



# 5 facts about Armenia

Armenia is situated in Caucasus region, its neighbors are Azerbaijan, Georgia, Iran and Turkey



Armenia is in 7th place among 142 countries: Safety Index by Country



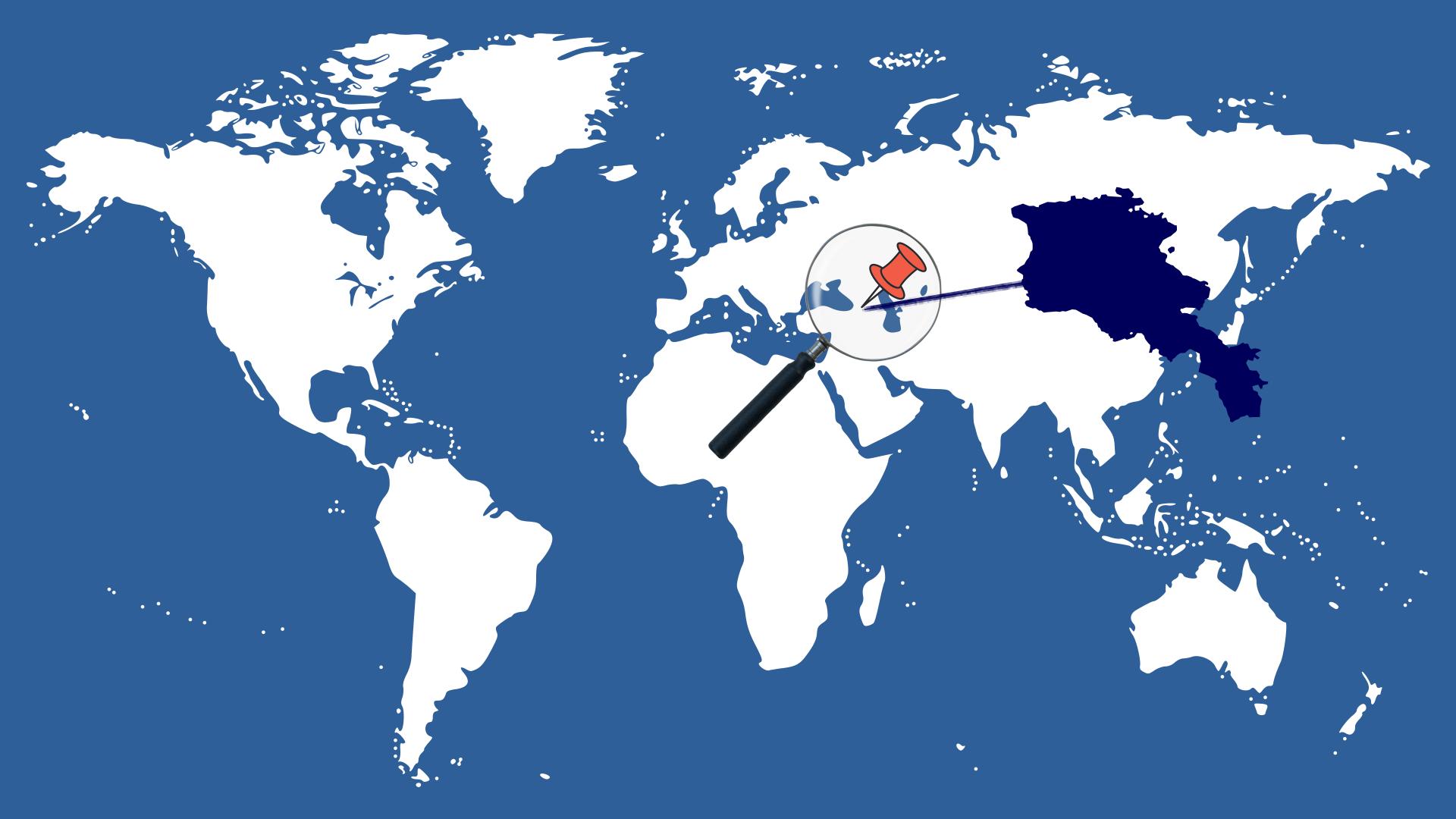
Armenia's economy growth was 12,6% in 2022



Drinkable water is accessible everywhere in Armenia from drinkable fountains



Chess is a mandatory subject in all public schools in Armenia



## Core functions of Cadastre Committee of Armenia



Registration of property rights, limitations to those rights



Creation and compilation of digital topographic maps and plans, as well as cadastral maps and plans using modern technologies



Organization and implementation of state and national planning geodetic and state elevation, geodynamic networks and regular updating works



Development and implementation of geodetic and cartographic target programs of state significance



Ensuring the formation of a unified system of coordinate, height, gravimetric measurements



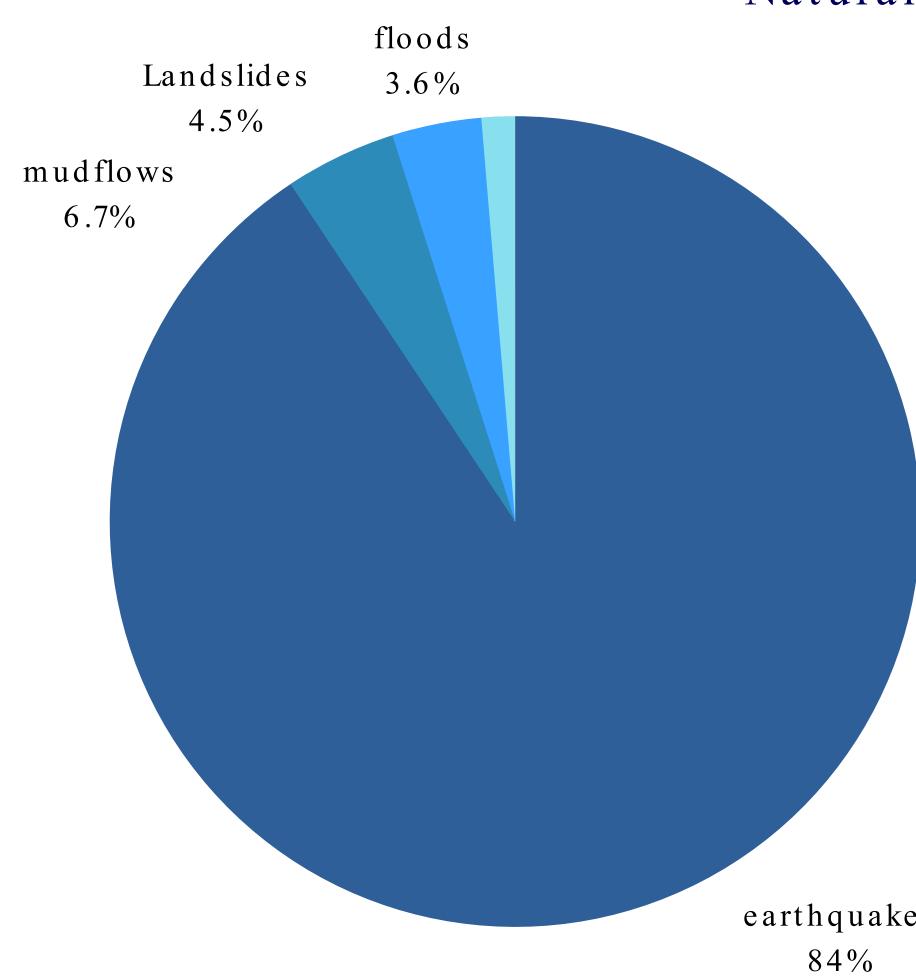
Development of land relations regulation, land policy, principles of land resource management in terms of land rights, land market formation

The role of Cadastre Committee in disaster management

- Orto photos and high-resolution satellite images
- Cadastrial, topographic and land planning maps
- Reference stations
  - National spatial data infrastructure

#### Natural disaster risks in Armenia

diffusive



Geographically, Armenia is located in the northeast of Armenian Upland between the Caucasus and Southwestern Asia. The seismicity of Armenian Upland relates to the Arabian-Eurasian plates'

collision, which is characterized by

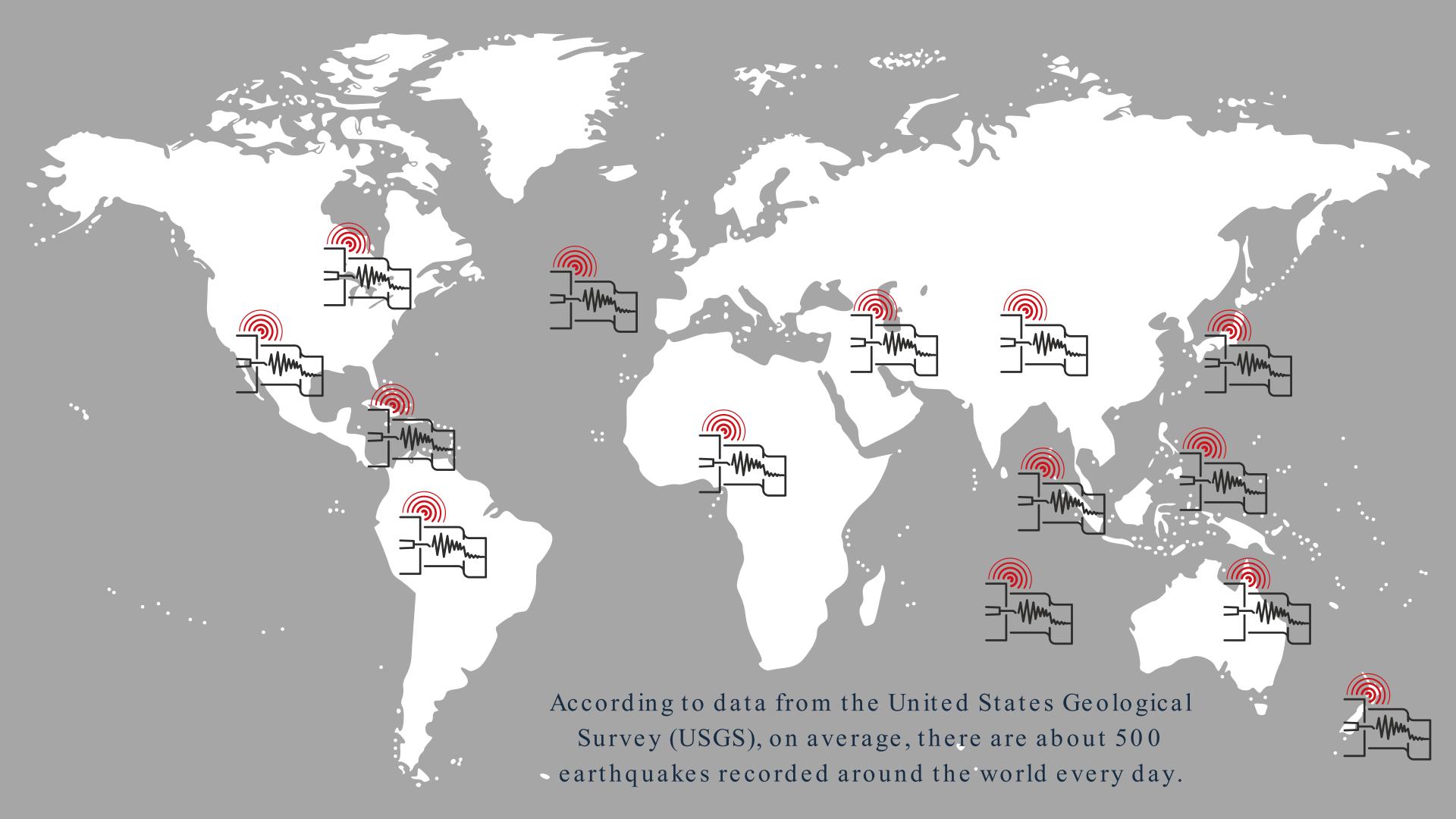
distribution

earthquakes of various magnitudes.

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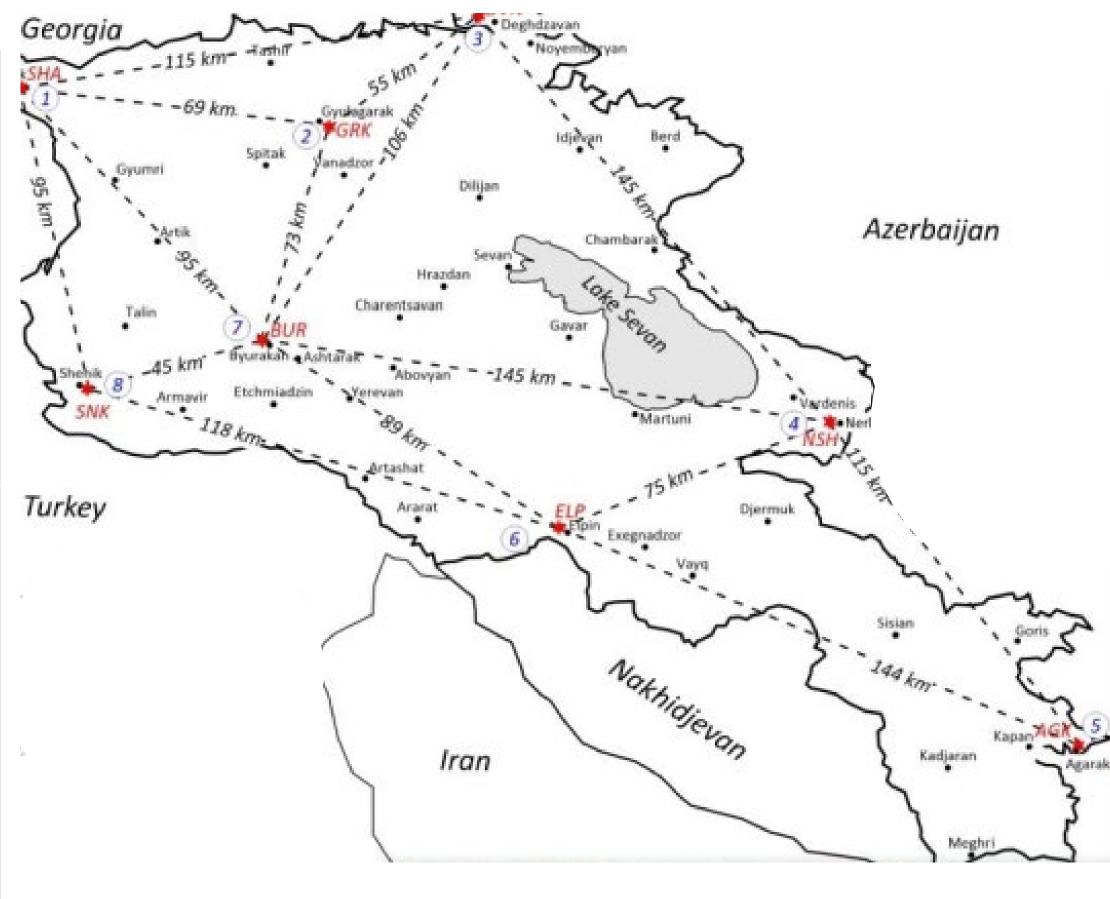
shallow

earthquakes

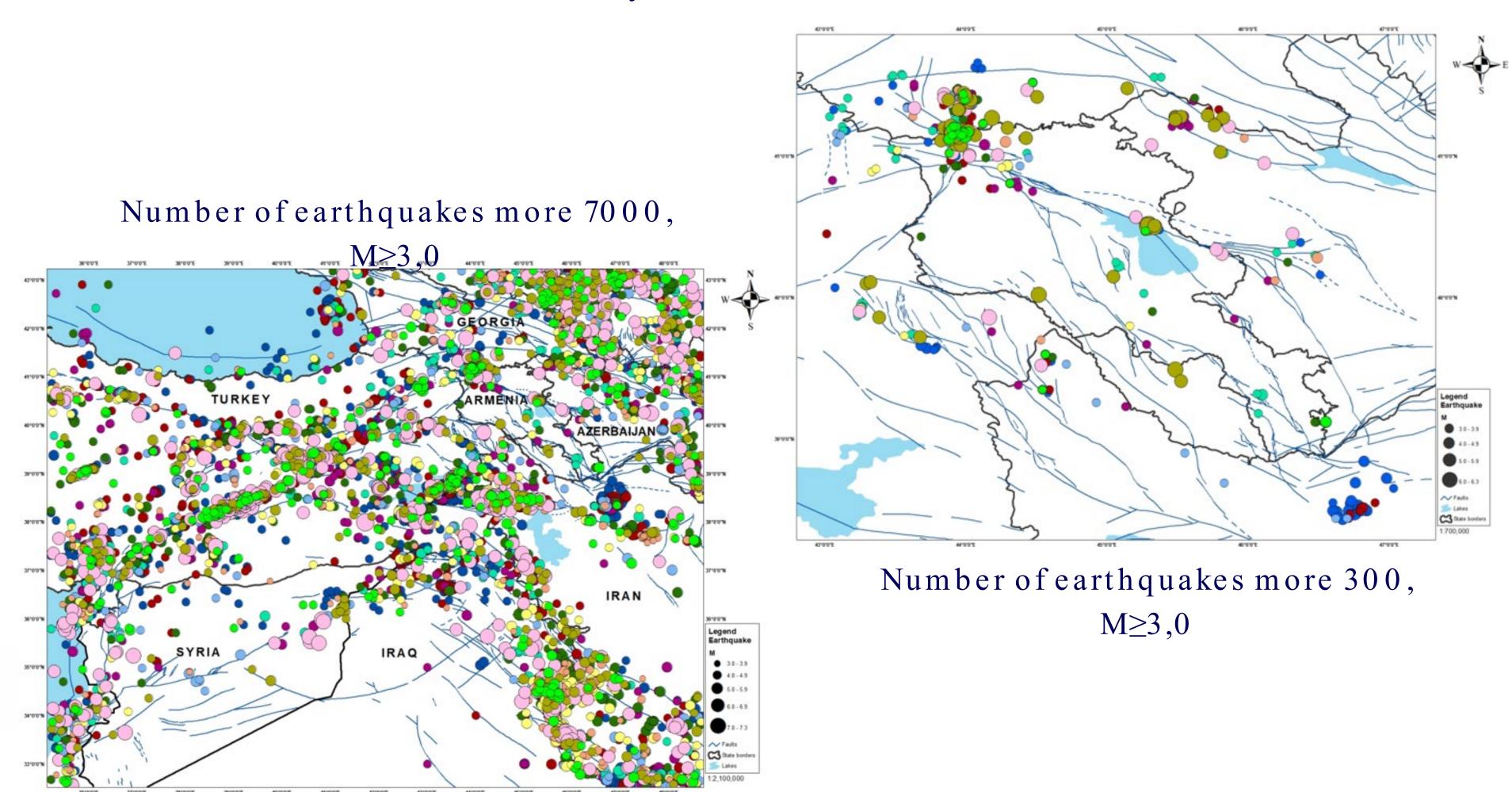


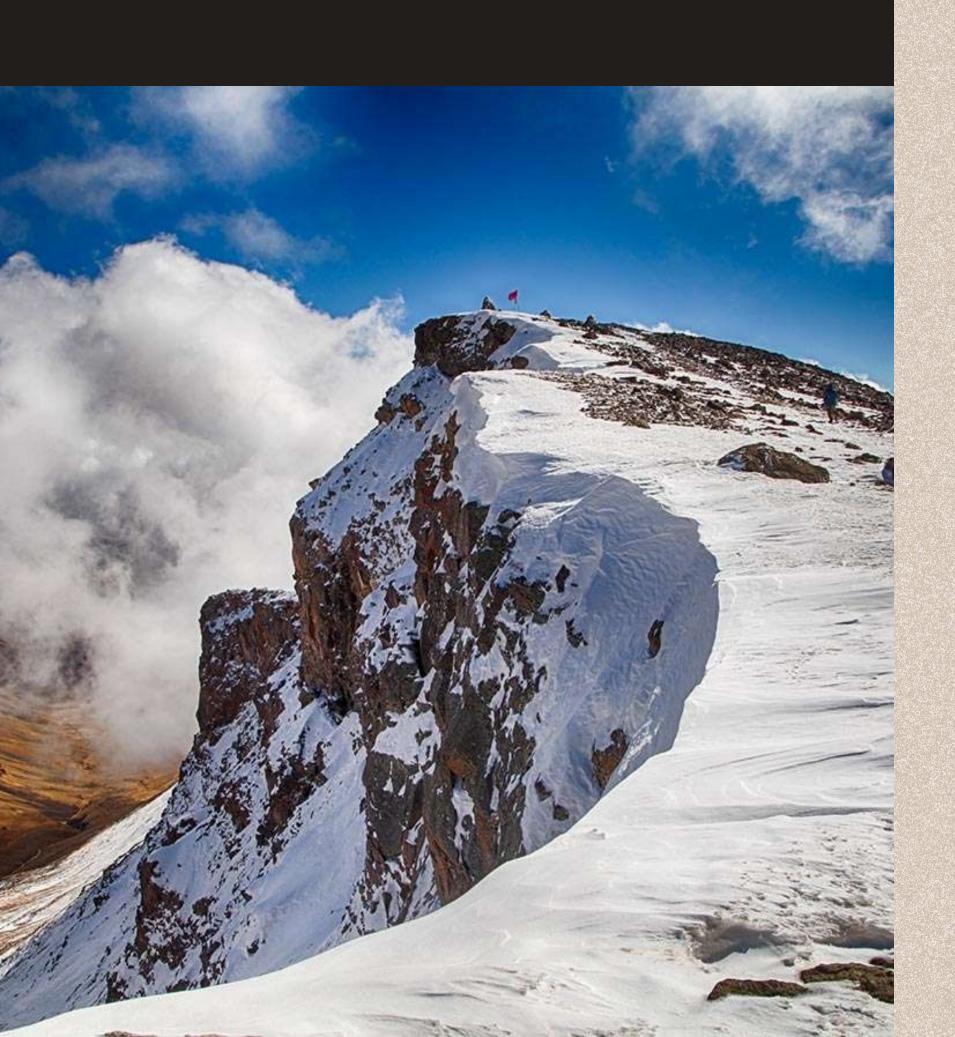
# Severe recorded earthquakes in Armenia

| Epicenter | Year     | Magnitude |
|-----------|----------|-----------|
| Gyumri    | 1926     | 6,2       |
| Zangezour | 193      | 6,5       |
| Yerevan   | 193<br>7 | 4,7       |
| Zangezour | 1968     | 5,1       |
| Spitak    | 1988     | 7,0       |



### Seismicity of the Tavro Caucasus





### Legalsolutions

Reviewal of regulations regarding seismic security

Reviewal of construction norms

Reviewal of procedures for construction permissions

Adoption of law on spatial data

Adoption of law on geodetic activity and cartography

principles for formation of spatial data

new approaches to organisations that are generating GIS layers

National Geoportal

Law on spatial data

National spatial data infrastructure

management foundations

new approaches for collection of spatial data

Separation and stipulation of state and private functions

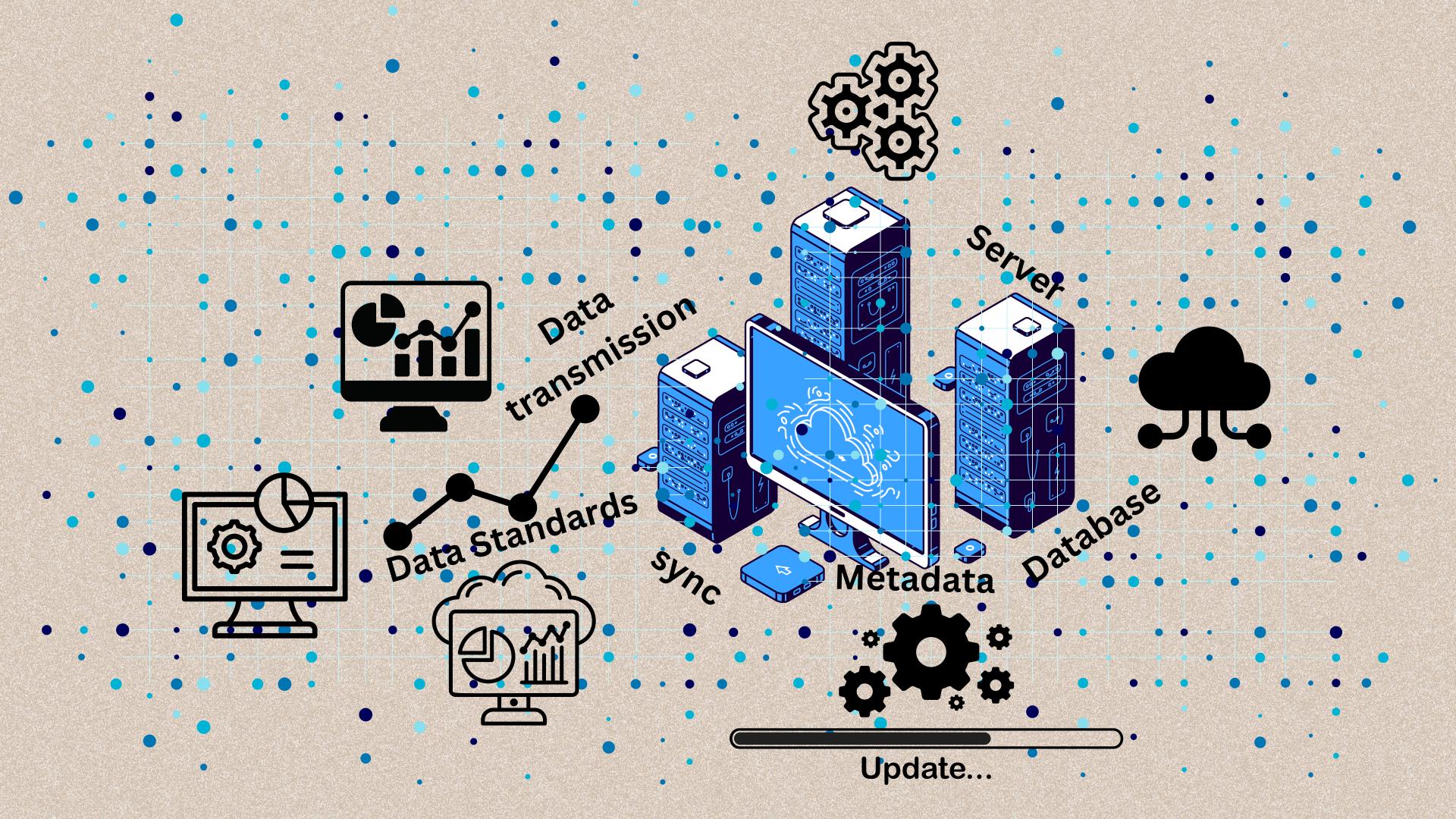


GIS is currently used for monitoring and predictions of disasters such as assessing possible landslides, simulating situations of possible dam failure, and preparation of thematic maps for rescue services.

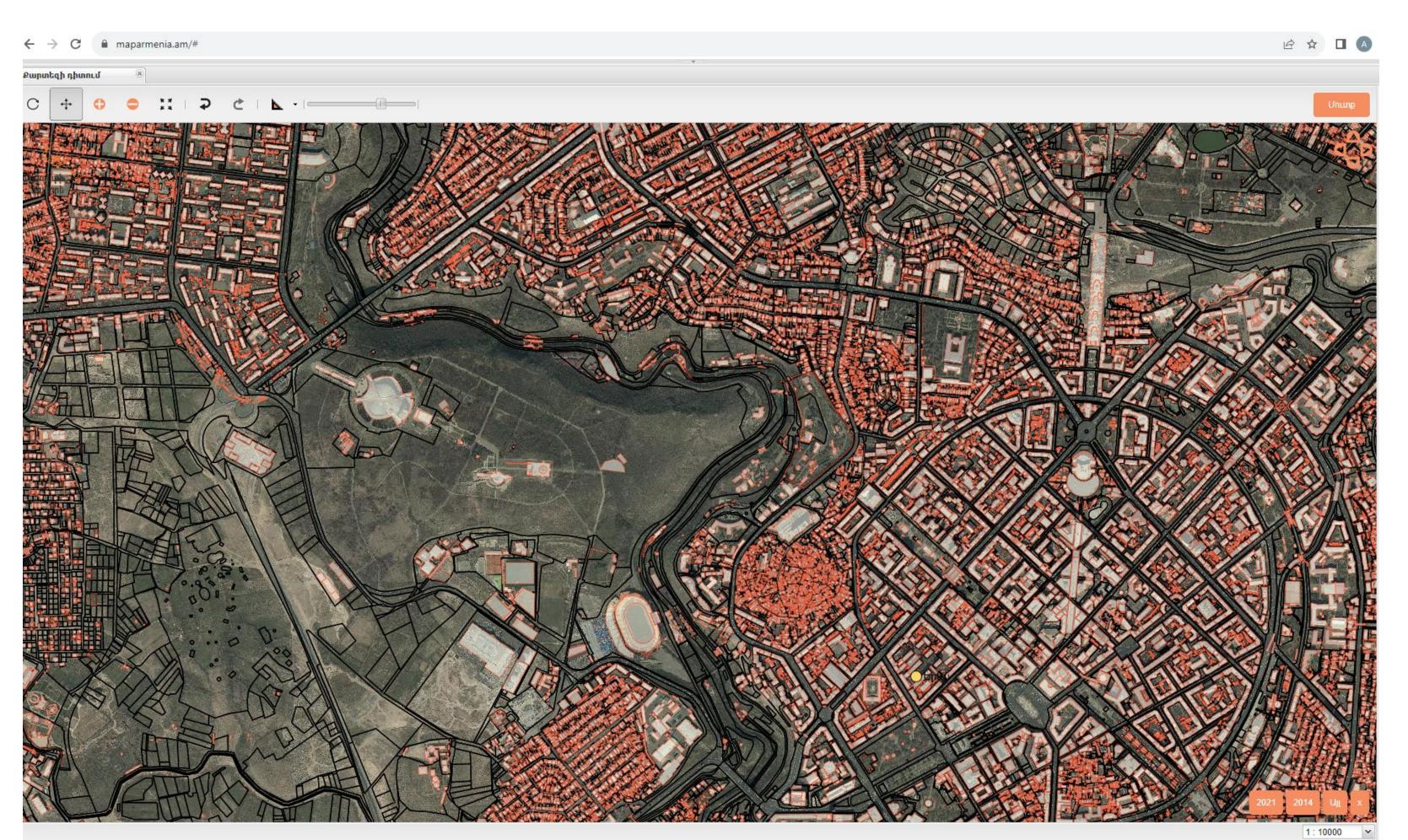
#### Recent amendments



- In 2021 orthophotos were obtained from Maxar
- In 2022 reference stations were technically updated
- During 2022 under ADB grant project technical support was provided by LX Korea
- During 2021-2022 technical support was provided for digitization and modernization of archiving by Land registry and mapping agency of Netherlands



### National spatial data infrastructure / geoportal.am



GIS layers

