th International Long-term Ecological Research East Asia-Pacific Regional Network (EAP-ILTER EAP) conference held at the Faculty of Forestry, Kasetsart University in Bangkok, Thailand on 10 May 2022
- 2021 Chair of the Scientific Committee of the International Long-term Ecological Research East Asia-Pacific Regional Network (EAP-ILTER), Bangkok
- 2019-2022 Regional Project Manager of the ITTO "Enhancing Conservation and Sustainable Management of Teak Forests and Legal and Sustainable Wood Supply Chains in the Greater Mekong Sub-region (Cambodia, Laos, Myanmar, Thailand and Vietnam) " funder by the Federal Ministry of Food and Agriculture, Germany
- 2023 Co-chair of the 8th International Hornbill Conference held in Bangkok, Thailand
- 2021 Co-chair of the 13th International Long-term Ecological Research East Asia-Pacific Regional Network, Bangkok
- 2020-present Co-chairs of the Asia and the Pacific Biodiversity Observation Network (APBON)
- 2020-present Representative of East-Asia and the Pacific for Key Biodiversity Areas (KBAs)
- 2022 Lead-editor (Yongyut TRISURAT, Hwan-ok MA, Tetra YANUARIADI, Promode KANT, and P.K. THULASIDAS KU). Teak in Mekong for Sustainable Future. Kasetsart University, Bangkok, Thailand, International Tropical Timber Organization, Yokohama, Japan and TEAKNET, Kerala, India. 360 p.
- 2022 Visiting Professor at the University in Brno, the Faculty of Forestry and Wood Technology in Brno, Czech Republic (14 days)
- 2022 Chair of the "1st International Ecological School (IES) 2022" held at the Faculty of Forestry, Kasetsart University in Bangkok, Thailand during 29 October 2022 – 6 November 2022
- 2018 -present Member of APFNet Project Appraisal Expert panel
- 2016-present Chair of Scientific Committee, International Long-term Ecological Research Network for Asia and the Pacific (ILTER-EAP)
- 2019-2021 Coordinating Lead Author (CLA): UN IPCC AR6 WGII
- 2017 IPCC AR6 Scoping Expert
- 2014- 2016 Lead Author (LA) IPBES: The methodological assessment report on Scenarios and Models of Biodiversity and Ecosystem Services
- 2013-2014 CLA: UNEP Global Environmental Outlook 6 (Asia and the Pacific Region)
- 2006-present National Coordinator, International Long-term Ecological Research East Asia-Pacific Regional Network
- 2001 Co-chair of the 8th International Long-term Ecological Research East Asia-Pacific Regional Network, Bangkok

INTERNATIONAL CONSULTANT/ADVISOR

ADB, FAO, DANCED, GIZ, IUCN, Mekong River Commission (MRC), UNEP, WWF

NATIONAL CONTRIBUTIONS

- 2020 - present National Board Member of Thailand National Committee on the World Heritage Convention
- 2019-present A member of Thailand's National Committee for the Conservation and Sustainable Use of Biodiversity
- 2019-2020 Chief Advisor for the preparation of National Wildlife Management and Conservation Master Plan, Department of National Parks, Wildlife and Plant Conservation, Ministry of Natural Resources and Environment
- 2017-present Technical Advisor for the Thailand's National Research Council
- 2016-present Technical Working Member of Thailand's Mekong River Committee

2014 -present	Member of Civil Services Expert Panel for Career Promotion
2017-2019	National Board Member of Thailand's National Parks Committee
2017-2019	National Board Member of National Strategy on Natural Resources and Environmental Committee

Visiting professor/Scholar

April 2022	Mendel University in Brno, Czech Republic (invited by the University President) <ul style="list-style-type: none"> Global Forestry (international graduate students of the Faculty of Forestry and Wood Technology)
October 2015	Mendel University in Brno, Czech Republic (invited by the University President) <ul style="list-style-type: none"> Global Forestry (international graduate students of the Faculty of Forestry and Wood Technology)
May 2014	University of Natural Resources and Life Sciences, Austria (awarded the ASEA-UNINET Staff Exchange Program) <ul style="list-style-type: none"> Land use and Climate Change Impact on Watershed Services in Tropical Ecosystems
February 2010	University of Leeds, UK (funded by the British Council) <ul style="list-style-type: none"> Climate change and adaptation
October – November 2013	University of Turku, Finland, (awarded the Erasmus Mundus EXPERTIII, EU) <ul style="list-style-type: none"> Ecohydrology in Tropical Ecosystems
October – November 2012	University of Göttingen, Germany (awarded the German Academic Exchange Service: DAAD) <ul style="list-style-type: none"> Biodiversity and climate change
August-October 2005	University of Hawaii and East-West Center, Hawaii, USA (awarded the US Fulbright Fellowship) <ul style="list-style-type: none"> Biodiversity conservation and forested landscape planning in the tropics
August 1995- February 1996	Freie University Berlin, Germany (awarded the German Academic Exchange Service: DAAD) <ul style="list-style-type: none"> Remote sensing and GIS

ADDITIONAL INFORMATION

Research and professional interests	Biodiversity conservation, forest landscape ecology, climate change, ecosystem services, land use and species modelling
Completed research projects	2019-2022 Assessment of adaptation measures to climate change and development of co-design method (funded by JICA) 2019-2020 Digital Atlas of Forest Trees and Wildlife in Thailand (co-funded by Thailand Research Fund and Chinese Academy of Sciences) 2018-2020 Spatial Planning for Protected Areas in Response to Climate Change (SPARC) funded by GEF 2016-2017 Defining optimum forest area in Nan Province for maintain Ecosystem Services (funded by BEDO)

2015-2016	Ecosystem services (water yield, sediment and nutrient retention and carbon sequestration) (funded by the Mekong River Commission-MRC)
2015	Assessing impacts of climate change on forest ecosystem and wildlife distribution in Tung Yai-Huai Kha Khaeng World Heritage Site (funded by National Research Council, Thailand)
2013-2014	Assessing impacts of climate and land use changes on ecosystem services in tropical forest ecosystems, Thailand jointly funded by Kasetsart University and GIZ
2012-2014	Elephant ecology, population, health and wildlife-human conflicts at Salakpra Wildlife Sanctuary, Kanchanaburi Province funded by Kasetsart University
2011-2012	Assessment of impacts and responses of mammals in forest ecosystems to future climate change: Northern Thailand (Project Leader)
2009-2010	Improving Thailand's capacity to predict possible future impacts of global climate change on its forest biodiversity and take preventative measures (collaborative research project between Kasetsart University and University of Leeds funded by UK Prime Minister Initiatives (PMI) 2 Connect – Research Co-operation Award) (Project Leader)
2009	Downscaling global climate data for assessing the impact of climate change on dipterocarpus species in Peninsular Thailand (collaborative research project between Kasetsart University and AIT) (Project Leader)
2008-2010	Ecosystem services of deciduous forest at Sakaerat Environmental Research Station, Nakhon Ratchasima Province funded by Kasetsart University (Project Leader)
2008-2009	Plant species vulnerability to climate change during 2000-2100 in Southern Thailand funded by the National Research Council of Thailand (NRCT) (Project Leader)
2008	Climate change impacts on tropical rain forests funded by The National Research Council of Thailand (Project Leader)
2007 – 2008	Modeling species distribution to evaluate the effectiveness of protected areas in Thailand funded by the Netherlands Environmental Assessment Agency (MNP) (Project Leader)
2005-2008	Forest restoration and rehabilitation in Southeast Asia (FORRSA) funded by EU Asia Link Program (participating countries include Finland, Germany, Denmark, Indonesia and Thailand) (Project Member)
2004-2008	Status and distribution of hornbills in fragmented habitat in Thailand funded by National Center for Genetic Engineering and Biotechnology (BIOTEC), Thailand (Project Member)
2003 - 2009	Long-term ecological research project at Sakaerat Environmental Research Station funded by the Kasetsart University Research and Development Institute (Project Leader)

Advisor/Consultancy Works With International Organizations or Projects

Agency	Position	Duration	Main Responsibilities
Department of National Parks, Wildlife and Plant Conservation	Project Leader	2020-present	Preparation of management Plan for Mae Wong-Khlong Lan National Parks and Nomination Dossier to include Mae Wong-Khlong Lan National Parks as extension areas to the Thung-Yai and Huai Kha Khaeng World Heritage Site
Department of National Parks, Wildlife and Plant Conservation	Project Leader	2019-2020	Preparation of Draft master Plan for Administration and Management of Wildlife, Wildlife Sanctuary and Non-hunting Area
International Tropical Timber Organization (ITTO) "Project Enhancing Conservation and Sustainable Management of Teak Forests and Legal and	Regional Project Manager (Thailand, Cambodia, Laos, Myanmar,	2019-2022	<ul style="list-style-type: none"> •Take overall responsibility of activity planning and implementation at regional level •Facilitate the establishment and development of the national and international contacts needed •Closely coordinate implementation with ITTO, five participating countries and consultants

Sustainable Wood Supply Chains in the Greater Mekong Sub-region	Vietnam)		<ul style="list-style-type: none"> •Coordinate, supervise and monitor the progress of technical and administrative activities •Assist in the organization of workshops, training events, and consultation processes •Supervise the preparation of technical report and/or activity documents Prepare progress report and financial reports
FAO Regional Office for Asia and the Pacific "Project Case study on incentives for sustainable wetland agriculture and water management in Asia"	Consultant	2020-2021	<ul style="list-style-type: none"> • Prepare a case study report on best practices and incentives for sustainable wetland agriculture and water management for Thailand • Prepare policy recommendations on the incentives, based on the case study results • Provide inputs and jointly develop a proposal for the follow-ups (policy recommendations and mobilizing resources)
Mekong River Commission (MRC)	Consultant for Basin-wide Assessment of Climate Change in Lower Mekong Basin	2017-2018	Contribute a report on species and ecosystem vulnerability assessment in the consolidated report on ecosystem service assessment and ecoregion assessment.
International Tropical Timber Organization (ITTO) "Project Trans-boundary Biodiversity Conservation"	Project Leader and Local GIS Consultant	2008 – 2012	Develop GIS databases of the Emerald Triangle Protected Forests Complex to Promote Trans-boundary Biodiversity Conservation between Thailand, Cambodia and Laos Project (Phase II)
World Wild Fund for Nature (WWF-Thailand Program) Project Participatory Wetland Management"	Wetland Planning Consultant	2008-2009	Facilitate and prepare participatory strategic plan of two Ramsar sites in Thailand
The Mekong River Commission-GTZ Project	Training Specialist (Integrated Watershed Management Planning)	2007	Conduct training needs assessment for multi-stakeholders at national, regional and local levels on integrated watershed management
World Wild Fund for Nature (WWF-Thailand Program)	Wetland GIS Specialist	2006-2007	Develop wetland GIS database of two Ramsar sites
Joint Management of Protected Areas (JoMPA – funded by DANIDA)	GIS Specialist	2004-2006	Develop GIS databases; and conduct training sessions on GIS strategic protected area management plans of pilot sites (WEFCOM and 5 PAs) for park officials
Protection and Management of Wetland Project – MPW (funded by DANIDA)	Senior Advisor and Local GIS Advisor	Feb 03 – 2006	Develop wetland GIS databases; and facilitate multi-stakeholders to formulate strategic wetland management plan of the Nong Bong Kai Ramsar Site in Chiang Rai Province, northern Thailand; Develop 3 manuals on Wetland Ecological Characters, Wetland GIS Database using AWI Approach, and Participatory Wetland Management Planning using Ramsar Guidelines
Asian Development Bank (ADB)	Biodiversity Specialist	2005	Formulate inception report on proposed biodiversity conservation corridor (s) initiative in Thailand and Greater Mekong Subregion (GMS)
Asian Development Bank (ADB)	Domestic Environmental Specialist	2004-2005	Assess the performance of national strategies on environmental management (SEFII)
International Tropical Timber Organization (ITTO)	Project Formulation Consultant	2004	Formulate project proposal on the Emerald Triangle Protected Forests Complex to Promote Trans-boundary Biodiversity Conservation between Thailand, Cambodia and Laos Project (PPFC Phase II)
Western Forest Complex for Ecosystem Management Project (funded by DANIDA)	GIS Specialist	2000-2004	Develop GIS databases; formulate ecosystem-based management zones of the Western Forest Complex (17 protected areas); and conduct GIS training
International Tropical Timber Organization	Project Leader and Local GIS	2002-2004	Develop GIS databases of the Pha Taem Protected Forests Complex to Promote Trans-boundary Biodiversity Conservation between

(ITTO)	Consultant		Thailand, Cambodia and Laos Project
Asian Development Bank (ADB)	Domestic Environmental Consultant	2002	Review and assess environmental database 6 GMS countries; develop GIS Data Collection and Management Guidelines

Selected Publications/Scientific Articles after 2010

Journal articles (Selected)

- Trisurat, Y.; Sutummawong, N.; Roehrdanz, P.R.; Chitechote, A. 2023. Climate Change Impacts on Species Composition and Floristic Regions in Thailand. *Ecological Research. Diversity* **2023**, *15*, 1087. <https://doi.org/10.3390/d15101087>.
- Radek Michalko, Tomáš Hamřík, Ondřej Košulič, Chaowalit Songsangchote, Yongyut Trisurat, Klaus Birkhofer. 2023. Effects of land use and climate on web-building spiders and their prey in dry dipterocarp forests. *Forest Ecology and Management*. 546. 1221366.
- Pomoim, N., **Trisurat, Y.**, Hughes, A. C., & Corlett, R. T. 2022. Can Thailand Protect 30% of Its Land Area for Biodiversity, and Will This Be Enough?. *Diversity*, *14*(5), 344
- Pomoim, N., Hughes, A. C., **Trisurat, Y.**, & Corlett, R. T. Vulnerability to climate change of species in protected areas in Thailand. 2022. *Scientific reports*, *12*(1), 1-13.
- Dilawar, A., Chen, B., **Trisurat, Y.**, Tuankruea, V., Arshad, A., Hussain, Y., ... & Sun, S. 2021. Spatiotemporal shifts in thermal climate in responses to urban cover changes: a-case analysis of major cities in Punjab. Pakistan. *Geomatics, Natural Hazards and Risk*, *12*(1), 763-793
- Kiguchi M, Takata K, Hanasaki N, Archevarahuprok B, Champathong A, Ikoma E, Jaikaeo C, Kaewrueng S, Kanae S, Kazama S, Kuraji K., ... **Trisurat, Y.**, etc. 2021. A review of climate-change impact and adaptation studies for the water sector in Thailand. *Environmental Research Letters. Environ. Res. Lett.* **16** 023004.
- Michalko, R., Košulič, O., Wongprom, P., Songsangchote, C., Saksongmuang, V., & Trisurat, Y. 2021. Reforestations of Tropical Forests Alter Interactions Between Web-Building Spiders and Their Prey. *Ecosystems*, *24*(8), 1962-1975.
- Pla-Ard, M. A. N. A. N. Y. A., Khioesree, N., Keawdee, B., Hingheng, W., Chattrakuldee, P., Pengthong, P., ... & Tasen, W. 2021. Monitoring of diversity, abundance, activity period and habitat use of wildlife species around the wildlife corridor that connects the natural world heritage site of Thailand. *Biodiversitas Journal of Biological Diversity*, *22*(11).
- Kina K.C., Bhumpakphan, N., **Trisurat, Y.***, Mainmit, N. Ghimire, K. and Subedi. M. 2020. Analysis of Potential Distribution of Tiger Habitat using MaxEnt at Chitwan National Park, Nepal. *Journal of Remote Sensing and GIS Association of Thailand* 2020; *21*(3): 1-15.
- Htoo, M.T., **Trisurat, Y.***, Hlaing, Z.C., Ma, H., and Yanuariadi, T. 2020. Putting teak in the right place. *Tropical Forest Update*, International Tropical Timber Organization (ITTO) *29*(4):9-11.
- Htoo, M.T., Mainmit, N., and **Trisurat, Y.***. 2020. Suitable Site Selection for Teak Plantations using GIS Technique at Phyu Township, Taungoo District, Bago Yoma, Myanmar. *Remote Sensing and GIS Association of Thailand Journal* 2020; *21*(2): 1-19
- Trisurat, Y., Eiadthong, W., Khunrattanasiri, W., Saengnil, S., Chitechote, A. and Maneerat, S. 2020. Systematic forest inventory plots and their contribution to plant distribution in Thailand. *Ecological Research: Data Paper*. <https://doi.org/10.1111/1440-1703.12105> (doi: 10.1111/1440-1703.12105)
- Michalko, R., Kosulic, O., Saksongmuang, V., Wongprom, P., Siripaiboon, P. and **Trisurat, Y.** 2020. The dynamics of prey predator *Gasteracantha hasselti*. *Journal of Tropical Ecology*, 3691). <https://doi.org/10.1017/S02664674200000024>.
- Srichaichana, J., **Trisurat, Y.** and Ongsomwang. 2019. Land Use and Land Cover Scenarios for Optimum Water Yield and Sediment Retention Ecosystem Services in Klong U-Tapao Watershed, Songkhla, Thailand. *Sustainability, MDPI, Open Access Journal*, *11*(10): 1-22.
- Trisurat, Y., Shirakawa, H., Johnston, J.M. 2019. Land-Use/Land-Cover Change from Socio-Economic Drivers and Their Impact on Biodiversity in Nan Province, Thailand. *Sustainability, MDPI, Open Access Journal*, *11*, 649; doi"10.3390/su11030649.
- Trisurat, Y. 2018. Planning Thailand's protected areas in response to future land use and climate change. *International Journal of Conservation Science*. *9*(4): 805-820.

15. Trisurat, Y and Bhumpakphan, N. 2018. Effects of land use and climate change on Siamese Eld's deer distribution at the transboundary conservation area between Thailand, Lao PDR and Cambodia. *Frontiers in Environmental Science*, 6:1-15.
16. Trisurat, Y., Aekakkararungroj, A., Ma, H.O. Johnston, J.M. 2018.. Basin-wide Impacts of Climate Change on Ecosystem Services in the Lower Mekong Basin. *Ecological Research (Special Issue)*. 33(1): 73-86. DOI: [org/10.1007/s11284-017-1510-z](https://doi.org/10.1007/s11284-017-1510-z)
17. Kim, E.S., Trisurat, Y., Muraoka, H et al. 2018. Review international long-term ecological research in East-Asia and the Pacific network. *Ecological Research (Special Issue)*. 33(1): 19-34. DOI: [org/10.1007/s11284-017-1523-7](https://doi.org/10.1007/s11284-017-1523-7)
18. Trisurat, Y., Eiwpanich, P. and Kalliola, R. 2016. Integrating land use and climate change scenarios and models into assessment of forested watershed services in Southern Thailand. *Environmental Research* 147: 611-620.
19. LV, T., Zhou X., Liu, C., Tao, Z. and Trisurat, Y. 2015. Dataset of mangroves in Southeast Asia (Mangrov_SEAsia_2015), Global Change Research Data Publishing & Repository, DOI:10.3974/geodb.2015.01.08.V1, <http://www.geodoi.ac.cn/WebEn/doi.aspx?DOI=10.3974/geodb.2015.01.08.V1>
20. Trisurat, Y., Kanchanasaka, B., and Holger, K. 2015. Predicting potential effects of land use and climate change on mammal distributions in northern Thailand. *Wildlife Research* 41(6), 522-536.
21. Sittichai, J., **Trisurat, Y.**, Pattanavibool, A., Pisdamkham, C., Thongsikem, S., Veerasamphan, V., Kemp, A. and Poonswad, P. 2014. Predictive distribution modeling for Rufous-necked Hornbill (*Aceros nipalensis* [Hodgson, 1829]) in the core area of the Western Forest Complex, Thailand. *The Raffles Bulletin of Zoology* 62: 12-20..
22. Trisurat, Y., Chimchome, V., Pattanavibool, A., Jinamoy, S., Thongaree, S., Kanchanasaka, B., Simcharoen, S., Sribuarod, S., Mahannop, N. and Poonswad, P. 2013. Assessing distribution and status of hornbill species in Thailand. *Oryx* 47(3): 441-450.
23. Trisurat, Y., Bhumpakphan, N., Reed, D.R. and Kanchanasaka, B. 2012. Using species distribution modeling to set management priorities for mammals in northern Thailand. *Journal for Nature and Conservation* 20:264-273
24. Trisurat, Y., Shrestha, R. and Kjellgren, R. 2011. Plant species vulnerability to climate change in Peninsular Thailand. *Applied Geography* 31: 1106-1114.
25. Trisurat, Y. and Duengkae, P. 2011. Consequences of land use change on bird distribution at Sakaerat Environmental Research Station. *Journal of Ecology and Field Biology* 34(2): 203-214.
26. Kjellgren, R., **Trisurat, Y.**, Ouangchit, L., Baguinin, N., and Yok, P.Y. 2011. Tropical street trees and climate uncertainty in Southeast Asia. *Horticulture Science* 46(2): 167-172.
27. Sripanomyom, S., Round, P.D., Savini, T., **Trisurat, Y.** and Gale, G.A. 2011. Traditional salt-pans hold major concentrations of overwintering shorebirds in Southeast Asia. *Biological Conservation* 144: 526-537.
28. Trisurat, Y., Pattanavibool, A., Gale A.G. and Reed, D. 2010. Improving the viability of large mammal populations using landscape indices for conservation planning. *Wildlife Research* 36: 401-412.
29. Trisurat, Y., Alkemade, R. and Verburg, P. 2010. Projecting land use change and its consequences for biodiversity in Northern Thailand. *Environmental Management* 45: 626-639.
30. Trisurat, Y. 2010. Land use and forested landscape changes at Sakaerat Environmental Research Station in Nakhon Ratchasima Province, Thailand, *Ekológia (Bratislava)* 29: 99-109.

Proceedings of reviewed national/international conferences (Selected)

1. Trisurat, Y. 2023. Community-based forest landscape restoration towards carbon neutrality and livelihood improvement: Thailand perspective. The first Open Science Conference and the 1st Scientific Committee workshop of Global-ERCaN, 14-16 October 2023, Chinese Academy of Science, Beijing, China.
2. Trisurat, Y. 2023. Wildlife and Climate Change. The 15th Annual Zoological Authority Seminar, 27-29 August 2023. Natural Museum, Phatunthani Province.
3. Trisurat, Y. 2023. Embedding KBAs into NBSAPs revision: Example from Thailand. Annual Philippine Biodiversity Symposium (online), 22 August 2023.
4. Trisurat, Y. 2023. Highlights of AR6 WGII Report and its implications to the Mekong region. Building Climate Resilience in the Mekong Region: Bridging Science, Policy, and Practice, hosted by the Stockholm Environment Institute (SEI) Asia Centre and Chulalongkorn University, with support from Australia's Department of Foreign Affairs and Trade (DFAT), 18th August 2023, Bangkok, Thailand.
5. Trisurat, Y. Teak in Mekong for a Sustainable Future. Side Event on "Forests of Thailand: Sustainable Teak Management". 11 May 2023. The 18th UN Forum on Forests, New York, USA.
6. Trisurat, Y. 2023. Management of the Emerald Triangle Protected Forests Complex for Transboundary Biodiversity Conservation. Side Event on "Enriching Biodiversity in Production Landscapes through Sustainable Forest Management in the Tropics". 10 May 2023. The 18th UN Forum on Forests, New York, USA
7. Trisurat, Y. 2023. Conservation and Sustainable Management of Teak Forest in Thailand. International Workshop on Enhancing Ecosystem Services by Improving Forest Quality and Productivity, and SLEM Knowledge Dissemination' from 22-24 March 2023 at Dehradun, India.
8. Trisurat, Y. 2022. Management of the Emerald Triangle Protected Forests Complex for Transboundary Biodiversity Conservation "Wildlife without Borders in the Emerald Triangle Landscape. ITTO Side Event at the 15th CBD Meeting, 15 December 2022, Montreal, Canada.
9. Trisurat, Y. 2023. Implementation of 30 x 30 Global Biodiversity Framework: Case Study from Thailand. The 14th APBON Conference and the 15th APBON Webinar, 1-2 February 2023. Fukuoka, Japan.

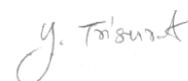
10. Trisurat, T. 2023. Data Use for International Platforms for Policies. The Asia Regional Engagement Meeting and Symposium on Open Science, and Data Use. 22-24 November 2022. GBIF and Chulalongkorn University, Bangkok, Thailand.
11. Trisurat, Y. 2022. Sustainable Teak Management for Mekong Sub-region – Teak Mekong Project Overview and Progress. 4th World Teak Conference 2022, Accra, Ghana.
12. Trisurat, Y. 2022. Earth observation contributes to integrating Nature into Economic Activities. 15th AOGEO SYMPOSIUM (online). 30 September 2022.
13. Trisurat, Y. 2022. Geo-informatics for Conservation Partnership of Sarus Crane in the Lower Mekong. Geo Virtual Symposium 2022. 3 May 2022.
14. Trisurat, Y., Chitechote, A., Vongkhamsoo, V. and Hliang, Z.C 2021. Predicted Climate Change Impact on Natural Teak Forests in the Greater Mekong Sub-region. XV World Forestry Congress (WFC 2021), 2 to 6 May 2022, Seoul, the Republic of Korea.
15. Trisurat, Y. 2021. Developing appropriate technologies for an effective monitoring of biodiversity and forest operations inside Biosphere Reserve Areas. the Workshop of "Empowering Forestry Communities in Sustainable Management of the Biosphere Reserves in the Asia Pacific Region", Bogor, West Java - Indonesia, 20 January 2022 (online).
16. Trisurat, Y. 2021. A climate-change Risk Analysis for Species and Floristic Regions in Thailand. Abstract Proceedings of the 13th International Long-term Ecological Research East Asia-Pacific Regional Network, Bangkok.
17. Trisurat, Y. 2019. Digital atlas of plant diversity in Thailand. International Symposium on Development of Integrated Network on Ecological Informations, 12-13 December 2019, Seoul, Korea. The National Institute of Ecology, Korea.
18. Trisurat, Y. 2019. Teak distribution and protected areas under land use and climate change in the Mekong Regional Workshop Regional Conference on Regional Workshop on "Enhancing Conservation and Sustainable Management of Teak Forests and Legal and Sustainable Wood Supply Chains in the Greater Mekong Sub-region. 23-24 September 2019, AFoCo, Yangon, Myanmar.
19. Trisurat, Y. 2019. Trans-boundary Biodiversity Conservation in the Emerald Triangle Protected Areas Complex in Thailand, Lao PDR and Cambodia. Cross-boundary Cooperation for Biodiversity Conservation in Asia under Global Change, 29-31 July 2019, Kaifeng, Zhengzhou. Center for Biodiversity and Conservation and Henan University
20. Trisurat, Y. 2018. Thailand Long-term Ecological Research Perspectives. International Symposium on "5th NIE Anniversary: Development of Integrated Network on Ecological Informations, 26-28 November 2018, Seochon, Korea.
21. Trisurat, Y. 2018. Digital Atlas of Plant and Wildlife Diversity in Thailand. Workshop on Science and Technology Cooperation: From biodiversity to bio-economy, 1-3 November 2018, Shanghai, China.
22. Trisurat, Y. 2018. Protected Areas Planning in Response to Climate Change in Thailand. Workshop on Spatial Planning for Protected Areas in Response to Climate Change, 4-11 November 2018, University of California, Santa Barbara, USA.
23. Trisurat, Y. 2018. Response of Species and Plant Community Distributions to Climate Change in Tropical Rain Forests, Thailand. The 12th ILTER – East Asia-Pacific Regional Network Conference, 14-18 October 2018, Taichung City, Taiwan.
24. Trisurat, Y. 2018. Thailand's Protected Areas in Response to Land Use and Climate Drivers. The 5th Regional Meeting of the Society for Conservation Biology Asia Section 2018, 9-10 August 2018, Bishkek, Kyrgyzstan.
25. Trisurat, Y. 2017. IPBES: Filling the gaps in biodiversity conservation and ecosystem services. International Symposium "Investigating biodiversity and health at the human/animal/environment interface in the Nagoya Protocol era, 12-13 December 2017, Kasetsart University, Bangkok, Thailand.
26. Trisurat, Y. 2017. Integration of in-situ biodiversity observation and modelling to mitigate climate change impacts and to enhance biodiversity conservation and SDG goals 13 & 15. The 10th GEOSS Asia-Pacific Symposium, 18-20 September 2017. Hanoi, Vietnam.
27. Trisurat, Y., Kim, E.S. and Muraoka, H. 2017. Assessing representation of international long-term ecological research sites in East Asia and Pacific Region. International Symposium on Development of Integrated Network Management System on Ecological Information 21-22 February 2017, South Korea.
28. Trisurat, Y. 2017. International long-term ecological research sites in East Asia and Pacific Region. GEOSS Asia-Pacific Symposium, 11-13 January 2017 Tokyo International Exchange Center, Japan.
29. Trisurat, Y. 2016. Modeling land use scenarios and consequences on watershed services at the Thadee watershed, Thailand. International Conference on Scenarios and Models of Biodiversity and Ecosystem Services in Support of Decision-making, 24-26 August 2016, Montpellier, France.
30. Trisurat, Y. 2016. Integrating Land Use and Climate Change Scenarios and Models into Assessment of Forested Watershed Services in Southern Thailand Belmont Forum Collaborative Research Action on Scenarios of biodiversity and ecosystem services, 18-24 April 2016, Yantai, Shandong, PR China.
31. Trisurat, Y. 2016. Effects of climate change on wildlife. The 10th Wildlife Authority of Thailand Seminar: The Future of Wildlife is in Our Hands. 14-15 July 2016, Royal River Hotel, Bangkok.
32. Trisurat, Y. 2016. Predicting impacts of land use and climate change scenarios on forested watershed services in southern Thailand. International Conference on Climate Change, Biodiversity and Ecosystem Services for the Sustainable Development Goals (SDGs): Policy and Practice, 27-29 June 2016 The Sirindhorn International Environmental Park Cha-am, Phetchaburi Province, Thailand.
33. Trisurat, 2016. Forest ecosystem shifts in response to future climate change in the western forest complex, Thailand. International Conference on Climate Change, Biodiversity and Ecosystem Services for the Sustainable Development Goals (SDGs): Policy and Practice, 27-29 June 2016. The Sirindhorn International Environmental Park Cha-am, Phetchaburi Province, Thailand.
34. Trisurat, Y. and Nhumpakphan, N. 2016. Wildlife Habitats and Land use Modeling: an example from the Emerald Triangle

- Protected Forest Complex. Regional Conference on Biodiversity Conservation in Tropical Forests of the Greater Mekong Sub-region" in Siem 9. 9. Trisurat, Y. 2016. Link between water management, ecosystem, and public health. International European SEA-EU-NET Workshop on Water-related Diseases held in Vientiane, Lao PDR on 15-16 February 2016.
35. Trisurat, Y. 2015. Management of trans-boundary conservation areas: Lessons from experience in Southeast Asia" APFNet's Workshop on Biodiversity Conservation Challenges in the Asia-Pacific: The Trans-boundary and Livelihood Dimensions, to be held during 1-13 November, 2015, in Chiang Mai, Thailand.
 36. Trisurat, Y. 2014. Protected areas adaptation to future climate and land use changes in northern Thailand. The 24th World Congress International Union of Forest Research Organizations (IUFRO), 5-11 October 2014 held in Salt Lake City, USA.
 37. Trisurat, Y. and Kalliola, R. 2013. Ecohydrology consequences of transformative land use and climate change at Thadee Watershed, Nakhon Sri Thammarat Province. Extended Abstract Proceedings of the International Workshop on Ecological Knowledge for Adaptation on Climate Change, pp: 38-41. Bang Kra Chao Urban Park, Samut Prakarn Province. Aksornsiang Ltd., Bangkok.
 38. Trisurat, Y. 2013. Assessing trends and conditions of ecosystem services of Thadee Watershed, Nakhon Sri Thammarat Province, Thailand. UN/Belarus International Workshop, 11-15 November 2013, Belarusian State University, Minsk, Belarus.
 39. Trisurat, Y. 2013. Desertification, climate change and biodiversity loss in Thailand. International Workshop on Strengthening Capacity for Combating Desertification and Ecological Restoration on Degraded Ecosystems ASEAN-Korean Environmental Cooperation Project (AKECOP), 12-16 July 2013, Kasetsart University, Bangkok
 40. Trisurat, Y. 2012. Quantifying impacts of environmental change on tropical forest and ecosystem services. The South-East Asia Biodiversity International Workshop: The Challenges in a Changing Environment of Southeast Asia. 3-7 December 2012, Mahasarakham University, Thailand.
 41. Trisurat, Y. 2012. Assessing the potential impacts of climate change on Dipterocarpus species and conservation adaptation in Peninsular Thailand. International Symposium on Ecology of Asian Tropics in Relation to Climate Change and Biodiversity Degradation. 23-27 September 2012. Tokyo, Japan.
 42. Trisurat, Y. and Grainger, A. 2012. Assessing ecosystem services at Sakaerat Environmental Research Station, Thailand. The 9th International Long-term Ecological Research (ILTER) Annual Meeting 2012, 17-23 September 2012, Lisbon, Portugal.
 43. Trisurat, Y. 2012. Roles of geo-informatics for biodiversity monitoring in Thailand. The 5th GEOSS Asia-Pacific Symposium, 2-4 April 2012, Tokyo, Japan.
 44. Trisurat, Y. 2012. Response of tropical forest trees to climate change in Thailand, The 2nd Asia carbon Update Symposium, 15-17 February 2012. Bandung, Indonesia.
 45. Trisurat, Y. 2011. Implementation of GLOBIO3 and CLUE-s models for biodiversity and land-use modeling in Thailand. GLOBIO3/CLUEs Biodiversity Modeling Workshop. 1-5 November 2011, ITC, Enschede, The Netherlands.
 46. Trisurat, Y. and Bhumphakpan, N. 2011. Identifying biodiversity hotspots in northern Thailand. Abstract Proceedings of the International Long-term Ecological Research Network (ILTER) Annual Meeting 2011, p. 4. 5-9 September 2011. Hokkaido University, Sapporo, Japan.
 47. Trisurat, Y., Shrestha, R.P. and Kjellgren, R. 2011. Vulnerability to climate change in Peninsular Thailand. Abstract Proceedings of the International Conference on Biodiversity and Climate Change. 31 January – 3 February 2011. University of Philippines, Manila, the Philippines.
 48. Trisurat, Y. 2010. Current status of long-term ecological research program in Thailand. Abstract Proceedings of the International Conference on Biodiversity and Climate Change. A paper presented at the 3rd International Conference and Scientific Meeting Philippine LTER and DIVERSITAS, 20-21 November 2010. University of Philippines, Manila, the Philippines.
 49. Trisurat, Y. 2010. Consequence of land use change on bird distribution: Sakaerat Environmental Research Station. Abstract Proceedings on the 4th EAFES Conference and the 8th ILTER-East Asia Pacific Meeting, 13-17 September 2010. Sangju, Korea.
 50. Trisurat, Y. and Gasana, J.K. 2010. Consequences of land-use change on trans-boundary biodiversity conservation in the Emerald Triangle Protected Forest Complex. Paper presented at the International Conference on Biodiversity Conservation in Transboundary Tropical Forests, 21-24 July 2010. Quito, Ecuador.

Books and book chapters

1. Trisurat, Y. 2023. Chapter 4: case studies for Thailand. In L. He, J. Leshan, A. Wyatt, Y. Trisurat (Eds.). Case Studies on Incentives for Sustainable Wetland Agriculture and Water Management in Asia (pp. 48-63), FAO Regional Office for Asia and the Pacific, Bangkok, Thailand.
2. Trisurat, et al. (eds). 2022. Teak in Mekong for a Sustainable Future. Kasetsart University, Bangkok; International Tropical Timber Organization, Yokohama, TEAKNET, Kerala.
3. Trisurat, Y., Shrestha, R. and Havmoller, P.(eds.). 2018. Thailand: Environmental natural issues and related policies. Nova Publishers Inc, New York.
4. Trisurat, Y. 2017. Chapter 2. Prediction of Land Change in the Emerald Triangle Protected Forests Complex. In: Thomson, I., and Ma, K.(eds.) The Bright Green Hotspot: Outcomes of the Emerald Triangle Protected Forests Complex project, 2000–2016, pp. 20-30. International Tropical Timber Organization (ITTO), Yokohama, Japan and Convention on Biological Diversity (CBD) Secretariat, Montreal, Canada.
5. Trisurat, Y. 2017. Chapter 6. Species Distribution Modelling for Trans-boundary Biodiversity Conservation in the Emerald Triangle Protected Forests Complex. In: Thomson, I., and Ma, K. (eds.). The Bright Green Hotspot: Outcomes of the Emerald Triangle Protected Forests Complex project, 2000–2016, pp. 68-81. International Tropical Timber Organization (ITTO), Yokohama, Japan

- and Convention on Biological Diversity (CBD) Secretariat, Montreal, Canada.
6. Trisurat, Y. 2017. From landscape patterns to ecosystem functions: watershed services based on different land use and climate change scenarios. In Morand, S. (ed.) Biodiversity: Challenge in a Changing Southeast Asia Environment. Routledge Press, Amsterdam.
 7. Sukchaloen, D., Suksaard, S. and **Trisurat, Y.** (editors). 2015. Thai Forestry Handbook. Faculty of Forestry, Kasetsart University, Bangkok. 316 pp.
 8. Trisurat, Y. 2015. Land use change and wildlife distribution modeling in the Emerald Triangle Forest. Faculty of Forestry, Kasetsart University, Bangkok. 126 p.
 9. Trisurat, Y. 2012. Long-term monitoring and prediction of ecosystem using Remote Sensing and CLUE-S Model: Sakaerat Environmental Research Station. In. Shin-ichi Nakano, S. (ed.). Asia-Pacific Biodiversity Observation Network, Springer pp. 309-320. Springer Press, Tokyo, Japan.
 10. Trisurat, Y. and Grainger, A. 2012. Response of tropical forest trees to climate change in Peninsular Thailand. In Nelson, R.L and Carter, J.F. (eds.). Biodiversity Conservation: New Research. Nova Science Publishers, New York. Pp. 57-70.
 12. Trisurat, Y. 2011. Vulnerability and sensitivity of physical and biological components of natural resources and ecosystem. Forest and terrestrial ecosystem, pp. 55-67. In Na Ayutthaya, A. and Chidthaisong, A. (eds.). Thailand's First Assessment Report on Climate Change 2011: Impacts, Vulnerability and Adaptation. Working Group 2, Thailand Research Fund, Bangkok (in Thai).
 12. Trisurat, Y., Shrestha, R. P., and Alkemade, R. (eds.). 2011. Land Use, Climate Change and Biodiversity Modeling. IGI Global, Pennsylvania. 524 p.
 13. Trisurat, Y., Bhumpakphan, N., Dechyosdee, U., Kanchanasakha, B. and Tanhikorn, S. 2010. Identifying priority areas for biodiversity. In V. Rescigno and S. Malerra (Eds.). Biodiversity Hotspots (pp. 37-80). Nova Science Publications. Inc. New York.



15 October 2023