

Advancing Disaster-Related Statistics: Introducing the Global Disaster-Related Statistics Framework (G-DRSF)

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UN Office for Disaster Risk Reduction



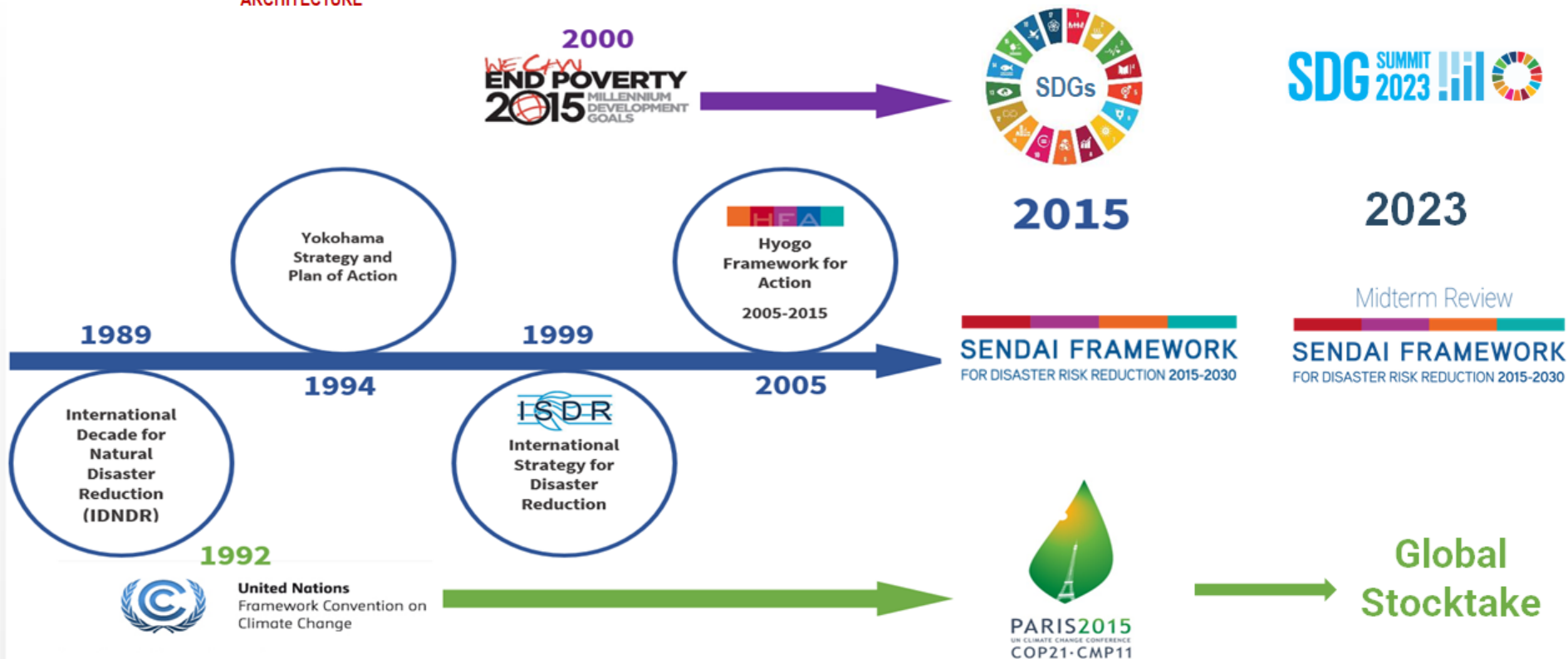
SENDAI FRAMEWORK
FOR DISASTER RISK REDUCTION 2015-2030

35 Years of Global Development and Risk Governance

Pre-1970s: AD-HOC
DISASTER RESPONSE

1970s-1990s:
HUMANITARIAN
ARCHITECTURE

PREPAREDNESS-CENTRIC DRR



Increasing need for more robust and comprehensive data

An Evolving and Inter-connected Disaster Data Ecosystem

Monitoring of Sendai Framework, SDGs & other global frameworks

7 targets
38 indicators

Generating official statistics in **171** countries



Global Goal on Adaptation

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Tracking disaster impacts



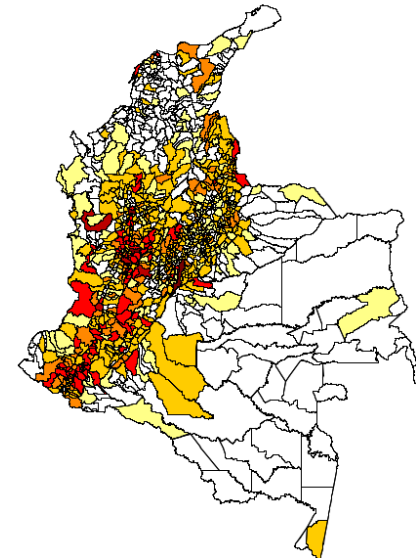
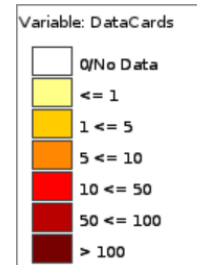
113 countries with L&D databases



A next generation disaster tracking system

undrr.org/L-DTracking

Houses damaged or destroyed due to landslides in Colombia



Why do we need a framework for disaster-related statistics?

Common language, structure, and standards needed to understand the real impacts of disasters and investments in disaster risk reduction.

- 1. Ensures comparability across countries and over time** – definitions, classifications
- 2. Strengthens evidence-based policy and investment** - based on objective assessments, clear metadata
- 3. Improves monitoring of global frameworks** (Sendai Framework, SDGs, Paris Agreement): consistency across indicators, national reporting that can be aggregated globally
- 4. Supports governance and coordination:** National Disaster Risk Management Offices and National Statistics Offices
- 5. Helps integrate disaster data with climate, economic, and social statistics** – e.g. national accounts, climate statistics, geospatial information systems, and social and health databases

Mandates for Disaster-related Statistics

■ UN General Assembly

- **2017:** Endorsed OIEWG recommendation to develop standards for disaster-related data and statistics including with engagement of national disaster risk reduction offices and national statistical offices (UNGA A/71/276).

■ UN Statistical Commission

- **2018:** Welcomed a greater focus on disaster-related statistics (49th Session, Decision 49/113).
- **2019:** Requested for the establishment of a mechanism to develop a common framework (50th Session, Decision 50/116).
- **2020:** An inter-agency and expert group (IAEG-DRS) was established; ToR approved by the Bureau of the UN Statistical Commission.
- **2021 and 2023:** Progress reports / side events organized.
- **2026:** G-DRSF submitted for adoption.



Link to Statistical Commission
documents

Inter-Agency and Expert Group on Disaster-related Statistics (IAEG-DRS)



- Annual Global Expert Forums
- Technical Webinars
- Regular technical meetings
- Global Consultation of the G-DRSF
- Reports to the UN Statistical Commission



At the Statistical Commission 2026



G-DRSF Endorsed!

Side Event with UNSC delegates

Briefing with Permanent Missions

<https://unstats.un.org/UNSDWebsite/statcom/documents/57>

Agenda item 4(c)

▼ Items for decision: Disaster-related statistics

Official Documents

E/CN.3/2026/20

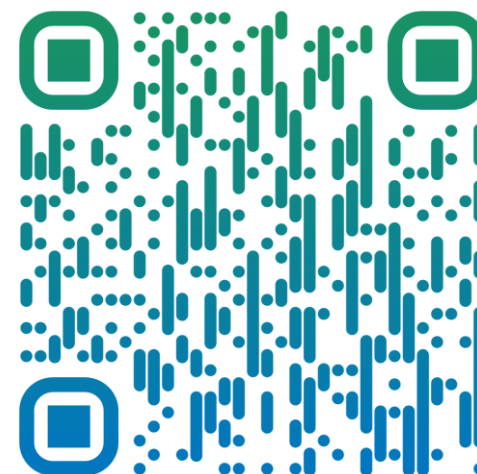
Report of the Inter-Agency and Expert Group on Disaster-related Statistics

[Arabic](#) | [Chinese](#) | [English](#) | [Español](#) | [Français](#) | [Russian](#)

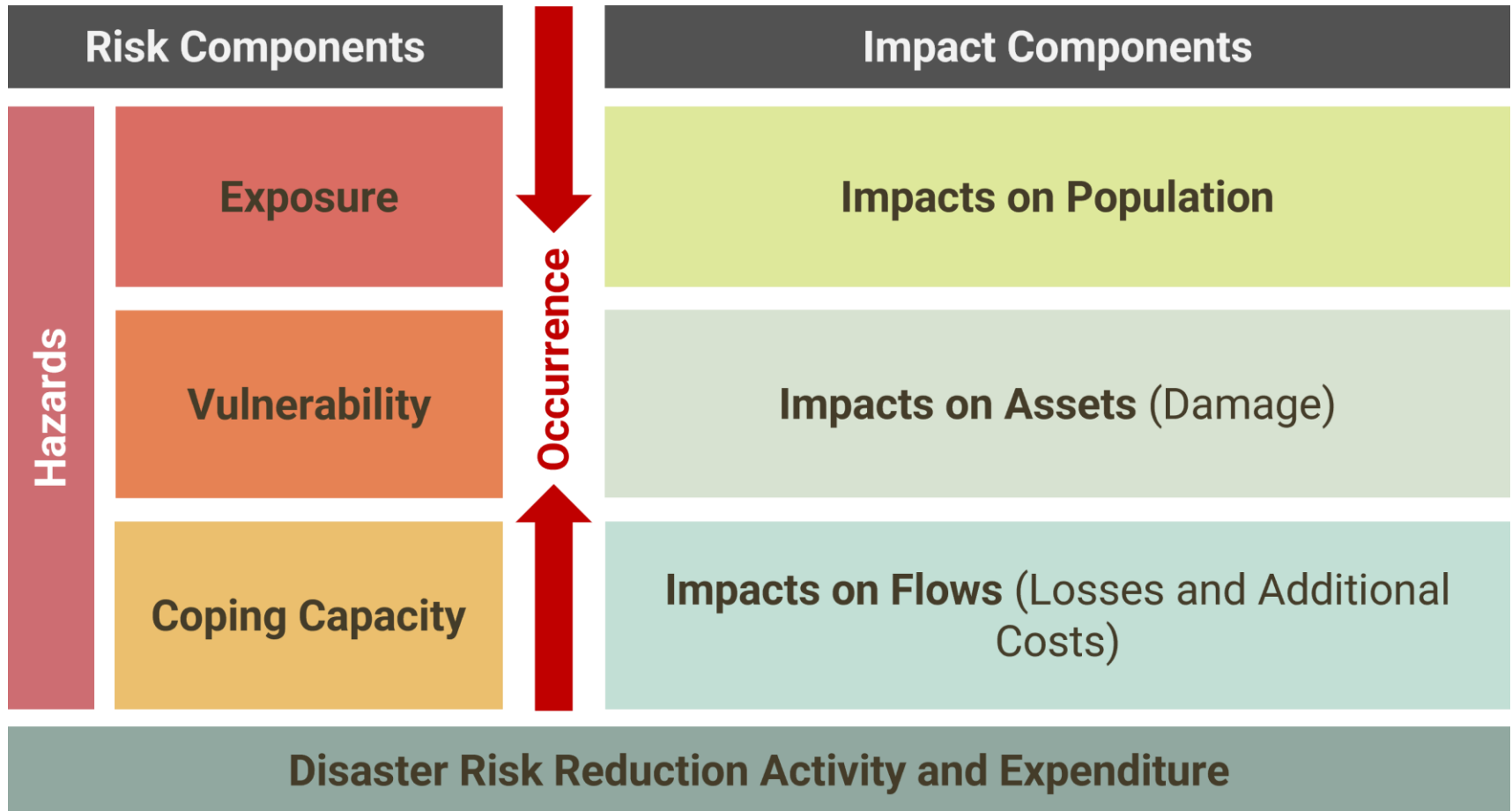
Background Documents

[The Global Disaster-Related Statistics Framework \(G-DRSF\)](#)

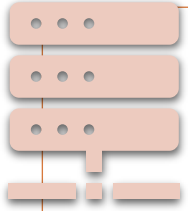
[Summary of Feedback from the Global Consultation on the Global Disaster-Related Statistics Framework](#)



The Conceptual Framework



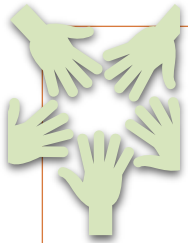
The G-DRSF Chapters



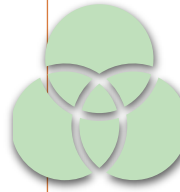
Chapter 1 - Introduction



Chapter 2 - Conceptual Framework: Scope, Concepts and Definitions



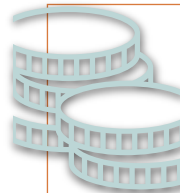
Chapter 3 - Implementation Ecosystem



Chapter 4 - Exposure, Vulnerability and Coping Capacity

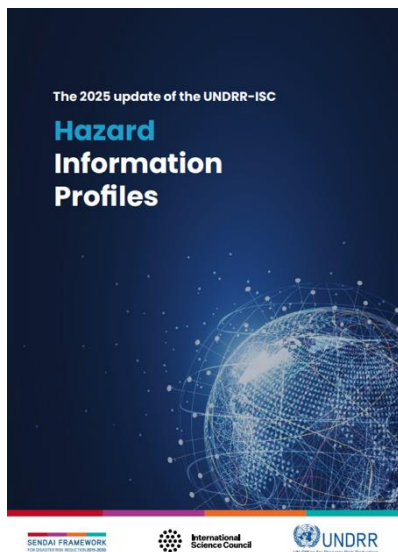


Chapter 5 - Occurrence and impacts



Chapter 6 - DRR Expenditure Accounting

Classifying Hazards – Hazard Information Profiles (HIPs)

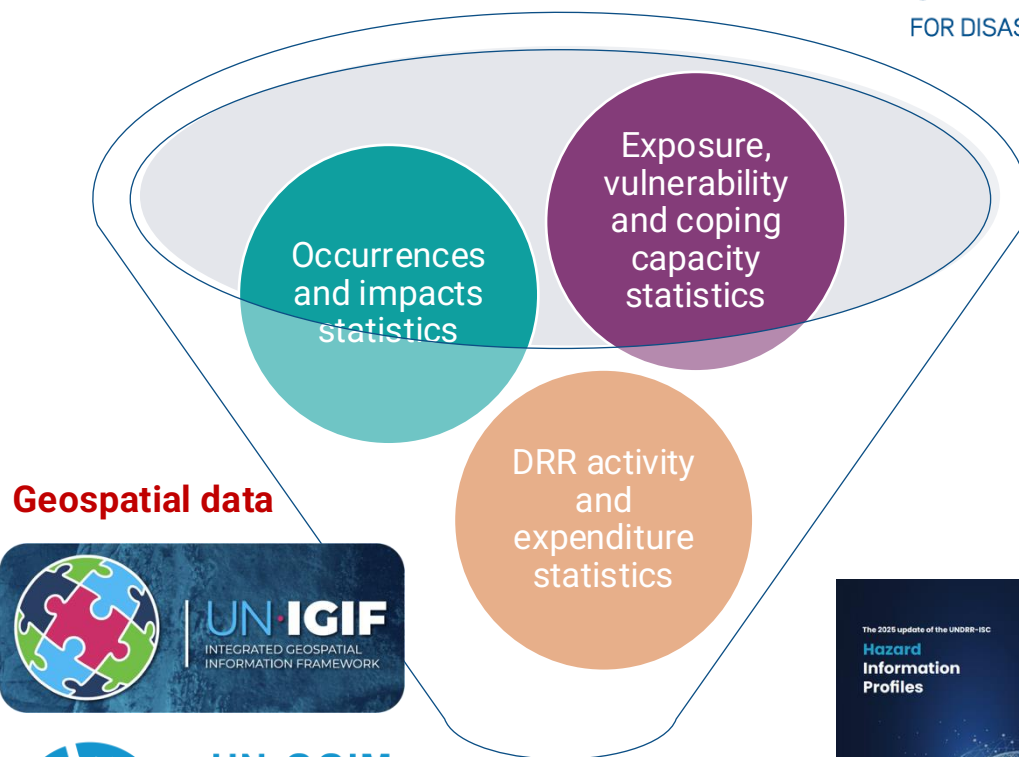


<https://council.science/wp-content/uploads/2025/07/HIPs-Report-2025-07-21.pdf>

The Disaster Data Ecosystem

SENDAI FRAMEWORK
FOR DISASTER RISK REDUCTION 2015-2030

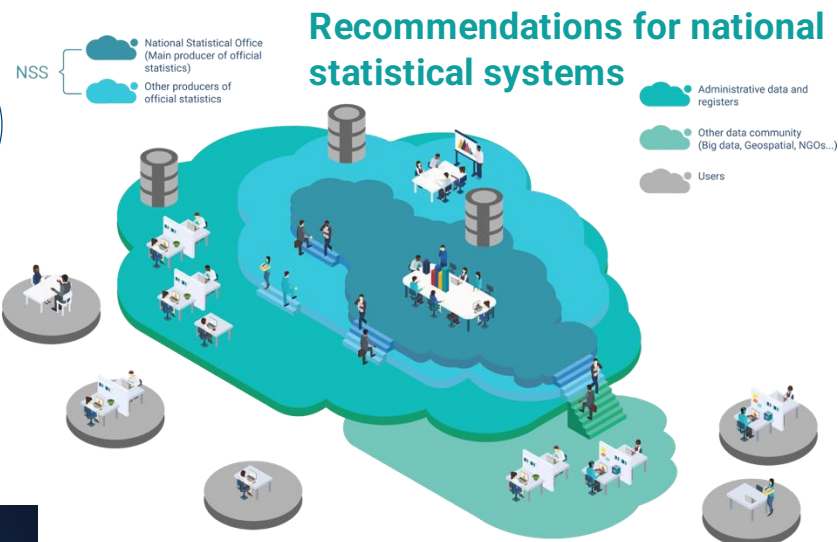
Common language,
terminology,
definitions



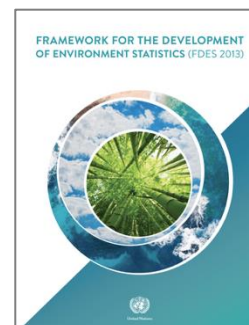
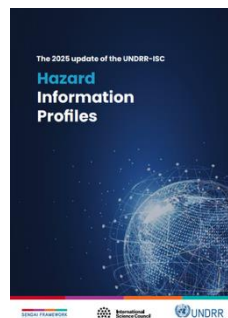
Geospatial data



**Evidence-based DRR
policy, action, investment**



**International
classifications**



**Statistical, DRR frameworks
and guidelines**

The G-DRSF Global Consultation

- The Global Consultation showed **broad appreciation** and support for the G-DRSF, its **relevance** and **scope**. **78 responses** were received in the global consultation.
- Respondents highlighted the **need and urgency** of a structured, global framework for both conceptual and practical uses.
- No clear gaps or deficiencies were identified.



Decision: Item 4(c) Disaster-related statistics

The Statistical Commission:

- Welcomed the report and background documents of the IAEG-DRS;
- Endorsed the Global Disaster-related Statistics Framework as the global statistical framework underpinning the production of these statistics;
- Encouraged countries to implement the Framework and stressed the importance of collaboration and coordination among national statistical offices, disaster risk reduction offices, and geospatial information agencies;
- Called upon the Expert Group to operationalize the Framework through the development of guidance, methodological tools, and capacity-building activities; and invited the Group to report back to the Commission on progress achieved in the framework's implementation.

Data Need for Coherent and Globally-comparable DRS



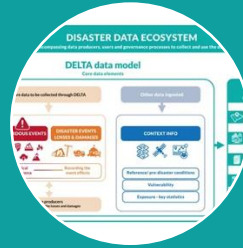
Antigua and
Barbuda
Agenda for
SIDS - ABAS



Sustainable
Development
Goals - SDG



Sendai
Framework
Monitor



DELTA-
Resilience



Global Goal
on Adaptation
for Paris
Agreement



Geospatial
information
framework
and data

Global Disaster-related Statistics Framework (G-DRSF)

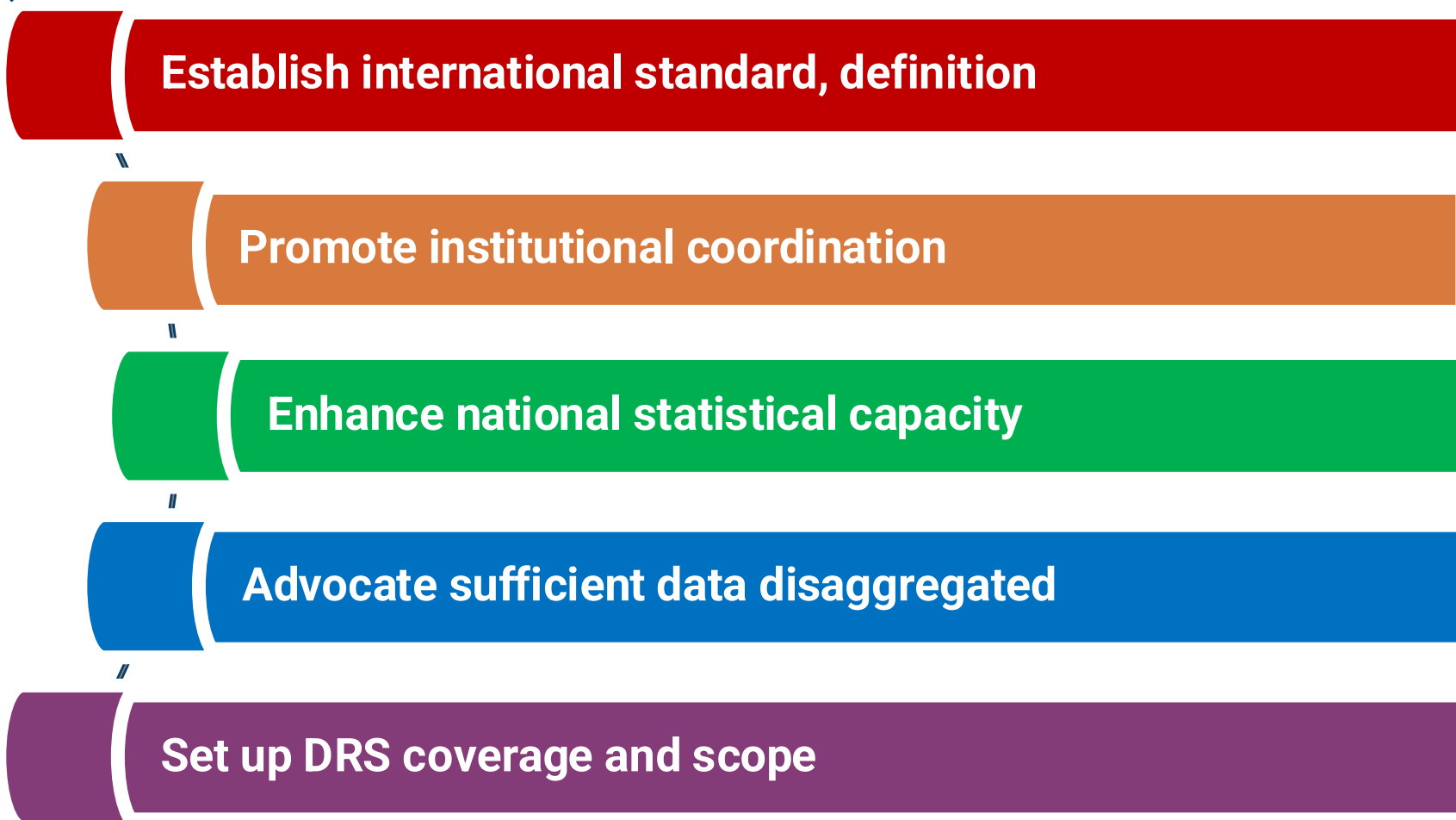
Standardization
and Definition

Consistent
Monitoring

Integrated System

Capacity and
Guidance

Implementation of the G-DRSF: Key Objectives



Establish international standard, definition

Promote institutional coordination

Enhance national statistical capacity

Advocate sufficient data disaggregated

Set up DRS coverage and scope



Thank you!

More information
www.undrr.org/drs