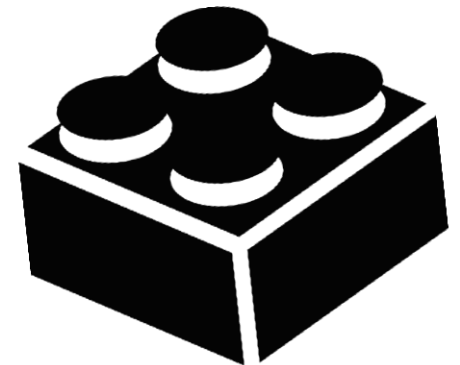
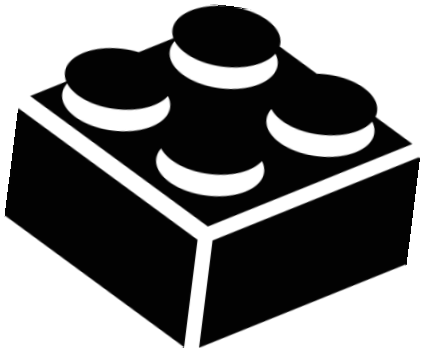


# Asia-Pacific Expert Group on Disaster-related Statistics

Fourth Meeting of the EGES  
Czech Statistical Office, Prague  
3-5 May 2017

# Objective

- Disaster Related Statistics Framework (DRSF)
- ***A basic range of disaster-related statistics***
- Key Output: Handbook for Official Statistics (~May, 2018)
  - Process of global consultation & outreach
  - Input for supporting implementation of Sendai Framework and SDGs

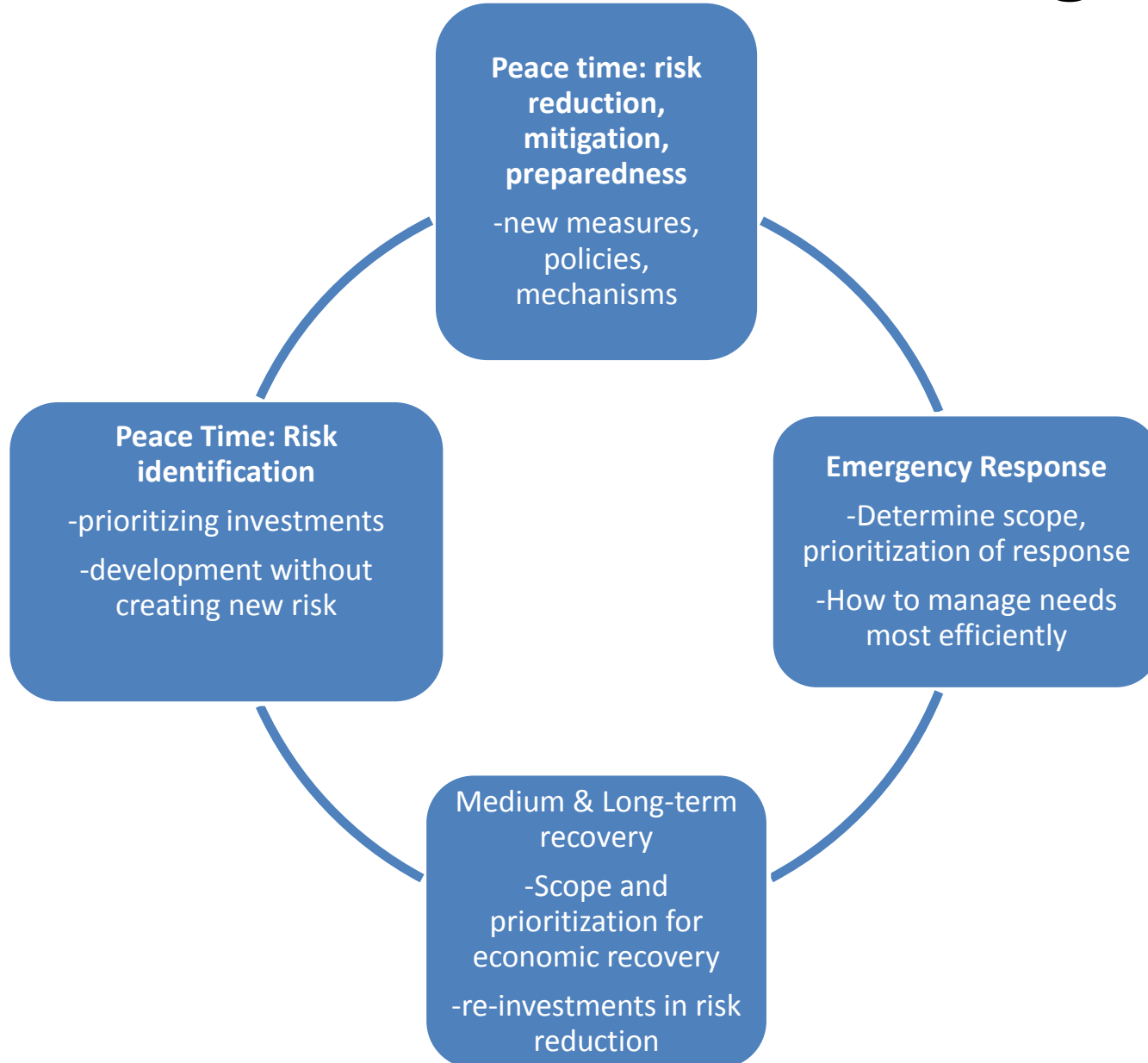


# Method of work (2014-17)

- Sharing of best practices
- Pilot studies (proof-of concept outputs)
- Joining with other initiatives
- In-depth in-person discussions and online consultations
  - <http://communities.unescap.org/asia-pacific-expert-group-disaster-related-statistics>



# Phases of Disaster Risk management



## Scope of Framework

Disaster risk

-Vulnerability  
-Coping capacity

Exposure to  
Hazards

Slow processes  
resulting in  
disasters

Direct Impacts to  
environment and  
cultural heritage

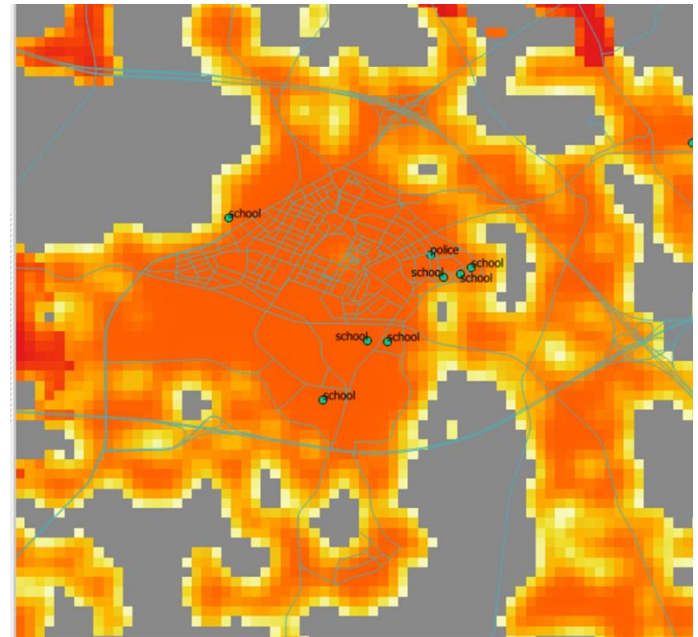
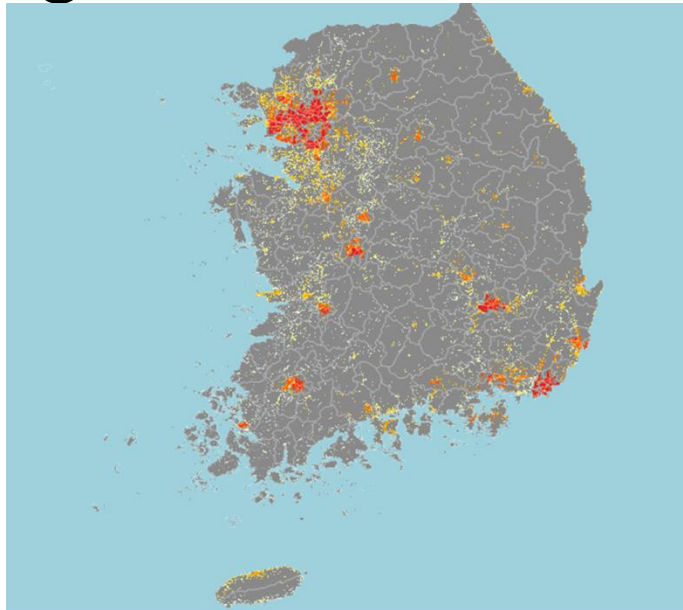
Direct Impacts  
-Economic Loss  
-Affected Population

Indirect  
Impacts

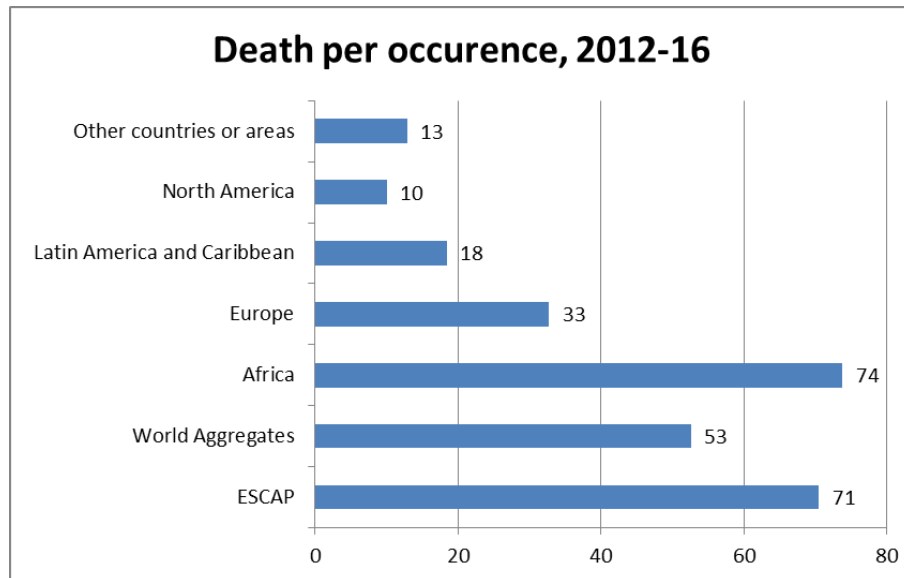
Disaster risk reduction activity, expenditure

# Hazard Exposure

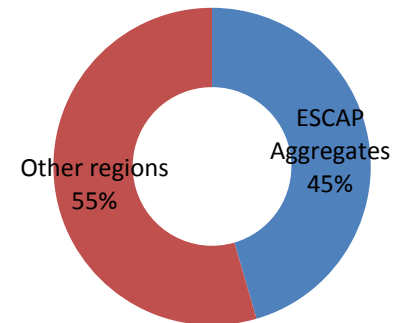
- Population in hazard/disaster areas
- Combination of high geographic resolution modelling of population data with scientific mapping of hazards



# Using Indicators to Assess the Challenges

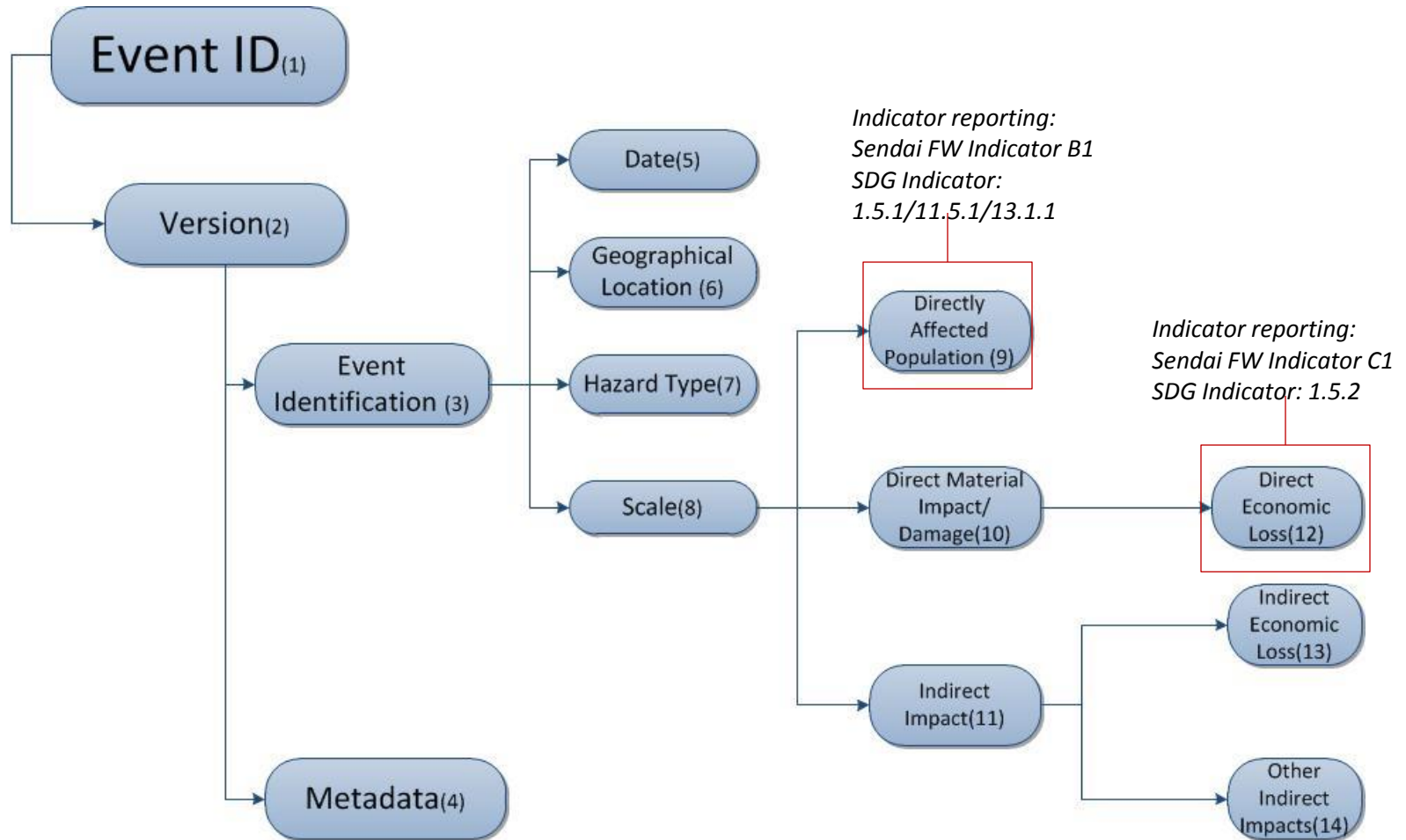


**Number of events, 2012-16**



ESCAP calculations, based on data from  
CRED/EM-DAT

# Direct Impacts Data Model



Adapted from OECD (2016): "Improving the Evidence Base on Costs of Disasters"



# Impacts to environment and cultural sites and heritage



# Environmental vulnerability



# Thank you for questions...

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