



BIOLOGY COLLOQUIUM

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Fungal focus: A national treasure with cases study from Northeast of Thailand

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Fungi are diverse genetic resources with great ecological, sociocultural, economic, medicinal and biotechnological characteristics. They are everywhere and a vital composition performing essential functions in a make-up of working ecosystems. Therefore this fascinating group of organisms play significant role in accordance with the United Nation Global Sustainable development goals 2030 (SDGs). What is the current status of knowledge of fungi in northeastern part of Thailand? Where are they discovered and distributed? Which are most important economically? How do they connect people and nature? How do they help to mitigate the global environment and economic crisis in the current post pandemic COVID-19 scenario? In this talk, I will delivery the current knowledge of this group of organisms, using examples from our experience from decaded of scientific research.



About the Speaker

Cherdchai Phosri; CP, was awarded a Royal Thai Government Scholarship and undertook his postgraduate studies at Liverpool John Moores University (LJMU) under the supervision of Professor Anthony Whalley with external collaboration Professor Roy Watling at the Royal Botanic Gardens and obtained his Ph.D in 2004. His thesis titles "The characterization and development of tropical gasteromycete fungi in ectomycorrhizal associations" rewarded as a good thesis from Research Council of Thailand in 2009. His work led to continuing studies in Thailand and SE Asia and the development of an active research group in Pibulsongkram Rajabhat University (PSRU) in Phitsanulok, Thailand. CP has established international collaboration with renowned researchers for example from Estonia, Japan, Spain, UK and USA, and resulting in numerous publications with included the publication in the journal "Science", an exciting story of global diversity of soil fungi. CP then has moved to Nakhon Phanom University (NPU) in Northeastern region, Thailand and continued his research and establishing associated teaching. CP has over 15 years of experience in microbiology & main interest is the relationship between plant & rhizosphere microbiome and to develop inoculum for practical agricultural/forestry application. His international standing has resulted in his appointment at the university as Dean of Science with the brief to contribute to Science education in the upper northeast region and for especially in lower Mekong subregions.