International Organizations and Climate Change Adaptation: A New Dataset for the Social Scientific Study of Adaptation, 1990–2017

Available in Stata format: CCA_Replication.dta

Codebook

Scholars who wish to use CCA_Replication.dta are kindly requested to cite the original paper:

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Corresponding author: Lisa M. Dellmuth
Email: lisa.dellmuth@su.se

Stockholm University

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Identification Variables

IO
IO stands for international organization. This is the unit of analysis

IOname

year

uiacode

IOarea
IO issue area. Values: “0 “refers to IOs in global region, “1” refers to IOs in Africa, “2” refers to IOs in Asia and Pacific region, “3” refers to IOs in Europe and “8” refers to IOs in the Americas.

UNsystem
Equals 1 if IO is a part of the UN system, 0 otherwise.

inception
The year in which the IO was founded.

population
Sum of state populations in IO member states.

regional
1 if the IO is a regional organization, 0 otherwise.

pri_region
Primary world region of IO. Values: “1 “refers to IOs in Disaster Risk Management issue area, “2” refers to Development, “3” to Food & Agriculture, “4” to Global Development Banking, “5” to Health, “6” to Migration, “7” to Peace & Security, “8” to Regional Cooperation, and 9 to “Trade & Economy”.

Index Variables

index
Climate change adaptation engagement index.

Index_log
Natural logarithm of climate change adaptation engagement index.

index_sqrt
Square root of climate change adaptation engagement index.

Index Components

response_no
Number of adaptation activities.

response_sqrt
Square root of the number of adaptation activities.

priority
Prioritization of climate change adaptation within a governance response.

A response is assigned the value of 0.5 if climate risks are targeted but are accorded secondary priority to the original area of response. It is coded 1 if it indicates either that climate adaptation is the main priority of a response or that it is accorded equal priority with another target.

timehorizon
Temporal duration of a climate change adaptation response.

The time horizon variable measures the (planned) duration of the response. In the case of a one-shot response, such as publication of a report, a value of 0.5 is assigned; medium-run responses, such as programs lasting for a couple of years, are coded 1; and long-term responses, defined as lasting longer than 5 years, are coded 1.5.

funding
Funding of a climate change adaptation response.

The funding variable captures whether IOs create funds or pool financial resources to address adaptation challenges. It includes budget allocations and funding used for a specific response, such as a project or program. This binary variable is coded 1 if a financial assignment is made, and 0 otherwise.

staffing
Staffing of a climate change adaptation response.

Staffing refers to an IO's recruitment or assignment of staff for the realization of a response. This binary variable is coded 1 if the staff was assigned to work on the response, and 0 otherwise.

Types of Climate Adaptation Framings

Economic framing
Number of references to climate risks for economic stability.

Human security framing
Number of references to climate risks for human security.

State security framing
Number of references to climate risks for state or national security.

Energy security framing
Number of references to climate risks for energy security.

Types of Climate Adaptation Activities

Statement
Number of official statements released by an IO secretariat.

Event
Number of events, meetings, conferences organized by an IO (e.g., COP side events, conferences, ExCom meetings, roundtable meetings, and forums).

Framework
Number of frameworks, strategies, and declarations.

Fund
Number of financial responses (e.g., the establishment of funds, pooling of funds).

Operational
Number of operations within an IO (e.g., projects, vocational trainings, and educational programs).

Report
Number of published scientific reports, case studies and activity reports.

Institutional
Number of efforts to institutionalize a process, e.g., through the formation of working groups, task forces, departments, initiatives, and public-private partnerships.

IO Funding and Revenue

lnrevenue
Yearly IO revenue in current USD
Source: UNSCEB, 2021

lnrevenue_lag
Yearly IO revenue in t-1 (year-1) in current USD
Source: UNSCEB, 2021

revenue
Yearly IO revenue in current USD
Source: UNSCEB, 2021

grant
Amount of annual grants received from The Global Environment Facility in current USD.
Source: UNSCEB, 2021

Cofinancing
Amount of annual co-financing received from The Global Environment Facility in current USD.
Source: UNSCEB, 2021

gef_budget
Annual received budget from The Global Environment Facility in current USD.
Source: UNSCEB, 2021

References

UNSCEB, 2021. Financial Statistics. UN Chief Executive Board for Coordination. https://unsceb.org/financial-statistics. accessed at 01/06/2021.