COURSE DETAIL

PRINCIPLES OF REMOTE SENSING
Country New Zealand
Host Institution University of Auckland
Program(s) University of Auckland
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Geography
UCEAP Course Number 118
UCEAP Course Suffix
UCEAP Official Title PRINCIPLES OF REMOTE SENSING
UCEAP Transcript Title REMOTE SENSING
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This course examines remote sensing tools and techniques and their application within the earth, environmental and urban environments. It focuses on the processing, analysis and interpretation of data collected by government and commercial satellites, Unmanned Aerial Vehicles (UAV) and aerial photography. The course introduces image interpretation, multispectral images, supervised and unsupervised image classification and change detection.

Language(s) of Instruction
English

Host Institution Course Number
GISCI 241

Host Institution Course Title
PRINCIPLES OF REMOTE SENSING

Host Institution Course Details
https://courseoutline.auckland.ac.nz/dco/course/GISCI/241/1215

Host Institution Campus

Host Institution Faculty
Science

Host Institution Degree

Host Institution Department

Course Last Reviewed
2024-2025

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