

**AN EVALUATION OF CLIMATE JUSTICE THROUGH THE LENS OF CLIMATE
FINANCE IN SMALL ISLAND DEVELOPING STATES (SIDS)**

PRIYADHARSHINI R

*A project report submitted
in partial fulfillment of the requirement for the award of the degree of*

MASTER OF ARTS

IN

ENVIRONMENTAL ECONOMICS



May 2025

MADRAS SCHOOL OF ECONOMICS

Chennai- 600025

ABSTRACT

Small Island Developing States (SIDS) are highly dispersed across various regions of the world, facing high economic and environmental vulnerabilities due to their small size and geographic isolation. Despite contributing only 1% to global greenhouse gas (GHG) emissions, SIDS are among the most severely impacted by climate events, raising concerns regarding the assurance of "climate justice" for these countries.

This study explores the dimensions of recognitional and distributional justice within the climate justice framework. Recognitional justice is analyzed in the Asian context by comparing SIDS and non-SIDS countries in terms of disaster exposure and the distribution of mitigation and adaptation finance. Distributional justice is analyzed through a panel data regression by evaluating the factors influencing the allocation of climate finance using three models: the Socio-economic model, the Environmental model, and an overall model.

The findings reveal that neither recognitional nor distributional justice is sufficiently addressed for SIDS within the climate justice framework. The results highlight the need for more targeted and equitable climate policy initiatives to ensure fair allocation of climate finance and to safeguard the unique ecosystems of SIDS.

Keywords: Climate Justice, Climate Finance, Mitigation Finance, Adaptation Finance, Recognitional Justice, Distributional Justice, Econometric analysis, Small Island Developing States, Climate risk

JEL Classification: C12, C51, C52, Q54, Q57