COURSE DETAIL

GIS FOR LAND AND COASTAL MANAGEMENT
Country Australia
Host Institution University of Sydney
Program(s) University of Sydney,Summer at University of Sydney
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Earth & Space Sciences
UCEAP Course Number 118
UCEAP Course Suffix
UCEAP Official Title GIS FOR LAND AND COASTAL MANAGEMENT
UCEAP Transcript Title GIS: LAND & COAST
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This course examines analytical capabilities within GIS, various applications to complex environmental and coastal issues and ethical considerations in using and disseminating geographical information and knowledge. The fundamentals of GIS, spatial modelling and Earth observation will be introduced in the context of environmental and coastal management. Students will build on these foundational concepts through problem-based learning in which GIS methods will be applied to address issues relating to fire and biodiversity, acid sulphate soils, coastal processes and water security.

Language(s) of Instruction
English

Host Institution Course Number
GEOS3014

Host Institution Course Title
GIS FOR LAND AND COASTAL MANAGEMENT

Host Institution Course Details
https://www.sydney.edu.au/units/GEOS3014

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2024-2025

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