

Disaster Statistics

A Proposed Local Level
Pilot Application

Province of Yogyakarta
Indonesia

THE PUJIONO CENTRE , APRIL 2019

Key Drivers

Missing baseline
& common reference

Budget is available, but can't be justified simply based on ideology

Scrambling for data in every disaster event

Administrative data don't help the recovery planning

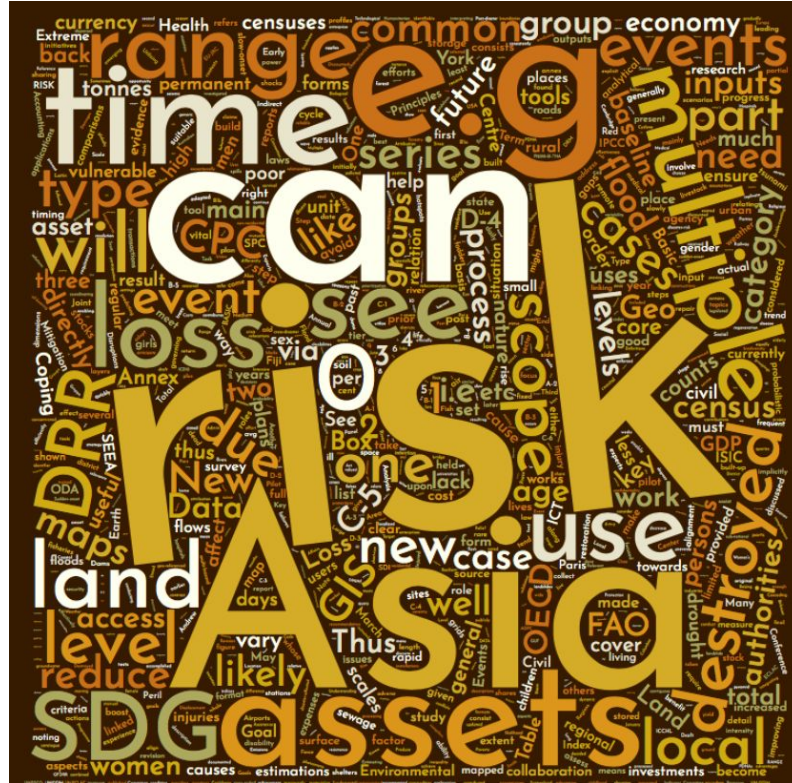
Disasters become development liability

Pressure to mainstream DRR, but the data don't talk

Sectoral data fragmentation

Services Minimum Standards on DM:

- risk assessment,
- preparedness,
- evacuation



Sendai Monitoring and Reporting

Uncler, who has, needs, or does what about disaster data

Disaster statistic is BPS' quick win

A Proposal: Local level Pilot DRR statistics



Forthcoming: Pilot post -disaster statistics in Palu of BPS and UNFPA (8 months after the event)

Possible parallel pilot statistics on DRR?

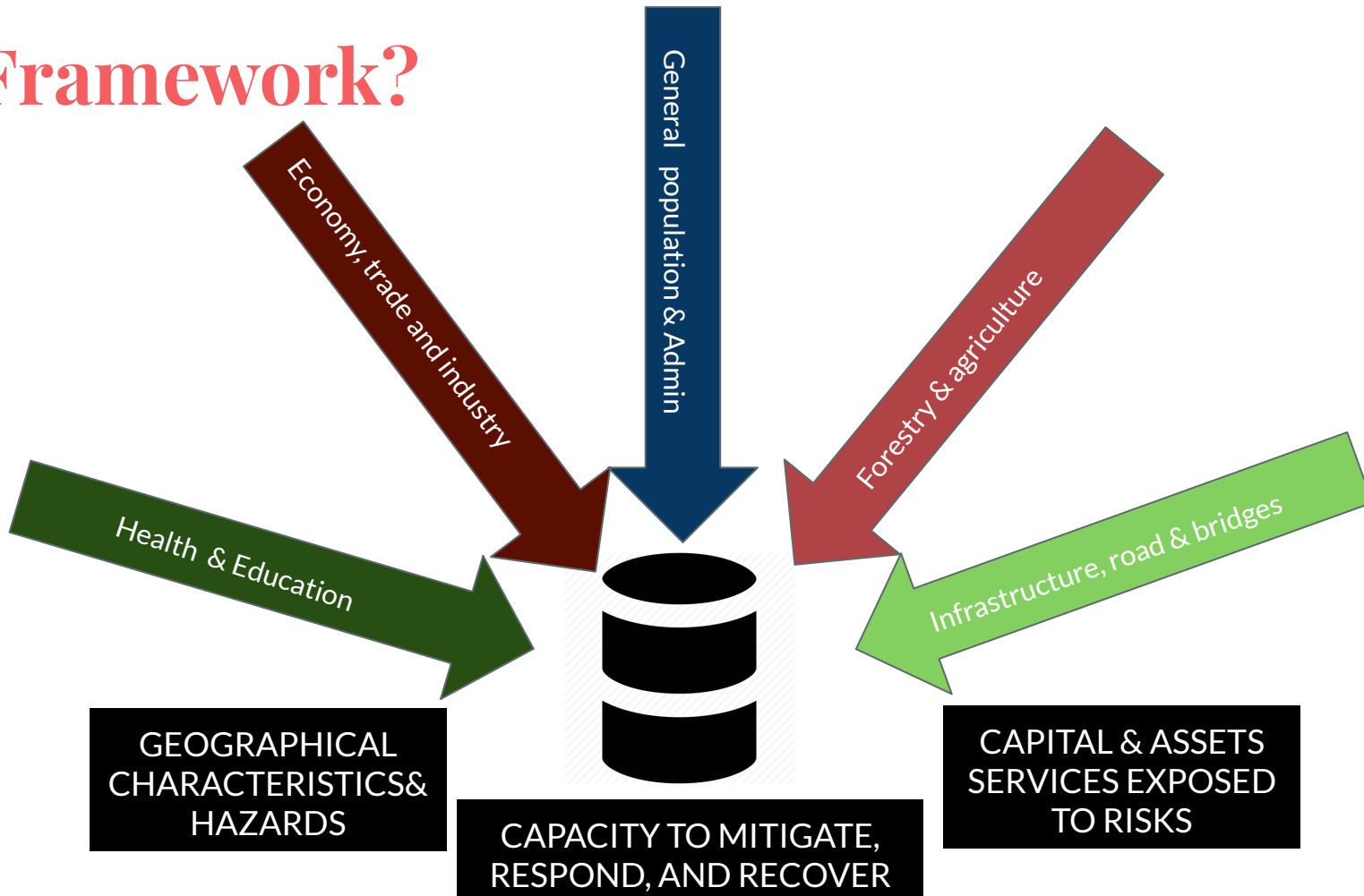
Yogyakarta Province

- Relatively small and compact
- Diverse hazards
- Numerous major disasters

Centres of excellence

- Universitas Gajahmada
 - School of Statistics
 - School of Geography
- National Islamic University
 - Department of Disaster Statistics
- BPS and Disaster Management Authority
- The Pujiono Centre

Framework?



Potential model: DRSF

DATA

Pop. and village infrastructure are already integrated in disaster database

Potential for integration:

- National Socioeconomic Survey
- Between Census population survey
- 2020 Civil Registration & Vital Statistics

Fresh databases
Modeling

CHALLENGES:

- BPS has big mission but limited resources

APPROACH

- Local Govt to establish a DM data system
- Based on sectoral databases
- Updated at near-real time
- Division of labour:
 - Tech authority and access to data by BPS
 - Research by academic partners
 - Modeling by geography
 - Advocacy by NGO

DELIVERABLES

- A provincial-based disaster statistics framework
- Documentation of the applicability of DRSF at local level
- Documentation in the process - possible scaling up