Overview: E-learning course on the Disaster-related Statistics Framework (DRSF)

Background

The ESCAP Committee on Statistics endorsed the Disaster-Related Statistics Framework in 2018. This would require several components: a) a Disaster-Related Statistical Framework; b) engagement within the region and the rest of the world; c) a TWG as a platform for working together and exchanging information and experience; and d) a training scheme. The Committee, therefore, expressed its support for the development of training materials to support the implementation of the framework in countries.

Following up on the recommendations of the Committee to build capacity in countries for the compilation of disaster related statistics, ESCAP in collaboration with partner agencies, has developed training materials for in person workshops. In order to reach a broader audience in a cost-effective manner, the materials are already compiled into an e-learning course.

The training is aimed at those working in national statistical offices, national disaster management agencies, and others who are involved in the disaster-related statistics. ESCAP expects that the training will build the capacity for the compilation of disaster related statistics for enhancing disaster management and promote the risk-informed sustainable development in the countries and, at the same time, facilitate better national monitoring and reporting on the Sendai Framework for Disaster Risk Reduction and the 2030 Agenda for Sustainable Development.

Learning Objective:

Participants will be able to relate the concepts of disaster related statistics to their functions and responsibilities in the contexts of their respective countries and employ such skills to contribute to the monitoring and reporting on global frameworks including Sendai Framework and SDGs.

Modules of the course

Module 1: Introduction to the DRSF
- Why we need to harmonize statistics
- The policy context of the DRSF
- Working with the DRSF

Relevant materials: Typical national Disaster Management Framework, SDGs, SENDAI, DRSF Ch 1 and Ch 2

Module 2: Measuring disaster risk
- Assessing risks
- Hazard statistics
- Exposure statistics
- Vulnerability statistics
- Coping capacity statistics

Relevant materials: DRSF Ch 3, Ch 7 and Ch 8

Module 3: Measuring disaster occurrence and impacts
- Disaster occurrence statistics
- Introduction to impact statistics
- Human impacts
- Impacts to livelihood

Relevant materials: DRSF Ch 4, Ch 7 and Ch 8

Module 4: Measuring economic loss

- Material impacts
- Technical aspects of validation
- Agricultural losses
- Productive assets, housing and agriculture
- Impacts to the environment and cultural heritage

Relevant materials: DRSF Ch 4, Ch 7 and Ch 8

Module 5: Disaster-risk reduction Expenditure statistics

- Concept of national account and DRSF satellite account
- Risk reduction expenditure
- Disaster response and recovery expenditure
- Disaster-related development expenditure
- Disaster-related transfers

Relevant materials: DRSF Ch 4, Ch 7 and Ch 8

Module 6: Compiling **and presenting the data**

- Creating the enabling environment
- Integrating the DRSF into a national statistical system
- Disaggregation and analysis
- Data collection and analysis in the disaster risk management process

Relevant materials: DRSF Ch 6, Ch 8 and Ch 9

Module 7: The DRSF's application to the COVID-19 pandemic

- Compiling COVID-19 statistics

The E-learning course is a collaboration of ESCAP and SIAP, with SIAP as lead. The course will be a future course in SIAP. Target for completion (after review from partner agencies) is in November 2020.

Partner agencies: UNDRR, ESCAP-APDIM and ESCWA

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