Beyond Aid:
China's Multidimensional Engagement with Development World

PPOL 5202 Data Visualization for Data Science

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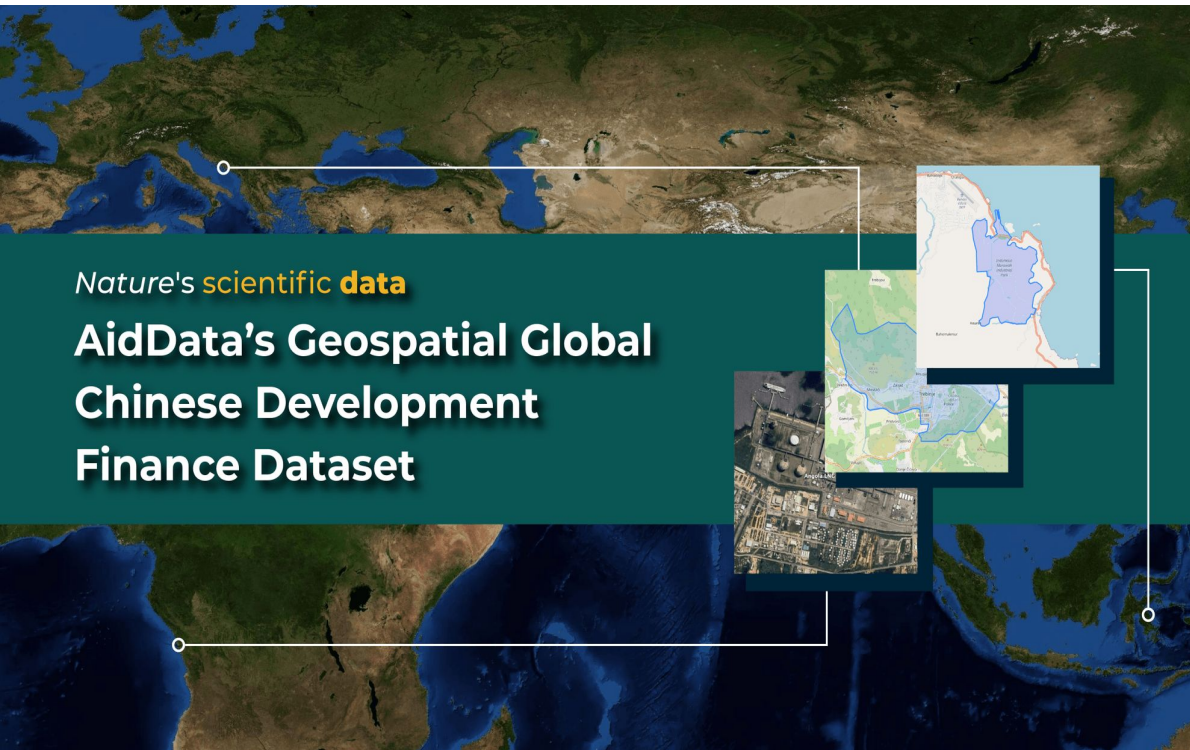*GEORGETOWN UNIVERSITY*

Agenda

- Introduction

- Data sources

- Methodology

- Data visualizations

- Key findings/ Implications

Introduction:

- Since the 2000s, China's investments in the developing world have **significantly increased** .

- Total: **20,985** projects across 165 low-to-middle-income countries from 2000-2021.

- Investment: $1.34 trillion in combined loans, grants, and projects

- Impact: Establishing China's commitment to becoming a **global development leader** , especially in Africa, Asia and Latin America.

Data sources:

Nature's scientific data
AidData's Geospatial Global Chinese Development Finance Dataset

- AidData Version 3 (most comprehensive to date) from William & Mary Research Lab.
- Key Features:
  - Includes aid, grants, loans, and development projects.
- Covers both donor (China) and recipient country perspectives.

Data Collection:

TUFF Methodology

- Tracks financial flows from non-traditional donors like China.

- Multifaceted approach: data from recipient countries, Chinese sources, Academia, and multilateral agencies.

- Diversity of sources helps with per record for validation.

- Outcome: Highly curated and robust dataset with high reliability for research.

Data Preprocessing:

We focus on projects with:

- Investment > **$100 million** .

- **Precise only** geospatial data.

- Defined as **ODA** or **OOF** according to OECD standards.

- Geojson data comes from same repo, filtering by precise conditions and merge IDs

Data Visualization