



香山生态论坛

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Will warmer and drier ecosystems worldwide function more like deserts?

Speaker: Prof. José Grunzweig

Hebrew University of Jerusalem

Time: 10:30 am Aug 25, 2023

Venue: Conference Room, Qinggang Building

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Brief Introduction of Speaker

Prof. José Grunzweig is a faculty member at the Hebrew University of Jerusalem, Israel since 2004. His research focuses on plant, soil and ecosystem aspects of the carbon, nutrient and water cycles in dryland forests and woodlands as affected by climate change and land management. Current studies in his lab include carbon and water relations in hot and cold arid and semiarid forests, processes underlying decomposition and carbon dioxide fluxes specific to dry regions, and measures to increase functioning and survival of oak trees in woodlands at the edge of the desert. Prof. Grunzweig lately developed a new concept in climate change ecology termed Dryland mechanisms of ecosystem functioning. This concept suggests that in a warmer and drier climate, ecological processes would emerge in mesic and humid regions that so far are mainly known from drylands. He published more than 100 papers in journals including *Nature Ecology & Evolution*, *Global Change Biology*.



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