

# Mongolia: Strengthening capacity for DRR technology utilization and resilience governance

Baasansuren Demberelnyam

Director of DRMD, colonel

NEMA Mongolia

All-of-Society Capacity Development and Education for Urban Disaster Risk Reduction  
도시 재난위험경감을 위한 사회전반의 역량 강화

The 3rd  
 **IDRLF**  
International Disaster Resilience  
Leaders Forum Incheon 2024

인천 국제재난복원력 지도자 포럼



**2024.10.28.Mon-29.Tue**

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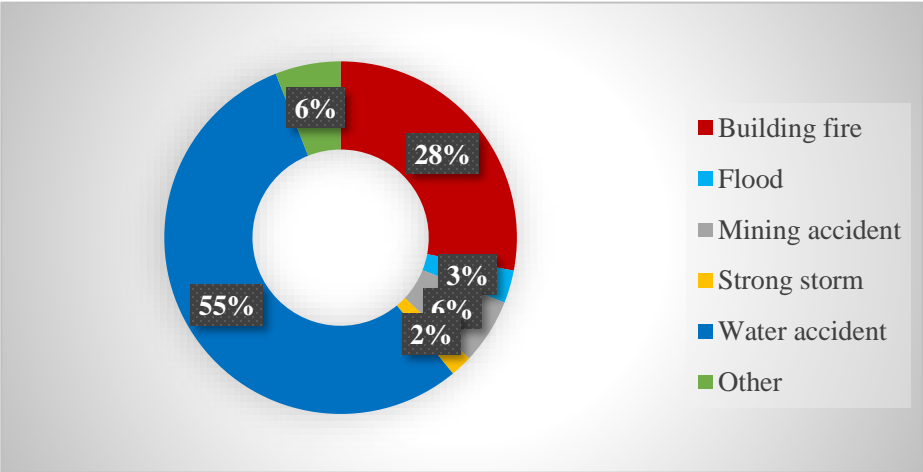


In cooperation with



# DISASTER SITUATION IN MONGOLIA

- The number of hazardous events and incidents occurring in Mongolia has not decreased significantly compared to 2015.
- In particular, climate-related phenomena have increased 2.9 times.



Percentage of deaths caused by hazardous events and incidents by an average of 2015 to 2021 (by disaster types)



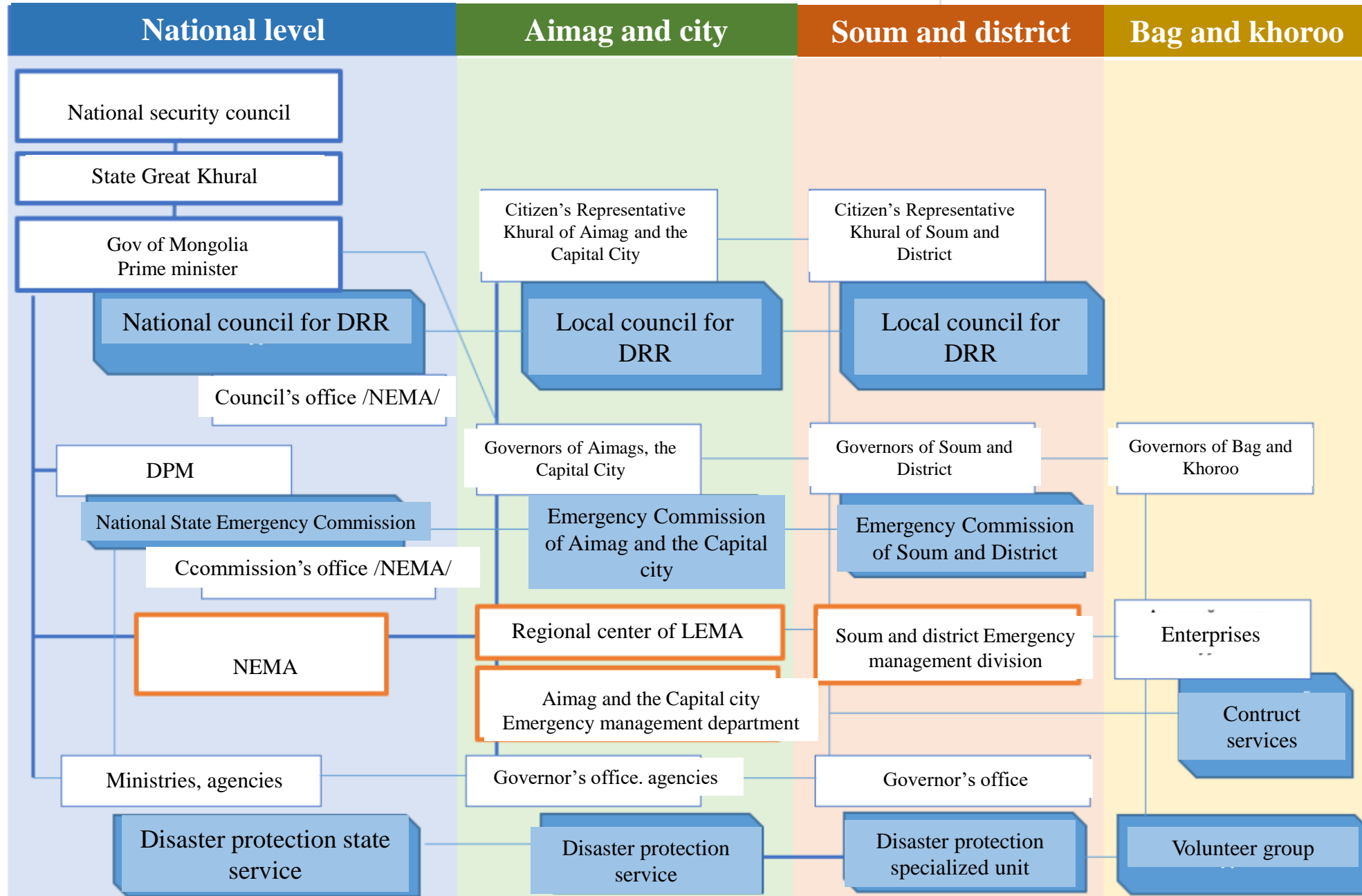
Flood:  
Ulaanbaatar 2023



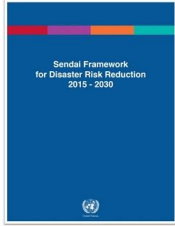
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# Disaster protection structure



# DRR POLICY DOCUMENTS



## Mid-term strategy for the implementation of SFWDRR

Resolution #355 of the GoM in 2017.

### Implementation phases:

- 2017-2020 /Action plan - completed/
- 2021-2025 /Action plan/
- 2026-2030



## National programme of Community participatory on DRR

Resolution #303 of the GoM in 2017.

### Implementation phases:

- 2015-2020 /Action plan - completed/
- 2021-2025 /Action plan/

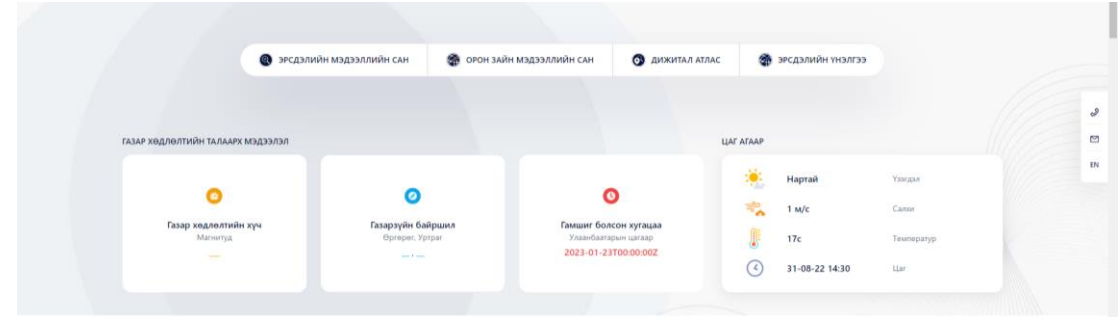


# DRR TECHNOLOGIES AND INSTITUTIONAL CAPACITY:

## 111th Air Search and Rescue Unit of NEMA



## Disaster risk database



## With the support of Government of France

- Airbus EC-145 C-2
- “Cabri G-2”

## LiDAR drone:

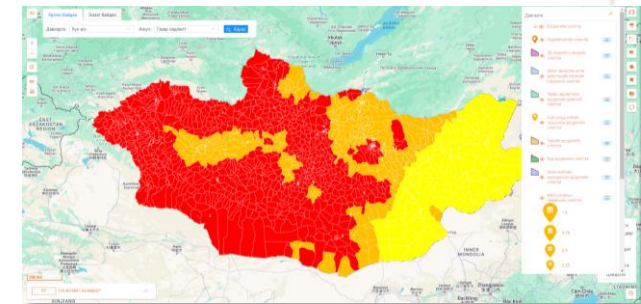
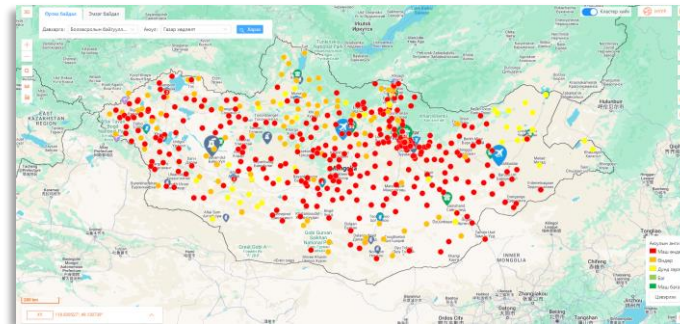
- Darkhan-Uul province
- Flood DRR/prevention



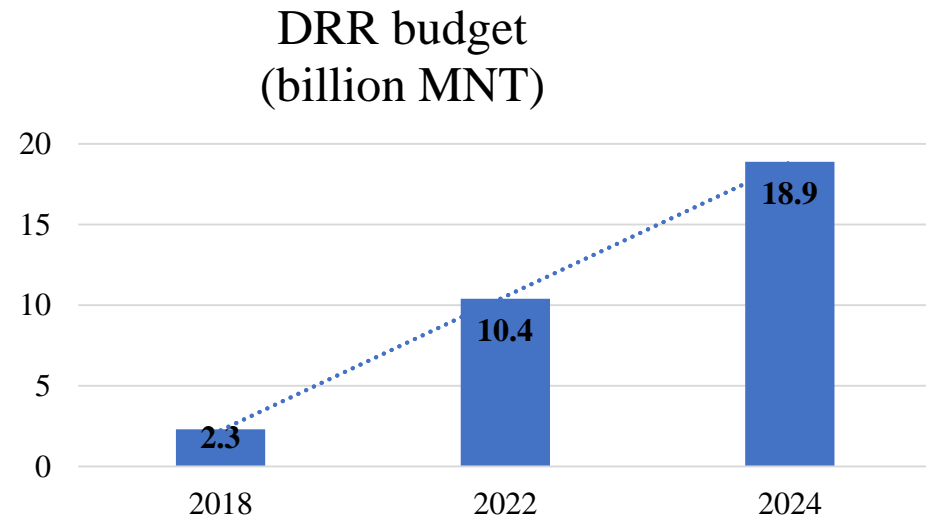
## ADB “TA 9880”

- Disaster risk assessment
- [www.risk.nema.gov.mn](http://www.risk.nema.gov.mn)
- Disaster risk transfer

## Disaster risk mapping



# DRR INVESTMENT FOR RESILIENCE



The **Law on Disaster Protection (2017)** states that “Administrative, territorial units and government organizations shall include in the budget at least **1.0 percent** of the annual budget for disaster protection and risk reduction measures, and legal entities shall plan and spend at least **1.5 percent** of the annual production and service costs.”

# Way Forward

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## At the national level

First and foremost,

- Increase community resilience to disaster through gaining their awareness and understanding of risks, and engagements in initial risk assessments and DRR training
- Improve DRR legal frameworks and standards
- Increase financial investment in disaster prevention and preparedness, particularly risk assessments, building inspections, retrofitting, and replacement
- Increase human resource capacity, specializing in DRR, risk analysis
- Introduce technology and innovation, especially early warning
- Enhance sector coordination and international cooperation

## At the regional level

- Share experiences and achievements in technology and innovation
- Conduct joint research and study on earthquake
- Support technical assistance to build community resilience

Thank you

BAASANSUREN Demberelnyam

- [/baasansuren.obeg@gmail.com/](mailto:/baasansuren.obeg@gmail.com/)
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