

Final Project

2024-11-15

SIDS Small Island Developing States



- Thirty-nine island states in three regions
 - the Caribbean (CARICOM)
 - the Pacific (PIF)
 - the Atlantic, Indian Ocean and South China Sea (AIS) (IO)
- aggregate population 65 million, less than 1% of world population
- Exclusive Economic Zone (EEZ)—the ocean under their control

Average 28 times the country's land mass
- unique social, economic, and environmental challenges
 - remote geography
 - far from international markets

Regions and Regional organizations

SIDS regions Map

PIF

IOC

Resources

4th International Conference on SIDS 27-30 MAY, 2024 -
ANTIGUA AND BARBUDA

International Year of Small island developing States - 2014

Small Island Developing States in Numbers

Small Island Developing States In Numbers 2020 - Oceans
Edition

UN Data

World Bank Data

IMF Data

Multidimensional Vulnerability Index

Assignment

Due Date: 2024 Dec 16

The purpose of the final assignment is for you to use a range of R capabilities to produce a single well-integrated deliverable which includes a report, a presentation, and a webpage.

You will each be assigned an island state which will be the focus of your work. You will submit two URL's:

- a link to your Shiny application
- a link to your github

which should contain the document (pdf), the presentation, and the files necessary to produce the report, the presentation slides, and the webpage.

For the presentation, You may select any file type that will display the presentaion when I run the file. I will happily try a test file to make sure you have selected a presentation file type I can use. The Shiny application must be published to a server.

Your presentation should address at least four broad topics:

- General description of the island state that includes at least a map of the island(s), a map showing where in the world it is located, and Key facts about the island state. Key facts could include a description of the government, the economy, the people who live there, the natural environment, or the history.
- A projection of at least one key variable by any means you like. Key variables include GDP, population, per capita income, weather, and visitors.
- Comparison of the Island State relative to other island states in the same region.
- SWOT (Strength, Weakness, Opportunitites, Threats) analysis of the Island State

