

Disaster Displacement

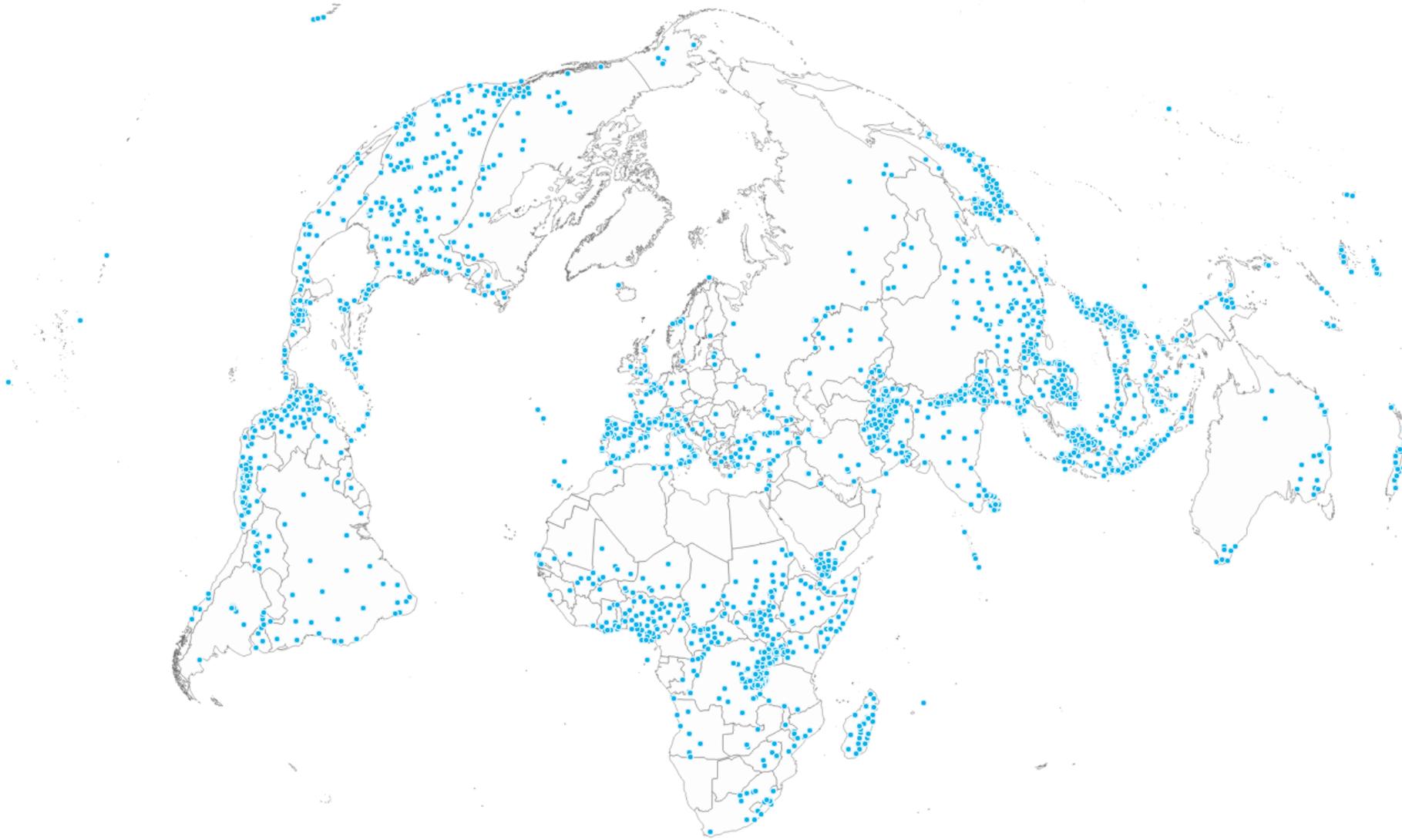
iDMC internal displacement monitoring centre

Informing action on internal displacement
with data, research and evidence

STAG-EMDAT – 20-21 March 23



Disaster Displacements in 2022



8700

2500*

?

About IDMC



Guiding Principles on Internal Displacement - 1998

“Persons or groups of persons who have been **forced or obliged to flee or to leave their homes or places of habitual residence**, in particular as a result of or in order to avoid the effects of armed conflict, situations of generalized violence, violations of human rights or natural or human-made **disasters**, and who have not crossed an internationally recognized State border”.



Monitoring disaster displacement



IDMC Monitoring workflow

Compiling, triangulating, aggregating and curating internal displacement data (structured and unstructured data)

Assessments, surveys registration data, media and satellite imagery analysis*

Organized by displacement term

Conflict and violence Disasters



Monitoring platform



Helix



Publication of global figures in the GIDD (Global Internal Displacement Database)



IDU Preliminary figures



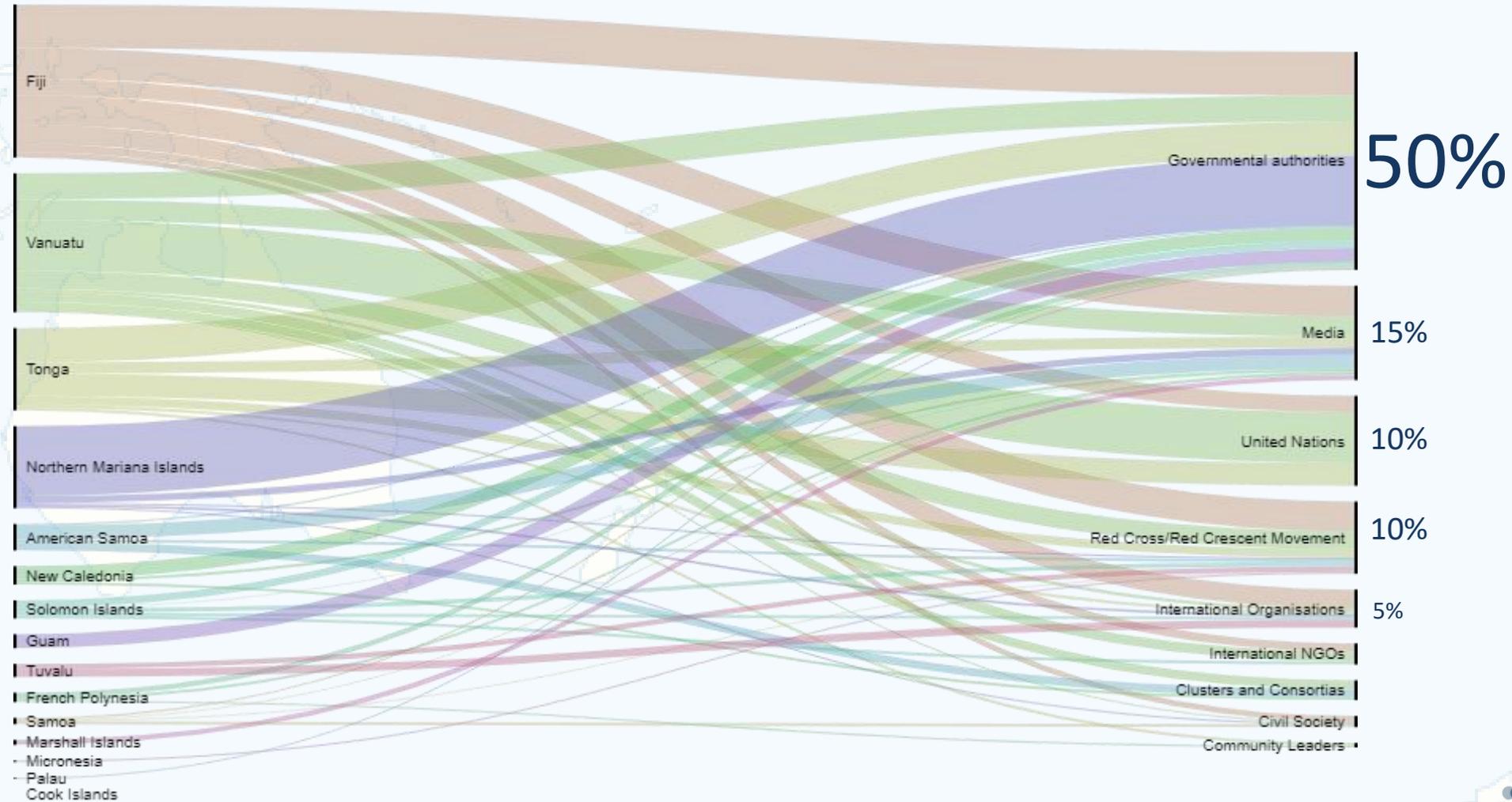
GIDD Harmonized & validated figures



Validation of data and analysis

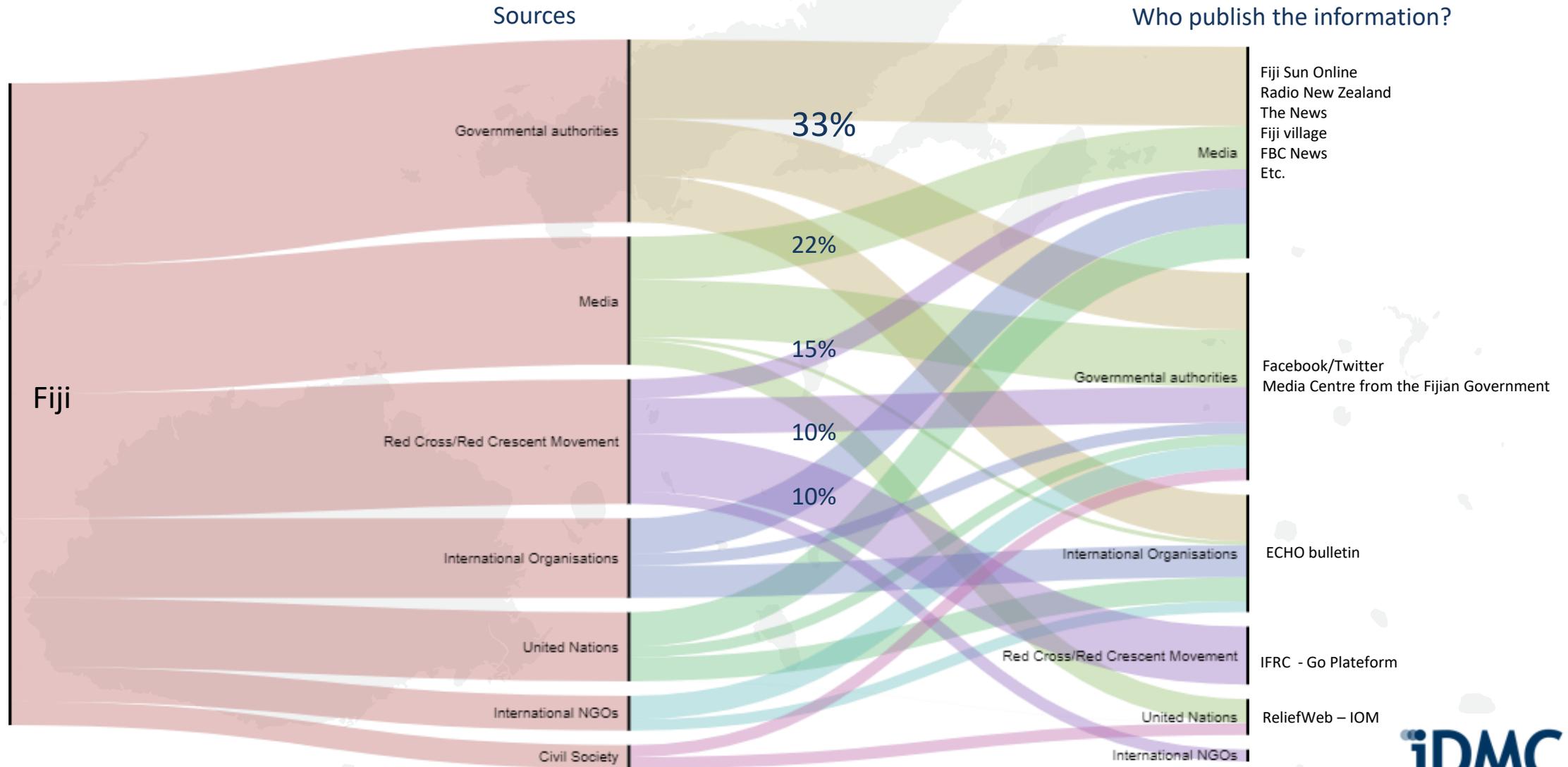
IDMC Monitoring workflow

Source of information: Example in Pacific region



IDMC Monitoring workflow

Source of information: Example in Pacific region



IDMC Monitoring workflow

Media



Storm Franklin: Homes evacuated after West Yorkshire landslide

CALENDAR | ENVIRONMENT | STORM | FLOOD | Monday 21 February 2022 at 3:15pm



Situation report



DSWD DROMIC Report #4 on the Flooding Incident in Davao de Oro as of 19 March 2023, 6PM

I. Situation Overview

On 13 March 2023 at 4PM, cloudy skies with scattered rainshowers and thunderstorms due to the Low Pressure Area at 530 km East Southeast of Hinatuan, Surigao del Sur (6.6°N, 130.8°E) may have brought possible flash floods or landslides due to moderate with at times heavy rain in Caraga and Davao Region.

On 14 March 2023 at around 3AM, several municipalities in Davao de Oro experienced flooding due to heavy rains caused by the LPA.

Source: DSWD Field Office (FO) XI

III. Status of Displaced Population

a. Inside Evacuation Center

There are **743 families** or **2,514 persons** currently taking temporary shelter in **eight (8) evacuation centers** in Davao de Oro (see Table 2).

Table 2. Number of Displaced Families / Persons Inside Evacuation Center

REGION / PROVINCE / MUNICIPALITY	NUMBER OF EVACUATION CENTERS (ECs)		NUMBER OF DISPLACED INSIDE ECs			
	CUM	NOW	Families		Persons	
			CUM	NOW	CUM	NOW
GRAND TOTAL	8	8	743	743	2,514	2,514
REGION XI	8	8	743	743	2,514	2,514
Davao de Oro	8	8	743	743	2,514	2,514
Maco	1	1	194	194	582	582
Mawab	3	3	111	111	333	333

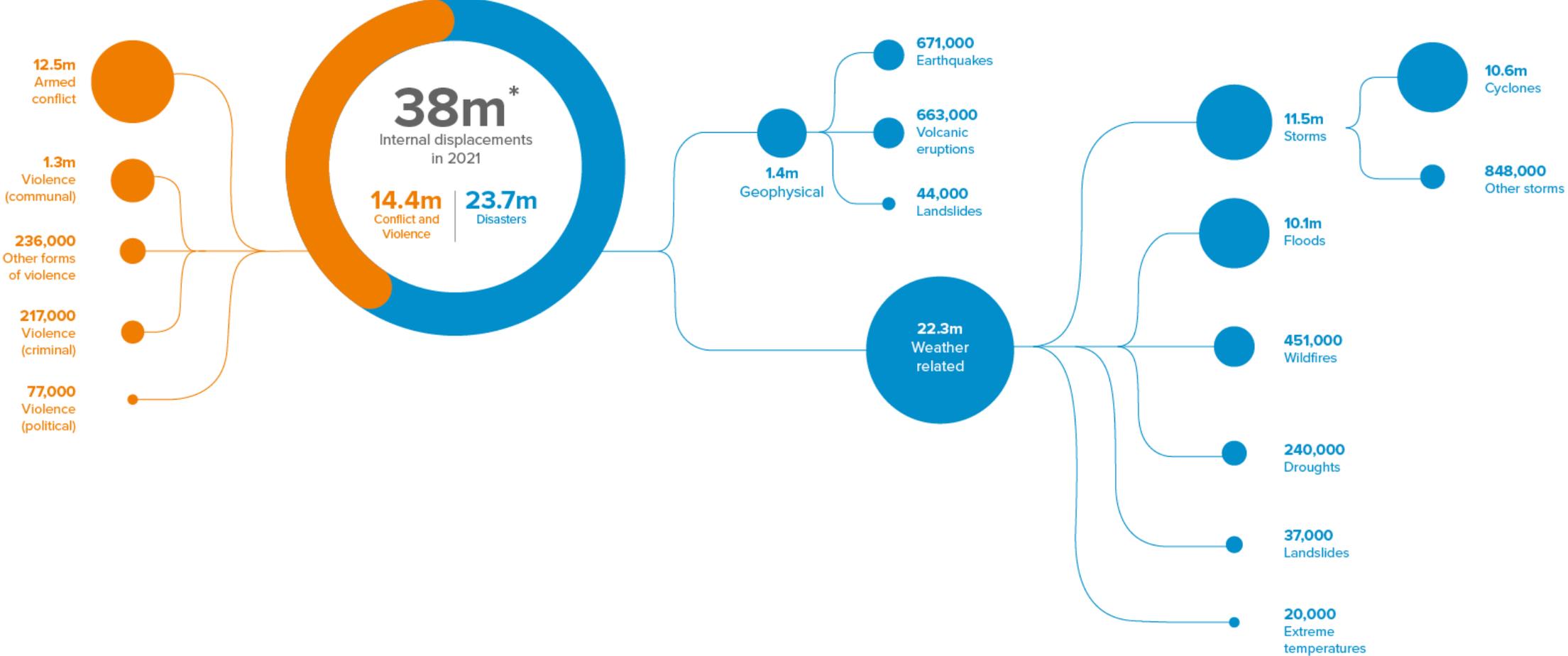
National database

Ministério do Desenvolvimento Regional Secretaria Nacional de Proteção e Defesa Civil Relatório Gerencial - Danos Informados							
Data Inicial: 01/01/2022 Data Final: 05/04/2022 UF: AC,AL,AM,AP,BA,CE,DF,ES,GO,MA,MG,MS,MT							
UF	Município	Regist	Protoc	COBR	Status	Populá	DH_De
RJ	Laje do Muriaé	25/10/202	RJ-F-3302	13214	- TεRegistro	7491	0
RJ	Paraty	16/08/202	RJ-F-3303	13215	- TεRegistro	37575	0
RJ	São José de Ubá	29/10/202	RJ-F-3305	13213	- TεRegistro	7003	4
RJ	Vassouras	09/08/202	RJ-F-3306	11321	- DεRegistro	34439	66
RS	Cachoeirinha	22/08/202	RS-F-4303	13215	- TεReconheci	118294	0
RS	Canguçu	31/10/202	RS-F-4304	13213	- TεRegistro	53268	0
RS	Canoas	16/08/202	RS-F-4304	13215	- TεReconheci	324025	3
RS	Engenho Velho	06/09/202	RS-F-4306	13215	- TεRegistro	1530	0
RS	Gravataí	18/08/202	RS-F-4309	13215	- TεReconheci	255762	25
RS	São Francisco de Paula	13/09/202	RS-F-4318	13213	- TεReconheci	20540	0
RS	São Jerônimo	17/08/202	RS-F-4318	13213	- TεReconheci	22141	0
SC	Apiúna	31/08/202	SC-F-4201	13214	- TεRegistro	9605	19
SC	Araquari	11/08/202	SC-F-4201	13215	- TεNão recon	24814	2
SC	Araranguá	10/08/202	SC-F-4201	12200	- ErRegistro	61339	10
SC	Araranguá	12/08/202	SC-F-4201	13214	- TεReconheci	61339	92

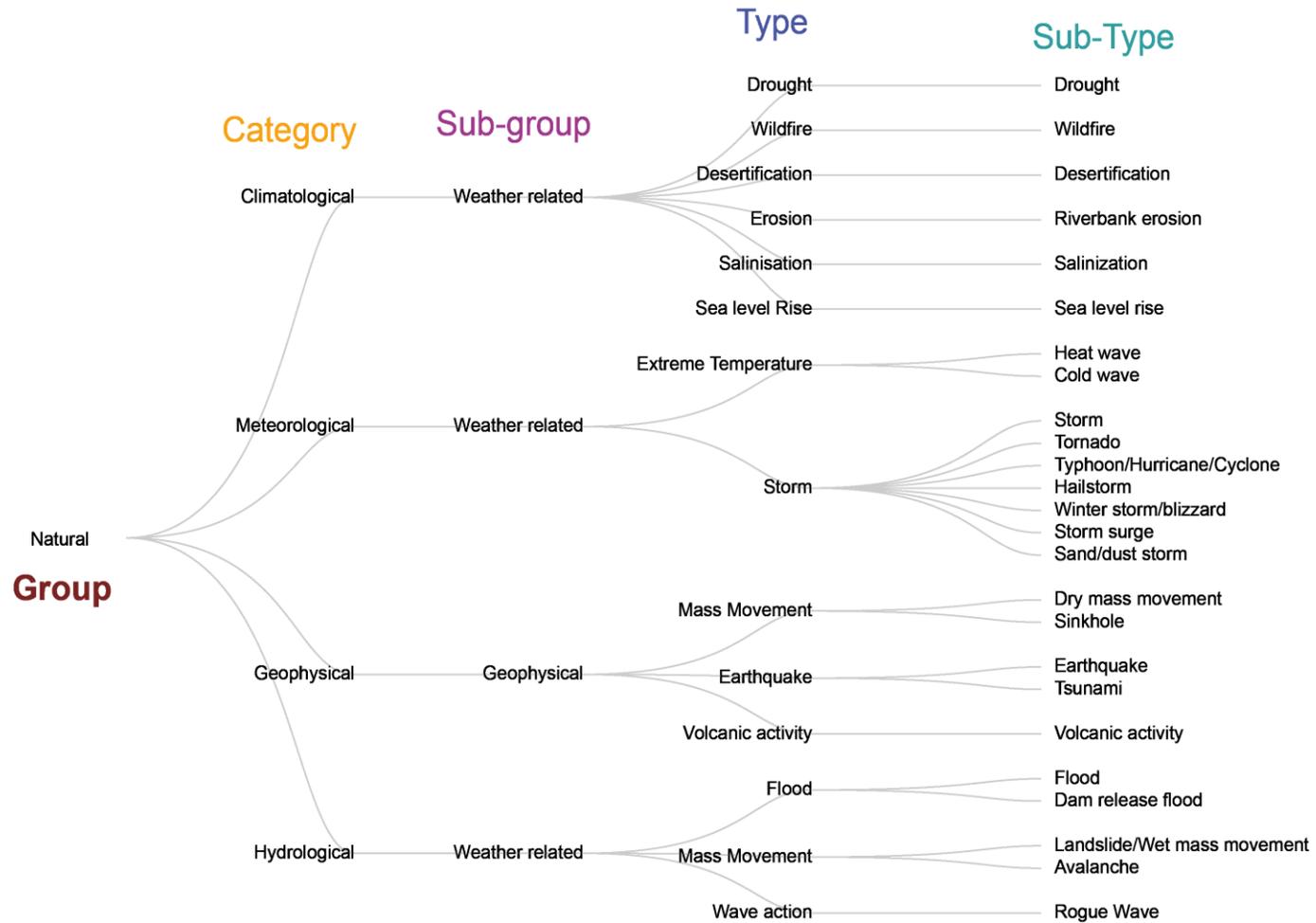
Displacements by disasters



Displacements by disasters – Hazards breakdown



Displacements by disasters – Hazards category



Displacements by disasters – Hazards category

Helix



HELIX 2.0 DASHBOARD COUNTRIES CRISES EVENTS EXTRACTION REPORTS QA ADMIN



+ NEW ENTRY



Sylvain Ponserre

View Entry

Show review

Go to edit

Source Details

Figure and Analysis

Figures

Tongatapu, Tonga - 1352 ND - RF - Disaster, Tsunami - IDU - 15/01/2022

Ha'apai, Tonga - 680 ND - RF - Disaster, Tsunami - IDU - 15/01/2022

Event *

Event Hazard Type

New displacements

No. of IDPs

Tonga: Volcanic Eruption Hunga Tonga

Volcanic activity

2,390

N/a

Cause *

Main trigger of reported figures *

Disaster

Tsunami

Geospatial

Country *

Tonga

Preview

https://helix-copilot-prod-helix-media.s3.amazonaws.com/media/contrib/attachment/a4bc34a3-e285...



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Displacement Report 31.01.2022

Hunga Ha'apai Hunga Tonga Volcanic Eruption & Tsunami Waves Impact

Produced by IOM-Tonga: Update based on Initial Damage Assessment (IDA)

This report reflects the update from the previous 27.01.22 report, based on updated IDA data verified by NEMO (Disaster Management Office). It is expected that the number of displacement or affected households /population will change given field verification is still ongoing. Traveling to outer islands for data validation is dependent on ferry boats (for domestic travel) and navy boats schedules upon distribution of relief items.

Work in Progress

The effect of devastating volcanic eruption and its induced tsunami waves resulted in the displacement¹ of about 2.22% or **465² households** and **2.39% people (2390)** in the Kingdom of Tonga based on data collected to date. About 54.41% of affected households are found in Tongatapu, 30.54% in Ha'apai Islands, and 15.05% in 'Eua. Table 1 and 2 provide a summary of the affected household and population (person) to date of report. This report reflects new affected 'Otu Lulunga district at Ha'apai and new added displaced households for Tongatapu and 'Eua.

A total of **465 households**. The new update shows a total of **180 household** that falls in the house damage level 0 (non-damage), 1 (minor damage), and 2 (moderate damage). A total of **280 household** were in house damage level 3 (severely damage) and 4 (destroyed), and 5 households contained missing house damage level.

Data Gaps and Challenges

Data disaggregation

- IDP characteristics (gender, age, income)
- Geographical disaggregation

Duration of displacement

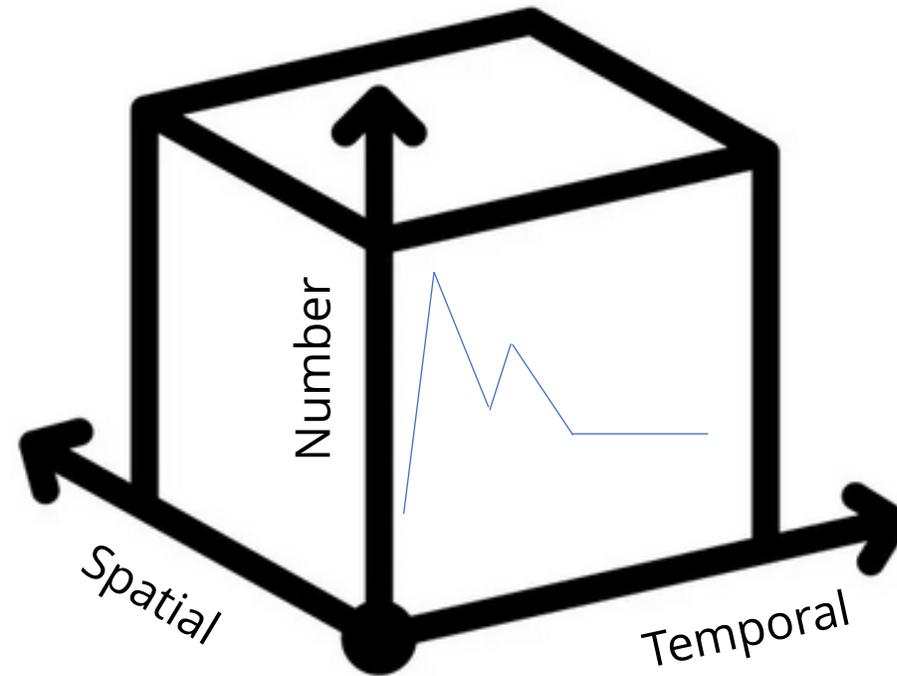
- Returns, resettlements or local integrations
- Recovery efforts → durable solutions

Multicausality

- Slow- and sudden-onset disasters ↔ displacement
- Disasters ↔ conflict
- Climate change ↔ disaster displacement



Monitoring internal displacement





Every day, people flee conflict and disasters and become displaced inside their own countries. IDMC provides data and analysis and supports partners to identify and implement solutions to internal displacement.

Join us as we work to make real and lasting change for internally displaced people in the decade ahead.