

WATER RESOURCES AND DROUGHT RISK MANAGEMENT IN THE CZECH REPUBLIC

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Beyond Scarcity – Water Scarcity and Drought Risk Management in the Danube Region

On line Webminar

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- General information
- Response to the longterm drought:
 - Legislation: amendment of Water Act
 - HAMR



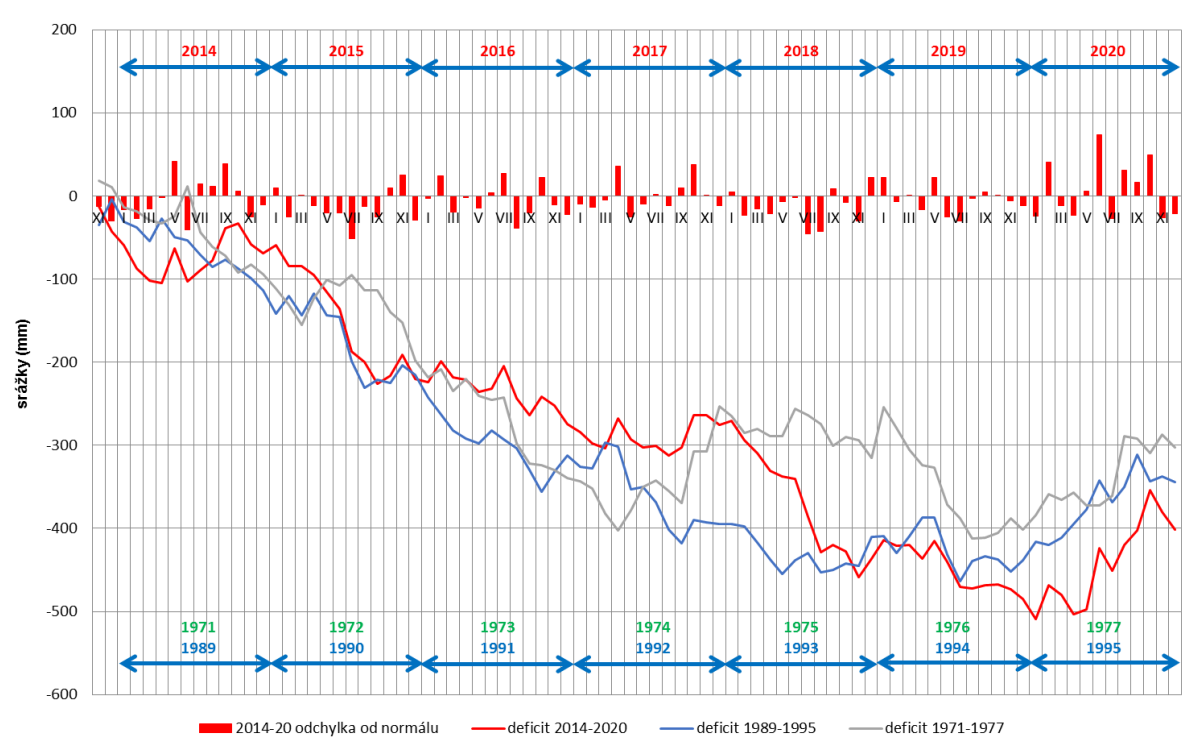
CLIMATE CHANGE IN CZ

- ❖ Total amount of annual precipitation will not change – but the time distribution will change dramatically
- ❖ Climate change is closely related to the increase of air temperature, which causes higher evaporation from the landscape and thus increases pressure on water resources
- ❖ Summer droughts will be longer and inferior



CZECH REPUBLIC AND DROUGHT PERIOD

AVERAGE PRECIPITATION IN CZ IN 2014–2020 (CHMI)



ACTION IN CZ



OPERATIONAL PLAN FOR DROUGHT

Plan for managing drought
and the state of water scarcity



Designation of state of danger
(crisis management)



Crisis plans - Longterm
Drought



AMENDMENT OF WATER ACT 2021

- Operational management during state of water scarcity
- Rainwater management update
 - for new building constructions or renovation – new range of use rainwater - accumulation and reuse, transpiration, infiltration, drainage



NEW SECTION– „MANAGING DROUGHT AND WATER SCARCITY“

Commision for drought

- Mandatory at the regional and central level
- regional commisions established by 30. 4. 2021

Plan for managing drought and the state of water scarcity

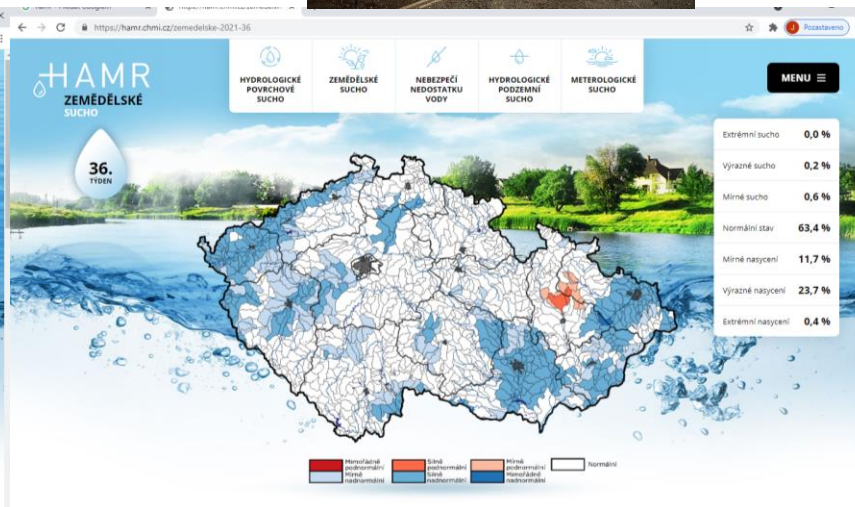
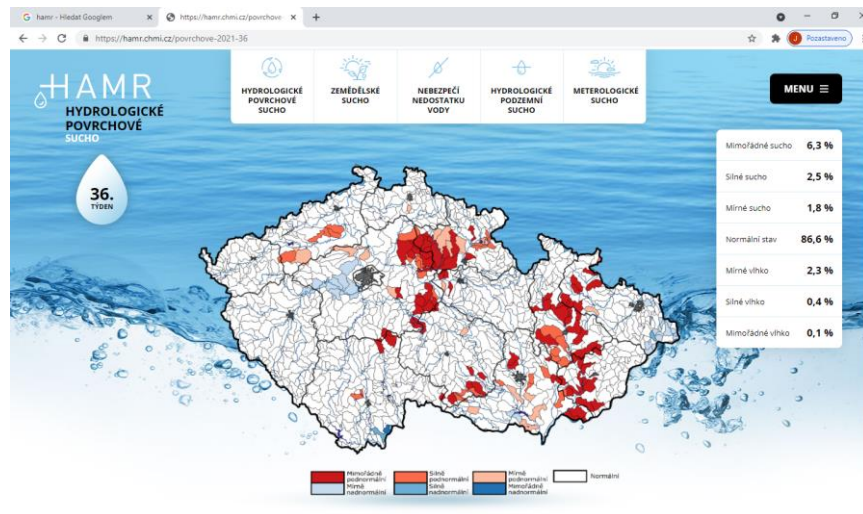
- resource document commision for drought
- decision-making of the commision in the state of water scarcity
- deadline for completion
 - At regional level by 31. 1. 2023
 - At central level by 31. 1. 2024
- Methodology for the preparation of plans for managing drought and the state of water scarcity



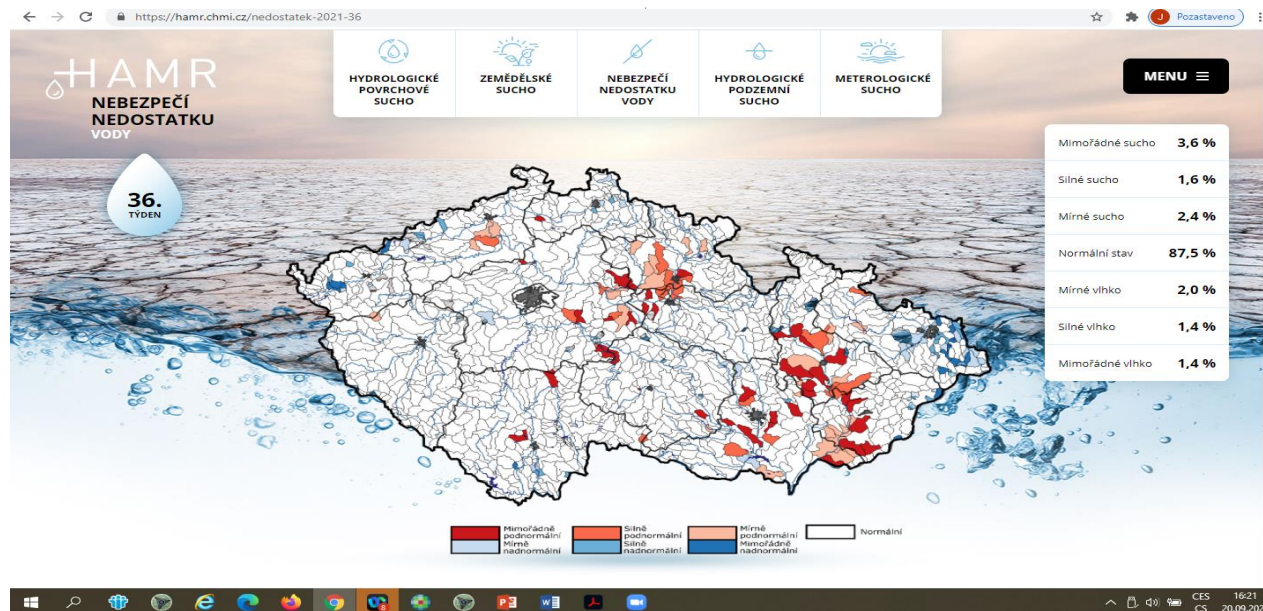
ACTUAL INFORMATION ABOUT DROUGHT – ([HTTPS://HAMR.CHMI.CZ](https://hamr.chmi.cz))



zcm.cz



ACTUAL INFORMATION– RISK OF WATER SCARCITY



THANK YOU FOR ATTENTION



QUESTIONS AND ANSWERS...

