
CIFAL Honolulu - GIS Strategies for Oceania

People

Deadline: 6 Jan 2025

Type:	Course
Location:	Web-based
Date:	10 Jan 2025 to 21 Feb 2025
Duration:	42 Days
Programme Area:	Decentralize Cooperation Programme
Website:	https://www.nsfspicealliance.org/activity-11-curriculum-innovation
Price:	\$0.00
Event Focal Point Email:	cifa@unitar.org
Partnership:	CIFAL Honolulu, Chaminade University of Honolulu, NSF All-SPICE Alliance

BACKGROUND

This course will use geospatial data and technologies to address pressing issues of sustainability and resilience in Oceania, framed around the United Nations Sustainable Development Goals (SDG, e.g., Climate Action, Life Under Water, Life On Land).

EVENT OBJECTIVES

1. Discuss the unique considerations of geospatial data; 2. Identify key geospatial indicators of sustainability and resilience; 3. Search for and access existing geospatial datasets; 4. Scope geospatial data challenges in Pacific islands and support the development of effective policy for enabling data environments; 5. Improve the capacity of their organization and/or community for the future of geospatial data use

LEARNING OBJECTIVES

1. Discuss the unique considerations of geospatial data; 2. Identify key geospatial indicators of sustainability and resilience; 3. Search for and access existing geospatial datasets; 4. Scope geospatial data challenges in Pacific islands and support the development of effective policy for enabling data environments; 5. Improve the capacity of their organization and/or community for the future of geospatial data use

CONTENT AND STRUCTURE

Readings and videos provided on Google Classroom. Students participate in weekly small-group discussions, weekly guest speaker presentations, and weekly assignments. Students complete a final individual project and present at a Challenge Showcase.

METHODOLOGY

Students learn about systems thinking, spatial thinking, and data strategies and apply what they learn to their individual projects centered on promoting sustainability and resilience in their own community.

TARGETED AUDIENCE

This course is ideal for students and professionals interested in environmental conservation, disaster management, climate resilience, geopolitics, and social

development in the Pacific region. It is also valuable for those pursuing careers in geospatial data science and its applications. Residents of Pacific islands/Oceania will receive acceptance priority.