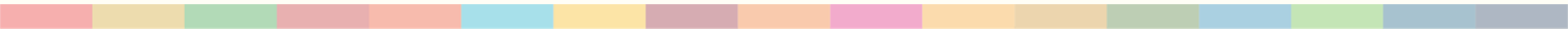


# Proposed TWG activities for 2022

## The 16<sup>th</sup> TWG on Disaster-related Statistics

*Wednesday, 30 March 2022, 13:00 – 14:30 hours, Bangkok time*

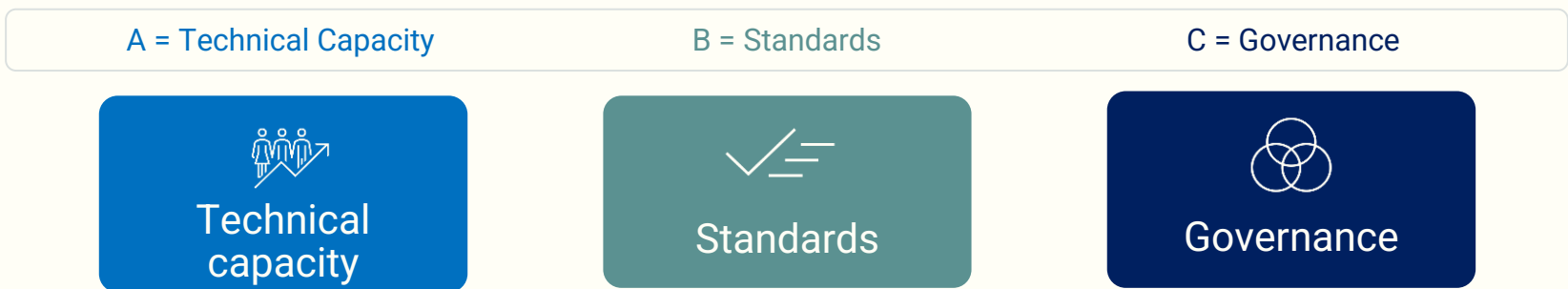
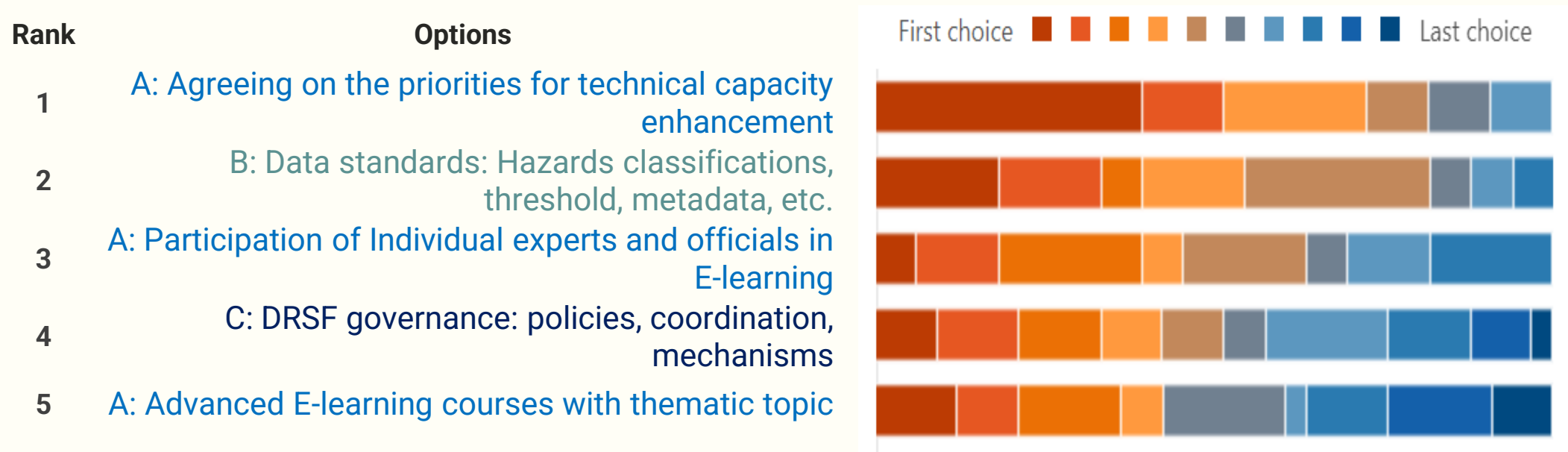


# Five-year Strategic Plan for TWG (May 2021)

Area	Status (May-21)	Target	2021	2022	2023	2024	2025
			Identification	Demonstration	Replication	Endorsement	Expansion
<b>Strengthening members' technical capacity</b>	No or limited technical capacities exchange through the TWG	Technical capacities are augmented through various capacity strengthening modalities, e.g. E-learning and thematic training, experience sharing / exchange, technical assistance, tools / instruments sharing	<p>Technical capacity needs assessment conducted</p> <p>E-learning is conducted and versions in different languages are available</p> <p>Members are familiar with the use of basic functions of the Confluence</p> <p>Brochures/ videos on what DRSF is and how it supports the country's DRR international reporting</p>	<p>Priorities for technical capacity enhancement are agreed</p> <p>Individual experts and officials participated in E-learning</p> <p>Advanced E-learning courses with thematic topics</p> <p>TWG to help promote the standardised quantification of disaster damage and losses on routine-basis in sectors responsible for reporting disaster impacts.</p>	<p>Simplified, localised language E-learning country-level courses</p> <p>Members request/offer technical capacity support in between TWG meetings</p> <p>Capacities for conducting special surveys and strengthen quality administrative data collection</p> <p>DRSF is adopted in four countries, including working in low-tech and low connectivity contexts</p>	<p>TWG endorses list of training modules, expert rosters and the confluence request/offer mechanisms</p> <p>Localised E-learning courses for engaging local officials and communities</p> <p>Showcases of national and local level good practices</p> <p>Country-level technical capacity strengthening good practices compiled</p> <p>TWG facilitates peer to peer learning exchanges between countries</p>	<p>Member countries conduct sub-national and/or sectoral training</p> <p>Members through the confluence request/ offer/ respond to technical capacity needs</p>
<b>Contributing to the development of internationally - agreed standards</b>	Early development of internationally - agreed standards	Internationally agreed standards reflect Asia-Pacific regional priorities	<p>Needs for standards assessed and preliminary works completed including the needs for accounting of small-scale disasters.</p> <p>TWG conveys to the global forums country's needs for more realistic standards</p>	<p>TWG facilitates discussions on hazards classifications, disaster threshold, metadata, practical calculation formula and translation to monetary terms</p> <p>TWG convey regional needs, innovations and good practices to the global processes</p>	<p>TWG actively deliberate and, through its representatives and champions, give feedback to the draft global standards</p> <p>TWG compiles good practices of real situation for better understanding and application of the standard</p>	<p>TWG actively deliberate and, through its representatives and champions, give feedback to the draft global standards</p> <p>TWG compiles good practices of real situation for better understanding and application of the standard</p>	<p>TWG actively deliberate and, through its representatives and champions, give feedback to the draft global standards</p> <p>TWG compiles good practices of real situation for better understanding and application of the standard</p>
<b>Supporting members' governance of disaster statistics</b>	Lack of coordination and cooperation between stakeholders results in data fragmentation, inconsistencies, and incomparability	Role of official statistics in measuring disasters are clarified and applied stakeholders are playing their parts in a coordinated manner.	<p>TWG uses existing frameworks to identify and assess the governance aspects of disaster statistics</p> <p>Contextualise UNECE guidelines to the region to address the disconnected disaster data to the national statistical system through clarification the role of NDMOs and NSO</p> <p>A model of inter-ministerial coordination</p>	<p>TWG incorporates governance as an added component of disaster statistics framework</p> <p>Compilation of practical examples and potentially research about collaboration and coordination and addressing barriers</p> <p>Training needs assessment on joint capacity building of NSOs and NDMOs</p> <p>Documentation of the governance framework for disaster statistics in at least one country</p>	<p>Good practices of governance framework in three countries, to include issues such as data collection, data security, and information dissemination</p> <p>Modules and models for decentralised engagement sub-national and communities</p> <p>Discussion on capitalising and broadening the interagency momentum emerging from Sendai and SDG monitoring and reporting</p>	<p>ESCAP Statistical Committee endorses the DRSF model</p> <p>Case studies and demonstrable good practices on making data to underpin decisions and investments that contribute to a public good/national development</p> <p>Good practices of governance framework in five countries</p> <p>Periodical update from Member States on the state of disaster - statistics governance</p>	<p>TWG make available and facilitates exchange of good practices of governance frameworks to support countries continuous improvements</p>

Results of the year-end survey

# 2022 top 5 priorities



# Other topics proposed for 2022

- Derivation of SDG indicators
- Step-by-step compilation methodologies for DRSF tables
- Loss and damage calculation
- Localisation of DRSF
- Hazard mapping
- Existing systems in other countries
- Challenges of coordination mechanism between NSO and NDMO
- Data collection and data management systems (ex. One Disaster Data)
- Advocacy of DRR in general public

# Proposed Topics for TWG Meetings 2022

- **Occurrence statistics**

- Meeting #1: Producing statistics for disaster occurrences

*Topics will include hazard classification and hazard mapping.*

- **Background statistics and exposure to hazards**

- Meeting #2: Identifying data needs for background statistics and exposure to hazards

*Topics will include basic categories for disaggregated statistics.*

- **Impact statistics**

- Meeting #3: Producing human impact statistics

*Topics will include statistics on human impacts.*

- Meeting #4: Producing direct material impact statistics

*Topics will include statistics on direct material impacts.*

- Meeting #5: Producing direct material impacts in monetary terms

*Topics will include statistics on direct material impacts in monetary terms.*

- Meeting #6: Reporting material impacts to agriculture and direct environmental impacts

*Topics will include reporting material impacts to agriculture and direct environmental impacts.*

- **Expenditure statistics**

- Meeting #7: Identifying data needs for disaster risk reduction expenditure account

*Topics will include identifying data need for disaster risk reduction expenditure account.*

<b>Proposed Topics for TWG Meetings 2022</b>
<b>Occurrence statistics</b>
<b>Meeting 01: Producing statistics for disaster occurrences</b>
Topics: 1) Hazard classification; 2) Hazard mapping
<b>Background statistics and exposure to hazards</b>
<b>Meeting 02: Identifying data needs for background statistics and exposure to hazards</b>
Topic: Basic categories for disaggregated statistics
<b>Impact statistics</b>
<b>Meeting 03: Producing human impact statistics</b>
Topic: Statistics on human impacts
<b>Meeting 04: Producing direct material impact statistics</b>
Topic: Statistics on direct material impacts
<b>Meeting 05: Producing direct material impacts in monetary terms</b>
Topic: Statistics on direct material impacts in monetary terms
<b>Meeting 06: Reporting material impacts to agriculture and direct environmental impacts</b>
Topic: Reporting material impacts to agriculture and direct environmental impacts
<b>Expenditure statistics</b>
<b>Meeting 07: Identifying data needs for disaster risk reduction expenditure account</b>
Topic: Identifying data need for disaster risk reduction expenditure account

# 2022 Proposed Plan



Proposed Topics for TWG Meetings 2022 <sup>2</sup>	Disaster-related Statistics by DRSF Tables		Technical Capacity				Standards	Governance
			(1) Hazard Mapping	(1) SFM and SDG	(3) E-learning <sup>3</sup>	(5) Advanced e-learning required	(2) Data Standards	(4) DRSF governance: policies, coordination, mechanisms
<b>Occurrence statistics</b>	<b>Occurrence statistics</b>							
<b>Meeting 01: Producing statistics for disaster occurrences</b>	<b>Table A: Summary of disaster occurrences</b>							
Topics: 1) Hazard classification; 2) Hazard mapping	Table A1:	Summary table of disaster occurrences, by <a href="#">hazards</a> types, scale, and geographic region	Y	N	Y	TBC	Y	Data Governance: Coordination and policies on nationally adopted list of hazards classification and definitions
<b>Background statistics and exposure to hazards</b>	<b>Background statistics and exposure to hazards</b>							
<b>Meeting 02: Identifying data needs for background statistics and exposure to hazards</b>	<b>Table B: Selected Background Statistics and Exposure to Hazards</b>							
Topic: Basic categories for disaggregated statistics	Table B1a:	Population Background Statistics and Hazard Exposure by geographic regions	Hazard overlay	Y	Y	TBC	Y	Roles and responsibilities NDMA vtz NSO
	Table B1b:	Population Exposure by social groups	Hazard overlay	Y	Y	TBC	Y	Institutional Governance: Policies on sex, age, and disability data disaggregation (ex. NSO's mandate to produce statistics on vulnerable groups)
	Table B2a:	Exposure of Land and Infrastructure by Hazard Type	Hazard overlay	N	Y	TBC	Y	Roles and responsibilities NDMA, NSO and national geoscience agency
	Table B3:	Disaster Risk Reduction Expenditure Account: Coping Capacity Background Statistics	N	Y	Y	TBC	Y	Institutional Governance: Expenditure data sharing policies and mechanism
<b>Impact statistics</b>	<b>Impact statistics</b>							
<b>Meeting 03: Producing human impact statistics</b>	<b>Table C: Summary of Human Impacts</b>							
Topic: Statistics on human impacts	Table C1:	Summary table of human impacts by hazard type	Hazard overlay	Y	Y	TBC	Y	Data Governance: 1) Policies on confidential information used in DRS (e.g. in health administrative records); 2) Coordination mechanism for mortality statistics (and CRVS)
	Table C2:	Summary of human impacts by hazard type and geographic regions	Hazard overlay	Y	Y	TBC	Y	
	Table C3:	Summary table of affected population by demographic and social categories	N	Y	Y	TBC	Y	
<b>Meeting 04: Producing direct material impact statistics</b>	<b>Table D: Summary tables of direct material impacts</b>							
Topic: Statistics on direct material impacts	Table D1a:	Summary table of direct material impacts by hazard type	Hazard overlay	Y	Y	TBC	Y	Institutional Governance: Mechanism for national and sub-national loss and damage data management and storage
	Table D1b:	Summary table of direct material impacts by hazard type and geographic region	Hazard overlay	Y	Y	TBC	Y	
	Table D2a:	Disruption of basic services from a Disaster by hazard type	Hazard overlay	Y	Y	TBC	Y	
	Table D2b:	Disruption of basic services from a Disaster, by geographic region	N	Y	Y	TBC	Y	
<b>Meeting 05: Producing direct material impacts in monetary terms</b>	<b>Table E: Summary tables of direct material impacts in monetary terms</b>							
Topic: Statistics on direct material impacts in monetary terms	Table E1a:	Direct material impacts by hazard type	Hazard overlay	Y	Y	TBC	Y	Institutional Governance: Mechanism for national and sub-national loss and damage data management and storage
	Table E1b:	Summary table of direct material impacts by hazard type and geographic region	Hazard overlay	Y	Y	TBC	Y	
<b>Meeting 06: Reporting material impacts to agriculture and direct environmental impacts</b>	<b>Table F: Material impacts to Agriculture</b>							
Topic: Reporting material impacts to agriculture and direct environmental impacts	Table F1:	Summary of material impacts to Agriculture by hazard type	Hazard overlay	Y	Y	TBC	Y	Institutional Governance: Mechanism for <del>centralised</del> database for loss and damage
	<b>Table G: Summary tables of direct environmental impacts</b>							
	Table G1:	Summary table of direct environmental impacts by hazard type at country level	Hazard overlay	N	Y	TBC	Y	Institutional Governance: Mechanism for <del>centralised</del> database for loss and damage
	Table G2:	Summary table of direct environmental impacts by hazard type and geographic region	Hazard overlay	N	Y	TBC	Y	
<b>Expenditure statistics</b>	<b>Expenditure statistics</b>							
<b>Meeting 07: Identifying data needs for disaster risk reduction expenditure account</b>	<b>Table DRRE: Disaster Risk Reduction Expenditure Account</b>							
Topic: Identifying data need for disaster risk reduction expenditure account	Table DRRE_A:	Production expenditure account (current plus investment) by activity	N	Y	Y	TBC	Y	Institutional Governance: Expenditure data sharing policies and mechanism
	Table DRRE_B:	Transfers expenditure account & DRR National Expenditure	N	Y	Y	TBC	Y	

## Participation in the DRSF e-learning course

- **Updates on the E-learning on DRSF**
  - Facilitated training in early 2021
  - Available as self-paced in the SIAP LMS
- **How could the TWG Secretariat facilitate your participation in the DRSF course (both facilitated and self-paced)?** (Ex., assist in accessing to the course, provide more examples relevant to the course, etc.)
- **For advanced e-learning courses with thematic topics, what topic(s) would you like learn more?**



### Self-Paced Learning

Environment and Disaster statistics

Disaster related statistics  
framework\_Self



# THANK YOU

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