COURSE DETAIL

FOREST ECOHYDROLOGY
Country Taiwan
Host Institution National Taiwan University
Program(s) National Taiwan University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Environmental Studies
UCEAP Course Number 163
UCEAP Course Suffix
UCEAP Official Title FOREST ECOHYDROLOGY
UCEAP Transcript Title FOREST ECOHYDROLOGY
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description

Understanding the systems that control the circulation of water between the atmosphere, soil, and plant is clearly important for a general understanding of the hydrological cycle and the way that the ecosystem operates and survives. This course consists of two sections. The first section deals with the basics of plant-water relations and water fluxes in forests. The second section explores the soil moisture dynamics and its effect on plant ecophysiology and hydrological processes. This course explores the fundamentals of ecohydrology in forest ecosystems, with a special emphasis on plant-water relations and soil moisture dynamics. This course also covers the issues of climate change, based on the forest-atmosphere interaction through soil moisture.

Language(s) of Instruction
English

Host Institution Course Number
Forest5063

Host Institution Course Title
FOREST ECOHYDROLOGY

Host Institution Course Details
https://nol2.aca.ntu.edu.tw/nol/coursesearch/print_table.php?course_id=625%20U2...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Forestry

Course Last Reviewed
2022-2023

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