

Hungarian-Turkish Cultural Year 2024







NÓGRÁD MEGYEI
KORMÁNYHIVATAL

The role of the Government Commissioner in crises management in Hungary



EUROPE MAP



HUNGARY

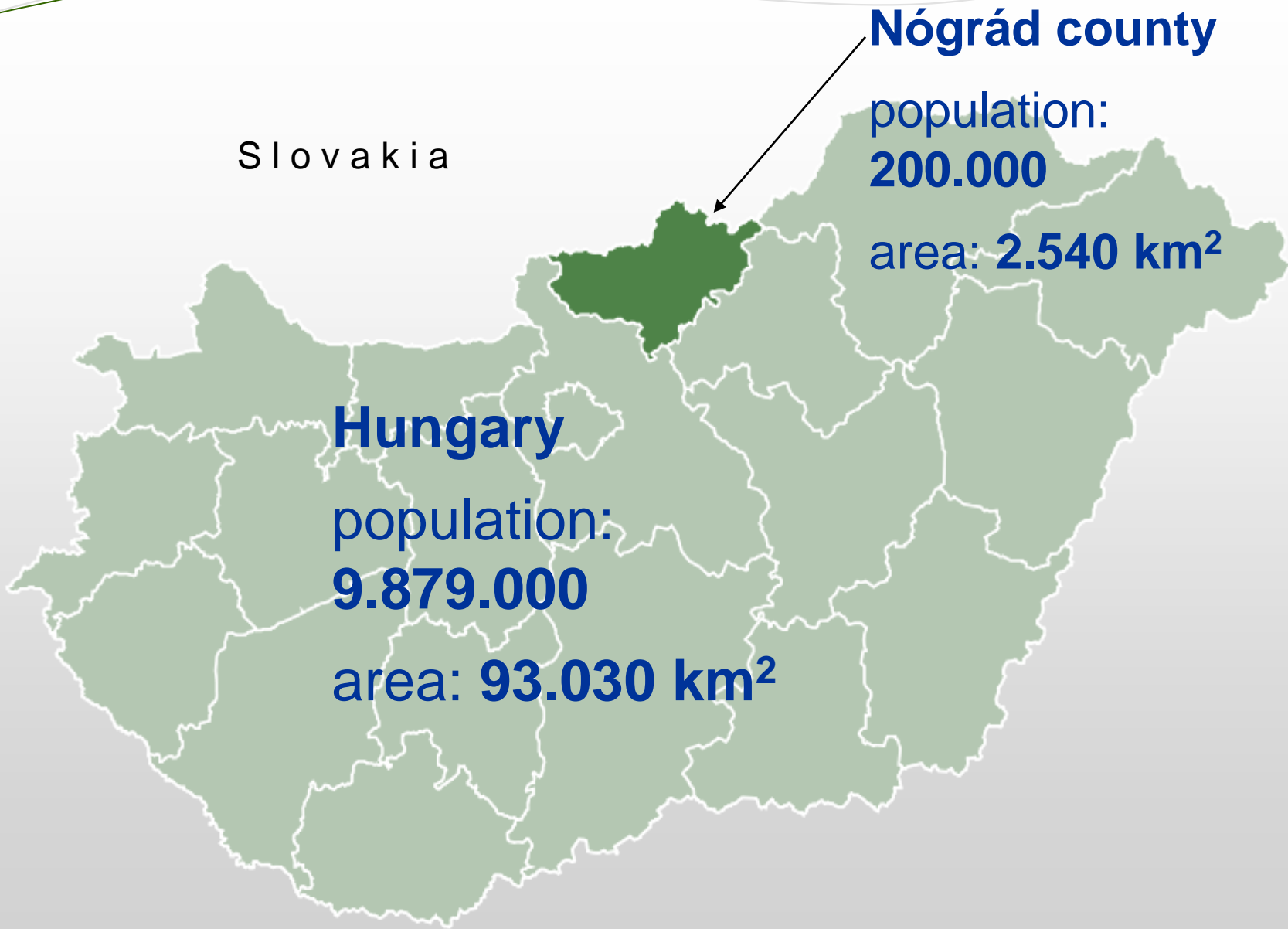




county government office
(headed by government commissioners
appointed by the prime minister)



district offices subordinated to
the county government office



Slovakia

Nógrád county

population:
200.000

area: **2.540 km²**

Hungary

population:
9.879.000

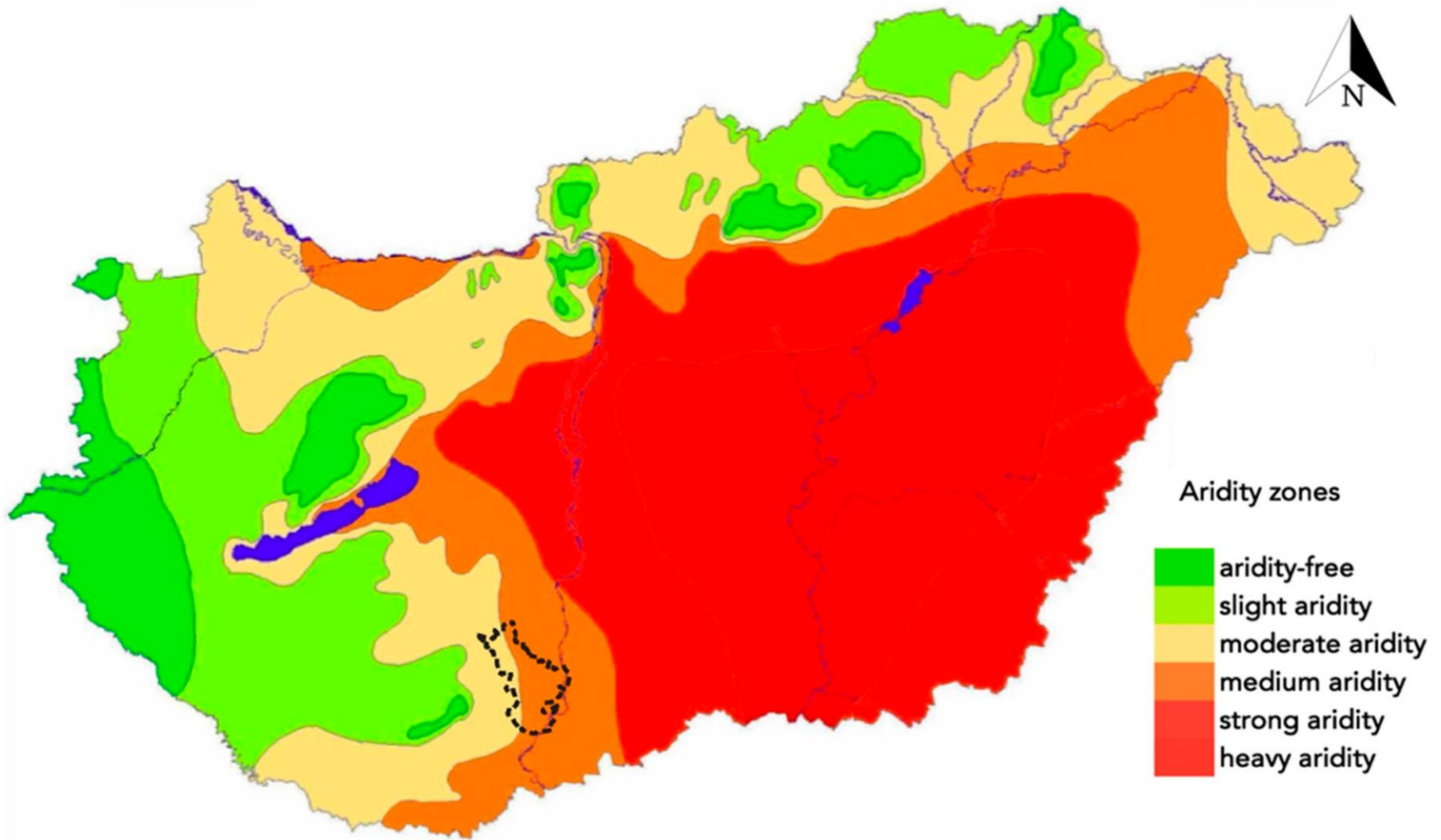
area: **93.030 km²**

Territorial Defence Committee (County)

The president of the committee is the Government
Commissioner

Members:

- the heads of the district offices (chairs of the Local Defence Committees),
- the head of the county unit of the National Defence,
- the county police chief,
- the county Disaster Prevention director,
- the Mayor of the county seat.





LIFE-MICACC projekt
LIFE16 CCA/HU/000115



DRYING HUNGARY

WHERE IS OUR WATER COMING FROM?

FROM PRECIPITATION

90% OF THE AVERAGE ANNUAL PRECIPITATION FALLS IN A PERIOD OF JUST 65-75 DAYS. During the other 300 days of the year, there is almost no rain at all.

ON THE HUNGARIAN GREAT PLAINS THE ANNUAL EVAPORATION POTENTIAL IS 800 MM

WINTER RAIN IS HARDLY UTILISED

Nature requires and takes up less water, the rest simply flows away.

BUT PRECIPITATION RARELY EXCEEDS 500M

THE SOIL FUNCTIONS LIKE A "WATER-BANK"

It guards large quantities of clean water safely, like karst water, groundwater and soil humidity:

1M³ OF SOIL CAN ABSORB UP TO 500 LITRES OF WATER

FROM OUR RIVERS

OUR RIVERS COULD PROVIDE TWICE AS MUCH WATER AS THE ANNUAL RAINFALL

AS 87% OF OUR WETLANDS HAVE BEEN DRAINED, FILLED UP OR PLOUGHED, there is no place left for water to infiltrate into the soil and become stored underground.

INCOMING: 109 KM³ PER YEAR

We make no use of the water brought by rivers. Instead, rivers are forced between flood protection dikes, and their water is drained to the Black Sea.

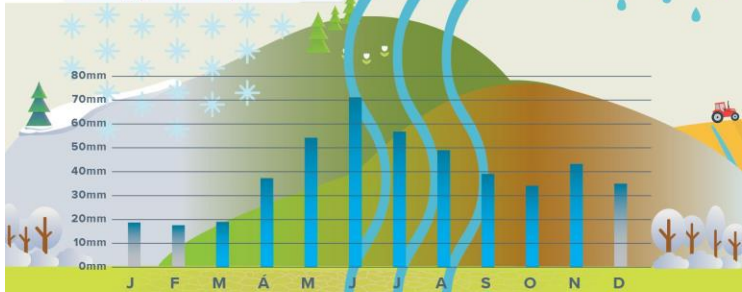
THANKS TO THE DRAINING CHANNELS, WE ARE LOSING 1,8 KM³ OF WATER EVERY YEAR. THIS EQUALS THE VOLUME OF LAKE BALATON

THE RIVERS ARE NOT CONNECTED TO THEIR FORMER FLOODPLAINS, so there is no space to safely retain their floodwater.

THE DRAINING OF HUNGARY IS AN ONGOING PROCESS

There is more water flowing out of the country every year than flowing in.

116 KM³ / YEAR



WITH THE ONSET OF CLIMATE CHANGE, WATER SHORTAGE WILL INCREASE BY ONE THIRD OF ITS CURRENT LEVEL BY 2050

HEAVY RAINSTORMS AND FLASH FLOODS ARE BECOMING MORE AND MORE FREQUENT

300 MM RAINFALL IS MISSING ANNUALLY

THE REGENERATION OF UNDERGROUND WATER RESOURCES IS A SLOW PROCESS, AND THE LEVEL OF THE UNDERGROUND WATER TABLE IS SINKING, THE "WATER-BANK" IS LOSING "CAPITAL"

IF IT DOES NOT RAIN ENOUGH, THE MISSING WATER IS OFTEN SUPPLIED FROM THE SAME UNDERGROUND "WATER-BANK", WHERE OUR DRINKING WATER IS COMING FROM

IN SOME AREAS THE WATER TABLE HAS DROPPED 4-8 METERS



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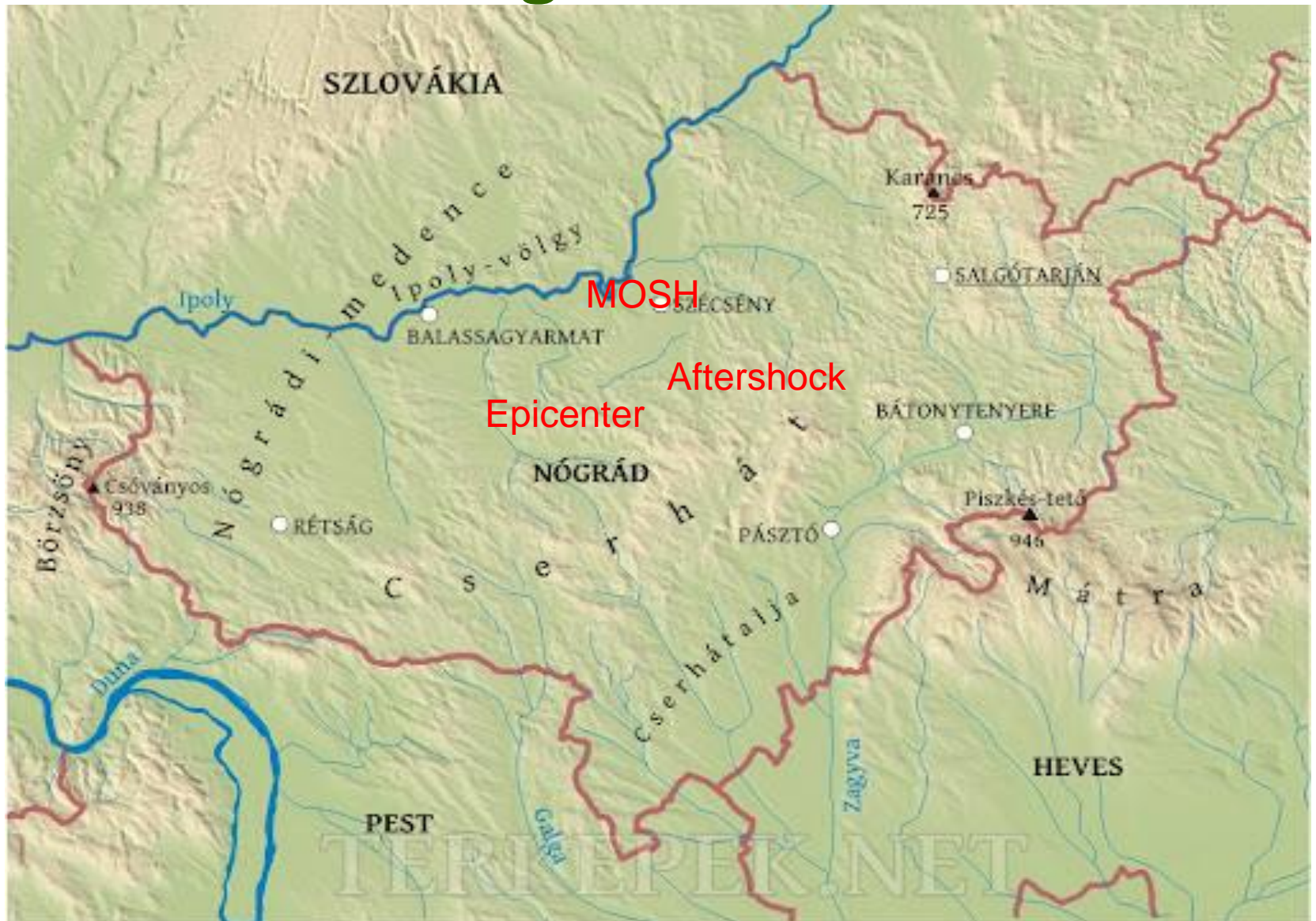
Defence drill in case of an earthquake in Nograd County



Hypothetic scenario:

- **Day 1.** – 3:25 a.m. – earthquake with a magnitude of 6.5, affected 6000 inhabitants of 11 municipalities, 120 persons injured
- Extraordinary meeting of the Territorial Defence Committee
- **Day 2.** – Declaration of a state of emergency for 3 districts
- **Day 3.** – Earthquake aftershock – affected 5000 inhabitants of 7 municipalities – 100 persons injured
- **Day 4.** – Installation of a Mobile Medical Aid Station (MOSH) in Szécsény

Endangered area



The affects of the earthquake





Meeting of the Territorial Defence Committee



Tasks:

- establish a Mobile Medical Emergency Shelter (MOSH) and its operating team,
- assembling the module system and the necessary equipment
- receiving, determining and stabilizing the condition of the injured,
- evacuating the aid station as quickly as possible.







Participants:

- 3 military units,
- police,
- disaster management,
- 10 civil organisations



Tasks of the government office:

Disaster Prevention Working Group meeting led by the County Medical Officer

The role of the Public Health Department of the Nógrád County Government Office:

1. Keep the basic health care and medicine supply in the municipalities
2. The organization of health care of evacuated pregnant women, chronic patients and dialysis patients at risk in cooperation with the general practitioners of the municipalities.





Problems requiring solutions:

- No suitable special vehicle available to transport the mobile hospital;
- No prepared staff for the set-up;
- It took a long time to alert the staff;
- No internal communication devices (transceivers);
- Difficult to involve the National Guard due to legal restrictions.



ŞANLI TEVCİH TÖRENİ

25 NİSAN 2023

HUMANITARIAN SERVICE

25 APRIL 2023



Thank you for your attention !

