

NATIONAL OWNERSHIP OF DISASTER LOSS DATA

Subhra Bhattacharjee

EM-DAT TAG Meeting
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Disaster Loss Data Sources



EM-DAT

- Global coverage
- National level resolution

Private Insurance and Re-insurance companies

- Global coverage
- Data is not freely available
- Only analysis reports are shared
- Developed for the insurance market

Swiss Re



Munich RE



UNITED NATIONS

ECLAC

ECLAC-WB: Damage and Loss Assessment methodology (DaLA)

- National level observation, data with sub-national resolution.
- Consistent methodology
- Only assesses losses from large scale (intensive) disasters
- Does not have global coverage



National databases

- National level of observation, data with sub-national resolution.
- Heterogeneous methods, hampering global comparison.
- Not frequently updated.

SUBSTANTIALLY REDUCE

-  A. Global disaster mortality
-  B. Number of affected people
-  C. Economic loss in relation to GDP
-  D. Damage to critical infrastructure and services disruption

SEVEN TARGETS TO ACHIEVE BY 2030


SENDAI FRAMEWORK
FOR DISASTER RISK REDUCTION 2015-2030

-  E. Number of countries with national and local DRR strategies by 2020
-  F. International cooperation to developing countries
-  G. Availability and access to early warning systems and DRR information

SUBSTANTIALLY INCREASE

What is DesInventar?

Method

- Disaggregate & geo-reference data.
- Include all types of disaster events
- Standardized disaster registration template

Software-tool

- Open-source
- Web-based version
- Enables data analysis
- Sendai aligned version – global indicators for targets A to D

It enables a high resolution inventory level with the usage of record cards.

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DesInventar Sendai Coverage

- **73** Countries/Territories in main server
- **37** Countries/Territories in standalone servers
- **554,000** approved data cards for all years
- **392,127** approved data cards for 2005-2018



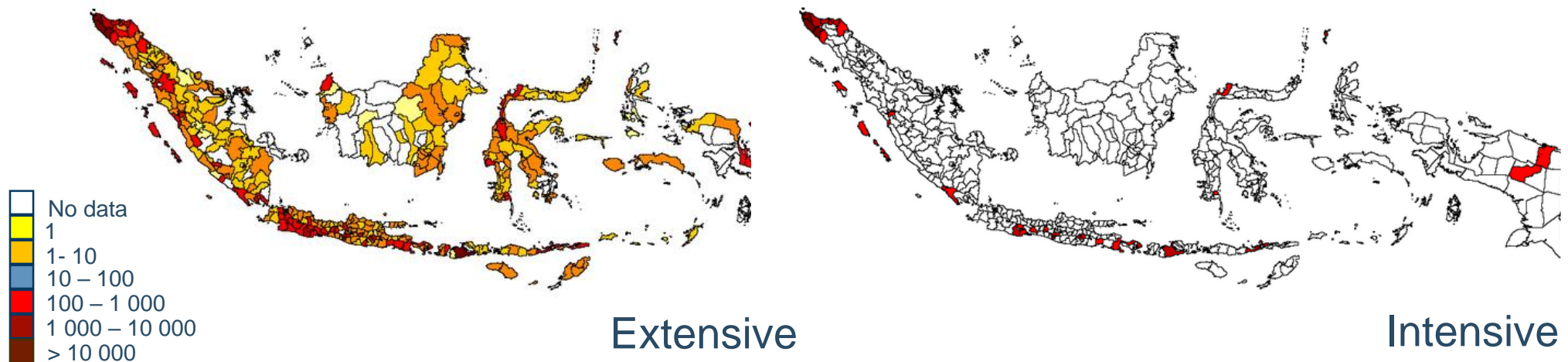
Use beyond the obvious use

Purpose/Constituents

- **Policy/Programming**
 - **National ownership**
- **Business**
- **Research**
- **Advocacy**

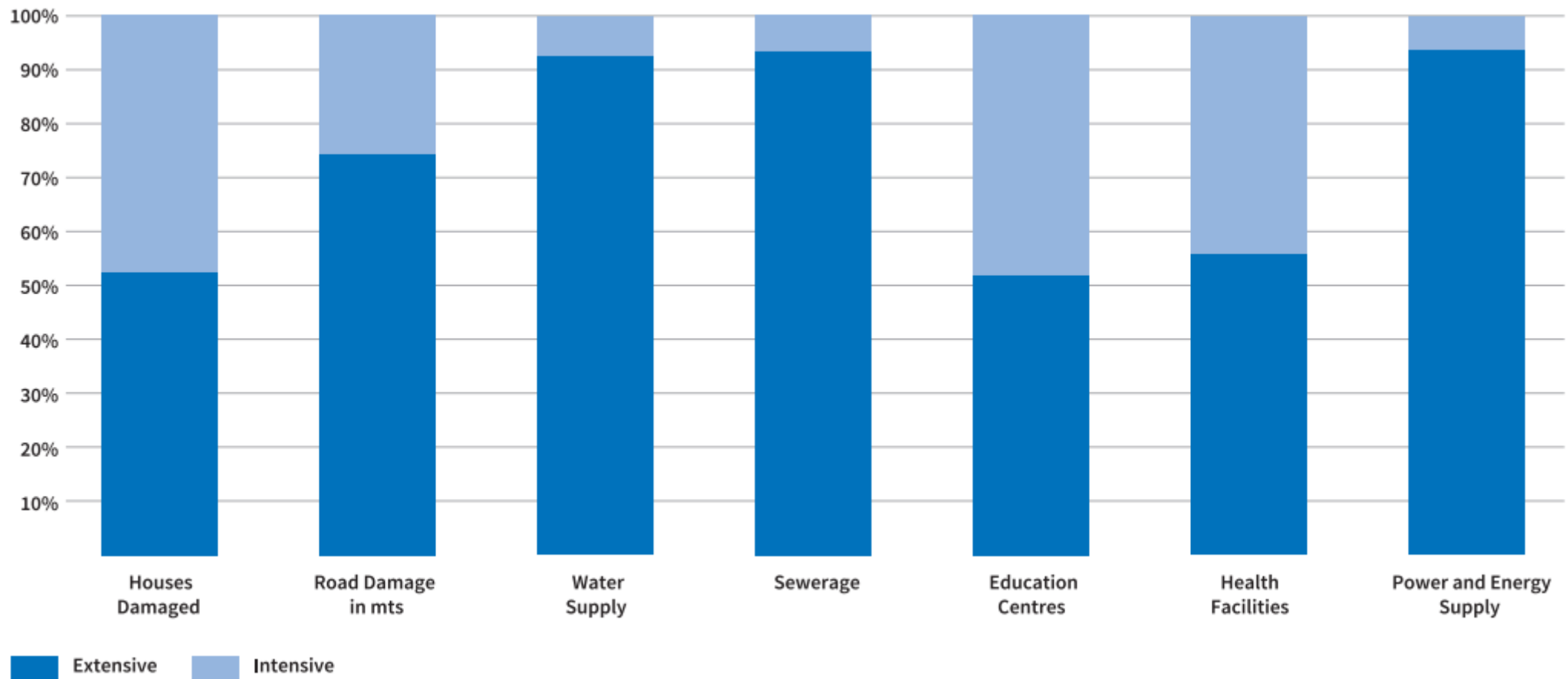
Extensive and Intensive disasters

- **Intensive disasters:** high-severity, mid to low-frequency disasters
- **Extensive disasters:** low-severity, high-frequency disasters, mainly but not exclusively associated with highly localized hazards



Extensive and Intensive disasters

➤ The impact of extensive disasters



Thank you