

# **Research Report**



**United Nations Environmental Programm**

**Supporting Small Island Developing States  
(SIDS) in Combating Climate Change-  
Induced Rising Sea Levels**

# 1. Background Information

Small Island Developing States (SIDS) are some of the most vulnerable to climate change,

especially when it comes to rising sea levels. These nations face significant challenges, including

land loss, freshwater contamination, and economic instability.

Most SIDS lack the resources, infrastructure, and technology to fight and combat the effects of

climate change alone. That's why international support is crucial; without it, many of these

nations could face severe economic and humanitarian crises.

## 2. Challenges

Insufficient funding for climate adaptation projects.

Dependence on international aid, which is often inconsistent and unpredictable.

Limited access to technology and expertise for climate resilience.

## 3. Proposed Solutions

### 3.1 Expand Climate Financing

Increase funding for the Green Climate Fund, prioritizing SIDS.

Provide grants and low-interest loans for infrastructure projects for example seawalls and water

desalination systems.

### 3.2 Facilitate Technology Transfer

Share renewable energy technology and disaster management systems with SIDS.

Develop partnerships to implement early warning systems for extreme weather events.

### **3.3 Promote Regional Collaboration**

Strengthen alliances among SIDS to amplify their voices in international negotiations.

Encouraging knowledge sharing and working together on climate projects could make a difference.

## **4. Conclusion**

Supporting SIDS requires a combination of financial assistance, technology sharing, and global

solidarity. As the UNEP addresses this urgent problem , collaborative action will be essential to

ensure the survival and prosperity of the vulnerable nations.

## **5. Helpful Links**

<https://climatepromise.undp.org/news-and-stories/small-island-developing-states-arefrontlines-climate-change-heres-why>

<https://www.greenpeace.org/international/act/responsible-business/>

<https://www.unep.org/resources/report/business-case-sustainability>

<https://www.oecd.org/env/>