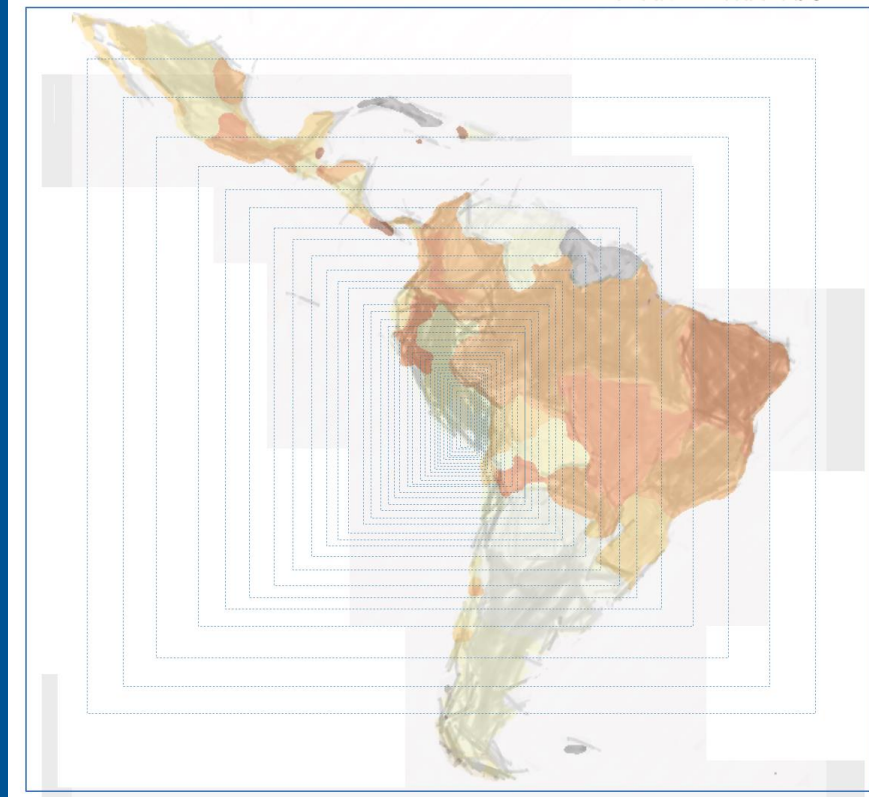


WORKING GROUP ON THE MEASUREMENT AND RECORDING OF INDICATORS RELATED TO DISASTER RISK REDUCTION WG-DRR



Regional workshop: Addressing coordination and data sharing challenges for better environment, climate change and disaster indicators

22 NOVEMBER 2022

Target

Goal / Target



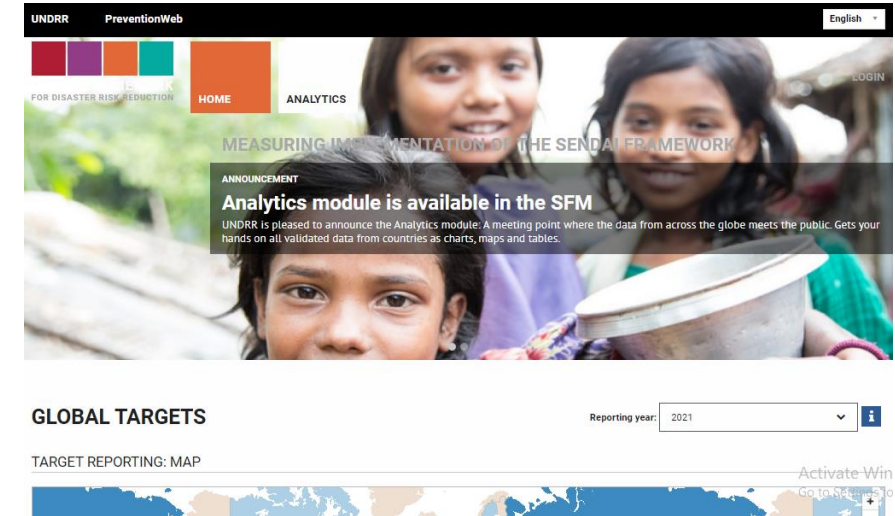
SFM – The Tool

SFM consists of three major modules:

1. **Global Targets:** 7 targets and 38 indicators
2. **Custom Targets and indicators:** Free to choose from over 250 indicators or add.
3. **Analysis:** Maps produced based on data entered.

Access Types:

1. **National Coordinator: (up to 2 persons)** – a. sets up the system by giving access to institutions and persons and assigning roles, targets and indicators to users, b. coordinates data entry process, c. sole access to enter metadata annually.
2. **Contributor:** Enters data against assigned targets and indicators by national coordinator.
3. **Validator:** Verifies that the data entered is accurate and can return the data for further modification. No data entry allowed (now being phased out)
4. **Observer:** Checks the data entered and gives comments. No data entry allowed.



Accessing SFM Training Environment

SFM training website

<https://sendaimonitortraining.undrr.org/>

In order to access the training environment of the Sendai Framework monitor, please use the following information:

Username: {any country ISO code (3 digits)}@sendai.com

Password: **123456**

(Example: For Suriname, the username is sur@sendai.com)


The information on the ISO codes (3 digit) for all countries is available here

<https://unstats.un.org/unsd/tradekb/knowledgebase/country-code>.

The country ISO code for any country can be used to login, as this is a training environment.

LOGIN TO SENDAI FRAMEWORK

Please choose **Login with PreventionWeb** unless you are attending a UNDRR training session.

 **PreventionWeb**
Standard Login
Login with PreventionWeb unless you are attending a UNDRR training session.
LOGIN WITH PREVENTIONWEB

Training Account

For use with in-person or virtual training sessions. Credentials will be provided by instructor.

LOG IN WITH TRAINING ACCOUNT 

Website:

<https://sendaimonitortraining.undrr.org/>

BACKGROUND

2018-2019

Theoretical Framework (DRM & Statistics:) Terms and concepts used for the measurement of Sendai Framework for Disaster Risk Reduction 2015-2030 indicators (Spanish only)

Grupo de Trabajo sobre la Medición y Registro de Indicadores Relativos a la Reducción del Riesgo de Desastres (RRD)

Comentario: En cuanto a los factores positivos que aumentan la capacidad de las personas para hacer frente a las amenazas, véase también las deficiencias de "capacidad" y "capacidad de afrontamiento".
Fuente: OEWG

Zona geográfica
Escala más de agregación de datos para el monitoreo de los indicadores de los marcos globales del Marco de Sendai. La zona geográfica geográfica se refiere a las dependencias públicas administrativas al nivel territorial o divisiones administrativas a nivel subnacional, es decir de seguridad o terror nivel siendo provincias / estados o departamentos o nivel de municipios / barrios o afines donde existen administraciones de gobierno.

Zona metropolitana
Una gran concentración de población de ordinaria, un área con 100.000 o más habitantes y que contiene, al menos, una ciudad de 50.000 o más habitantes y algunas zonas administrativas limítrofes a la ciudad que están social y económicamente integradas con ella.
Fuente: CAN 2

Zona urbana
Las definiciones de zonas urbanas varían de un país a otro. Típicamente, se considera urbana una zona con una población de 2.000 o más habitantes. El Demographic Yearbook of the Naciones Unidas publica una lista de definiciones por país.
Fuente: CAN 2

Zonificación
Proceso general mediante el cual se subdivide el espacio geográfico con algún fin, sobre todo para instrumentar políticas públicas de uso del suelo. En su forma más común, esta política se estructura en torno a un sistema de asignación de usos del suelo, dentro del cual se identifican terrenos o zonas para un uso preferente. Este tipo de política y estrategias de zonificación se configuran en los planes de ordenamiento del territorio.
Comentario: Se trata de un instrumento de regulación y control de los usos del suelo con el propósito de evitar incompatibilidades y conflictos de uso del suelo a nivel interjurisdiccional, respetando las áreas sujetas a regímenes especiales. Tal zonificación deberá servir como un instrumento de regulación y control de los usos del suelo y estará asociada a los instrumentos que inciden en las operaciones de mercado de tierras.
El propósito de zonificar es separar áreas con similitudes potencialidades y limitaciones para el desarrollo. Los programas específicos pueden, entonces, formularse para proporcionar el apoyo más efectivo para cada zona. La unidad urbana, las áreas de transición o interfaz urbano rural, las áreas rurales, las áreas naturales, y otros sujetos a regímenes especiales.
Fuente: Agencia Provincial de Ordenamiento Territorial - Mendoza, Argentina.

Grupo de Trabajo sobre la Medición y Registro de Indicadores Relativos a la Reducción del Riesgo de Desastres (RRD)
- Marco Teórico -

Agosto 2019

El presente documento es el producto de un trabajo colaborativo entre los miembros del Grupo de Trabajo sobre la Medición y Registro de Indicadores Relativos a la Reducción del Riesgo de Desastres¹ de la Conferencia de Estadísticas de las Américas y fue desarrollado en el marco de su plan de trabajo 2018-2019

¹ Perú y Paraguay (co-coordinación) junto con Bolivia, Colombia, Cuba, Chile, Ecuador, México, Nicaragua y República Dominicana y con la colaboración técnica de UNDRR, CEPAL, ONU Ambiente y el Gobierno de Alemania


Institutional and methodological recommendations for the measurement of indicators for the disaster-related Sustainable Development Goals and the Sendai Framework for Disaster Risk Reduction



2020-2021

Institutional and methodological recommendations for the measurement of indicators for disaster-related SDGs and the Sendai Framework for Disaster Risk Reduction

Recomendaciones institucionales y metodológicas para la medición de indicadores ODS relacionados con desastres y con el Marco de Sendai para la Reducción del Riesgo de Desastres



Grupo de Trabajo sobre la Medición y Registro de Indicadores Relativos a la Reducción del Riesgo de Desastres en América Latina y el Caribe
GT-RRD

Conferencia de Estadísticas de las Américas
2020-2021



2022-2023

Tools for the production of Disaster Risk related indicators

Medición y registro de indicadores sobre RRD en las Américas y el Caribe



Herramientas y materiales de referencia en línea para avanzar en la producción de indicadores ODS y Sendai relacionados con los desastres en los países ALC

GROUP COMPOSITION

12 member countries and several working subgroups:

Coordinating countries

INE Paraguay
INEI Perú

Members

INE Bolivia
INE Chile
DANE Colombia
INEC Costa RICA
ONEI Cuba

INEC Ecuador
INEGI México
INIDE Nicaragua
ONE República Dominicana
INE Uruguay

Technical supporting agencies

UNEP, UNDP, OCHA

Technical Secretariat

UNDRR / ECLAC Environmental Statistics Division



Specific objectives

Promote the institutional & methodological recommendations for estimating disaster risk indicators.

Strengthen reporting processes on Sendai Framework implementation including role of NSOs.

Provide a web space for tools and reference materials.

Enhance technical & methodological capacities on disaggregated data.

Foster coordination between national systems (statistics & DRR).

PRODUCT CONTENT

TOOLS FOR THE PRODUCTION OF DISASTER RISK RELATED INDICATORS

Data quality requirements

Tools, successful experiences, good practices and information

Diagnosis and analysis of data quality for the construction of indicators

Tools that show the progress, status of data & information

Online interactive matrix of institutional and methodological recommendations

Online matrix where national users interact to complement information, data and tools

Regional and global orientation on information and statistical data for disaster risk

Space for reference materials, courses and links related to disaster risk statistics

Online tools and reference materials to advance the production of SDG and Sendai indicators related to disasters in LAC countries



	Acuerdos institucionales	Conceptos y términos homologados	Diagnóstico de la información necesaria	Clasificación y homogenización de los datos de riesgos y desastres	Gestión de los datos	Procesamiento y generación del dato estadístico	OBSERVACIONES
Metadatos	Relación con los ODS/MDA (Marco de estadísticas ambientales)						
Generación							
Integración							
Meta A	ODS/MDA						
Meta B	ODS/MDA						
Meta C	ODS/MDA						
Meta D	ODS/MDA						
Meta E	ODS/MDA						
Meta F	ODS/MDA						
Meta G							

Useful links



IMPORTANT GROUP ACTIVITIES

Regular bi-monthly meetings

Working subgroups created to support Workplan implementation



Progress towards a web space (online tools & reference materials)

Medición y registro de indicadores sobre RRD en las Américas y el Caribe

Herramientas y materiales de referencia en línea para avanzar en la producción de indicadores ODS y Sendai relacionados con los desastres en los países ALC

Global Set of Climate Change Statistics and Indicators - towards a statistical framework for disaster-related statistics

Second Expert Forum for Producers and Users of Disaster-related Statistics (Hybrid) 6-7-8 Sept 2022 from 12:00 to 4:00 PM Beirut Time ESCWA -UN House, Beirut, Lebanon

Calendar of exchanges & events

El Grupo de Trabajo sobre la Medición y Registro de Indicadores Relativos a la Reducción del Riesgo de Desastres en América Latina y Caribe (GT-RRD) invita a:

VIDEOCONFERENCIA
Recomendaciones Institucionales y Metodológicas para la medición de indicadores ODS relacionados con desastres y del Marco de Sendai

Registro: 27 de octubre del 2022
09:00 am (GMT 5 Panamá, Colombia, Perú)
11:00 am (GMT 3 Uruguay, Chile)

Documentos del Grupo de Trabajo sobre la Medición y Registro de Indicadores relativos a la Reducción del Riesgo de Desastres en América Latina y Caribe (GT-RRD)

Agenda

Day 1: 6 September 2022

Welcome and Opening Remarks
12:00-12:20
S Stefan Schweinfest, Director, UN Statistics Division
Loretta Heber Girardet, Chief of Branch, United Nations Office for Disaster Risk Reduction, UNDRR
Mounir Tibet, Deputy Executive Secretary, United Nations Economic and Social Commission for Western Asia, UNESCAP

Keynote
Haishan Fu, Director, Development Data Group, Development Economics, World Bank Group

Session I: Advancing Official Statistics for Informing Disaster Risk Reduction
Organizers: UNDRR, ESCAP, UNSD, UNESCAP, LAS
Moderator: Wafa Aboul Hoss (ESCWA) and Michael Nagy (ECE)

Global and regional efforts to advance disaster-related statistics
12:20-12:25
• Summary of the First Forum
Michael Nagy, Economic Affairs Officer, Economic Commission for Europe (ECE)
12:25-12:40
• Progress and status of global efforts to advance disaster-related statistics
Co-chairs of the Inter-Agency and Expert Group on Disaster-related Statistics: Animesh Kumar, Senior Programme Management Officer (UNDRR) and Rikke Hansen, Chief of Section, Statistics (ESCAP)

PRODUCT CONTENT

TOOLS FOR THE PRODUCTION OF DISASTER RISK RELATED INDICATORS

Measurement of DRR indicators for Sendai Framework in the Americas and the Caribbean

Online tools and reference materials to advance the production of SDG and Sendai indicators related to disasters in LAC countries

This is a virtual space that builds on the advances of the Group in its previous periods and creates a web space like a portal of information and related tools. One of the most common challenges among countries is the confidentiality of data and the systematization at the country level of data from different sources. In this sense, this web portal aims to be a space of multisectoral interest, of actors involved in the monitoring and reporting process and parties interested in

Online Courses and Training

Introduction to the methodology for FAO damage and loss assessment

This course is part of a series that aims to introduce the FAO methodology on damage and loss, developed by FAO to help countries generate accurate and comprehensive data for the agricultural sector.



[Access the course here](#)

How to use the FAO methodology to calculate damages and losses

This course presents the formulas used to calculate damages and losses in the agricultural sectors (crops, livestock, forestry, aquaculture and fishing).



[Access the course here](#)

An orientation to using the online Sendai Framework Monitor

Learn to use the online Sendai Framework Monitor to report on global and national implementation progress of the Sendai Framework for Disaster Risk Reduction 2015-2030.



An orientation to using the online Sendai Framework Monitor



Webinars and Events of the Technical Working Group for Statistics

First Expert Forum for Producers and Users of Disaster-related Statistics

Pre-recorded presentations related to the "First Expert Forum for Producers and Users of Disaster-related Statistics", held online on 7, 8 and 10 June 2021.



ECLAC methodology for the monetary estimation of damages and losses due to disasters (goal C of the Sendai Framework)

Dates: 5-9 October 2020

Access to Webinar material:

[Webinar Recording](#)

[Program of Webinar.](#)

Methodology to measure interruptions to basic services attributed to disasters (Sendai indicator D5) Dominican Republic

Dates: 26th October 2020

Access to Webinar material:

[Webinar recording](#)

[Presentations and documents: Development of tool, Global Initiative of Management, Abstract of work.](#)



Working Groups by period of implementation

The Working Group on the Measurement of Indicators related to Disaster Risk Reduction (GT-DRR) was created in November 2017 within the framework of the IX Meeting of the Statistical Conference of the Americas (CEA/CEPAL) in a manner that responds to the commitments made by the Member States of the United Nations with the adoption of the Sendai Framework for Disaster Risk Reduction 2015-2030 and the adoption in February 2017 of the report and recommendations of the Intergovernmental Working Group of Experts Open-Ended Forum on Indicators and Terminology Related to Disaster Risk Reduction (OIEWG) through Resolution A/RES/71/276 of the United Nations General Assembly. These indicators correspond directly to indicators of targets 1.5, 11.5, 11.b and 13.1 of the Sustainable Development Goals.

In this section you can download the products of the Working Group on the Measurement of Indicators related to Disaster Risk Reduction in Latin America and the Caribbean.

Period 2022-2023

In order to continue and innovate the advances of DRR and the improvement of data quality already proposed by the GT-DRR in previous periods, for the 2022-2023 biennium the group has the challenge of strengthening information management practices statistics related to Disaster Risk Reduction based on disaster-related SDG indicators and the Sendai Framework.

For this purpose, the group proposes the creation of "an online toolkit and reference materials to advance the production of SDG and Sendai indicators related to disasters in LAC countries."

This toolbox is not only a mechanism to have online access to materials, information and supplies for DRR, but it is constituted from the institutional and methodological recommendations and its Matrix of Requirements proposed by the GT-DRR for the year 2020-2021. Hence, the proposal highlights the importance of applying and giving sustainability to the proposed actions and joining new efforts in the process of reducing disaster risks in the region.

Period 2020-2021

The Working Group on the Measurement and Registration of Indicators Related to Disaster Risk Reduction (GT-DRR), has an important role in the integration and contribution of global efforts for the measurement, registration and reporting of indicators of the goals of the Sendai Framework for Disaster Risk Reduction 2015-2030 and the SDG indicators related to disasters. Integration and contribution of global efforts for the measurement, registration and reporting of indicators of the goals of the Sendai Framework for Disaster Risk Reduction 2015-2030 and the SDG indicators related to disasters.

For the 2020-2021 period, the Working Group is responsible for preparing the document "Institutional and methodological recommendations for measuring SDG indicators related to disasters and the Sendai Framework for DRR". It constitutes a base and reference tool on recommendations and a general statistical methodological procedure for the generation of quality data for the measurement of the 38 indicators and 7 goals of the Sendai Framework and the SDGs related to Disaster Risk Reduction. This document is accompanied by a matrix of requirements that constitutes a preliminary tool to collect the information and data of importance for this purpose.

The material developed during this period has been possible thanks to the support of the Spanish Agency for International Development Cooperation AECID.

Institutional and methodological recommendations for measuring SDG indicators related to disasters and the Sendai Framework for Disaster Risk Reduction

This document was prepared by the Working Group on Measurement and Registration of Indicators Related to Disaster Risk Reduction.

[Download document](#)
[Download presentation](#)

ANNEX: Matrix of Requirements - draft version

Diagnostic mechanism that helps identify the progress and needs in those statistical processes that require greater precision and support from the NSOs and the actors involved.

[Download here](#)

<https://www.undrr.org/measurement-indicators-sendai-framework>

PRODUCT CONTRIBUTIONS

CONTRIBUTION TO GLOBAL EFFORTS IN DISASTER RISK STATISTICS

Consideration in the Interagency & Expert Group

Participation in Expert Forums

Linkage with other platforms of regional and global interest

STRENGTHENING THE MONITORING AND REPORTING ON THE SENDAI FRAMEWORK

Multisectoral coordination mechanism

Strengthening the role of NSOs

OPTIMIZING RESOURCES AND EFFORTS TO IMPROVE DATA QUALITY

Displays progress, data status and instruments used

Provides links of regional and global interest

SUSTAINABILITY OF GROUP'S WORK

Showcase the sustained work of the Group

Plenary Sessions

1. Science and technology for enhancing effective DRR decision-making in the Americas and the Caribbean.
2. Risk governance: Innovations for policy and multisectoral coordination to reduce risk drivers.
3. Evidence-based financing of resilient development: A strategic approach to sustainable and efficient investments.
4. Recover and build back better in a context of increasing uncertainty and complexity of risk. Experiences and lessons learnt.



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VIII PLATAFORMA AMÉRICAS + CARIBE
PARA LA REDUCCIÓN DEL RIESGO DE DESASTRES



URUGUAY
28 FEB. 1 - 2 MAR 2020

Side events

1. Wildfire risk management and risk reduction
2. The role of the insurance sector in a context of systemic risk.
3. Safe Schools: education toward a culture of prevention.
4. Communicating risk: The importance of data and information for understanding and enhancing evidence-based decision-making.
5. Set up and implementation of EWS: challenges and opportunities.
6. Youth, technology and inclusion for DRR.
7. Good practices articulating social security and DRR.
8. Statistical data and geospatial information for DRR.
9. Voluntary networks for climate action and DRR.
10. A gender lens based on autonomy and leadership of women for a more resilient regio.
11. Placeholder: Human Mobility and Disaster Risk Management: Experiences and Challenges.
12. Funding for localization of humanitarian action and DRR.

Parallel Sessions

1. Science and technology made available: low-cost solutions and traditional knowledge to increase community resilience.
2. Inclusion, diversity, intersectionality and innovation in multi-hazard warning systems.
3. Keys to scaling up investment in disaster risk reduction and strengthening prospective risk management.
4. Digital transformation and resilience of Micro, Small and Medium Enterprises (MSMEs).
5. Risk reduction through ecosystem restoration: science, technology and NbS.
6. Systemic risk, inequality and inclusion: lessons from the pandemic for DRR.
7. Resilient Infrastructure in the face of systemic risk impacts: Principles, regulatory frameworks, innovations and good practices.
8. Urban risk reduction: multi-sectoral policies at the local level and vertical integration.

Learning labs

1. FORIN method application for disaster risk analysis. Experiences from Jamaica, Mexico and Peru.
2. Scientists communicating to marketers. New approaches to disaster risk communication.
3. Parliamentary action for disaster and climate risk resilience.
4. MCR2030 Workshop: The pathway from scorecard to planning (with private sector and other partners).
5. MCR2030: Meeting of Resilience Hubs.
6. Workshop: Disaster Statistics.
7. Technology for disaster preparedness and response.
8. Sendai Framework Monitoring.

Special Session

1. Mid-term Review of implementation of the Sendai Framework and progress on the implementation of the Regional Action Plan.

<https://rp-americas.undrr.org/>

TOOLS FOR THE PRODUCTION OF DISASTER RISK-RELATED INDICATORS

THANK YOU VERY MUCH

