

Modultitle	Environmental Perspectives on Resource Nexus – UNU-FLORES
Short description	
Duration (Semester)	One Semester
Turnus (Semester)	Adaptable to the course calendar. Flexible for summer or winter semester.
Modul Start	Earliest: Summer semester 2025
Modul End	-
Modul level	Master
Content	This course provides an introductory view of the Resource Nexus concept in relation to other existing Nexus concepts. It focuses on the Resource Nexus addressing, for example, water, soil, waste, energy, and biodiversity, among others, as resources and their interlinkages. Global change, including climate change, population growth and urbanisation, increases pressures on managing resources quantity and quality and intensifies resource use competition. It is presented how Resource Nexus may help us tackle issues that are important to specific cases.
Learning Objectives	<p>This course aims to provide the basic and foundational knowledge that is necessary to understand the concept of Resource Nexus, so that the students can apply the concept to address specific problems. Special focus is placed on understanding the connections between different resources. Case studies will be used to showcase critical linkages with possible personal, ecological, and social implications. This will enable students to continue self-directing learning of scientific methods to address complex and more integrated resource management with greater effectiveness. At the end of this course student should:</p> <ul style="list-style-type: none"> • know the theory of depletable resources and be able to describe the Nexus concept/thinking in given contexts. • To understand how water, soil, waste, biodiversity, energy, and other resources may be managed in a nexus or more integrative way. • To describe what are global changes and their impacts on resources. • Be able to explain how the nexus approach could contribute to sustainable environmental resource management and combat global change.
Prerequisite	Participants require Bachelor's degree-level proficiency.
Literature	
Teaching language	English
Grading	Credit points are awarded upon passing the module examination. The module examination consists of an oral presentation and written paper.
Others	
Responsible person for module	Prof Edeltraud Günther, Prof Daniel Karthe
ECTS-points	5 credits
Contact time (SWS)	3 SWS, self-study
Duration Exam (min)	
Total hours (h)	150 h
Presence hours (h)	<p>3 SWS: 2 SWS (1.5 h) teaching and 1 SWS tutoring</p> <p><i>Note: 1.5 hours per lectures in mixed-format determined by the responsible lecturers of each topic. Individual lecturer organises a separate tutoring session to answer students' questions.</i></p>
Self study (h)	1 SWS

Prüfungsknoten (Kennung)

Title	Credits Points	Contact time (SWS)	Study Semester (Start Winter)	Study semester (Start Summer)

Angebotsknoten

Title	Credits Points	Contact time (SWS)	Study semester (Start Winter)	Study (Start Summer)