

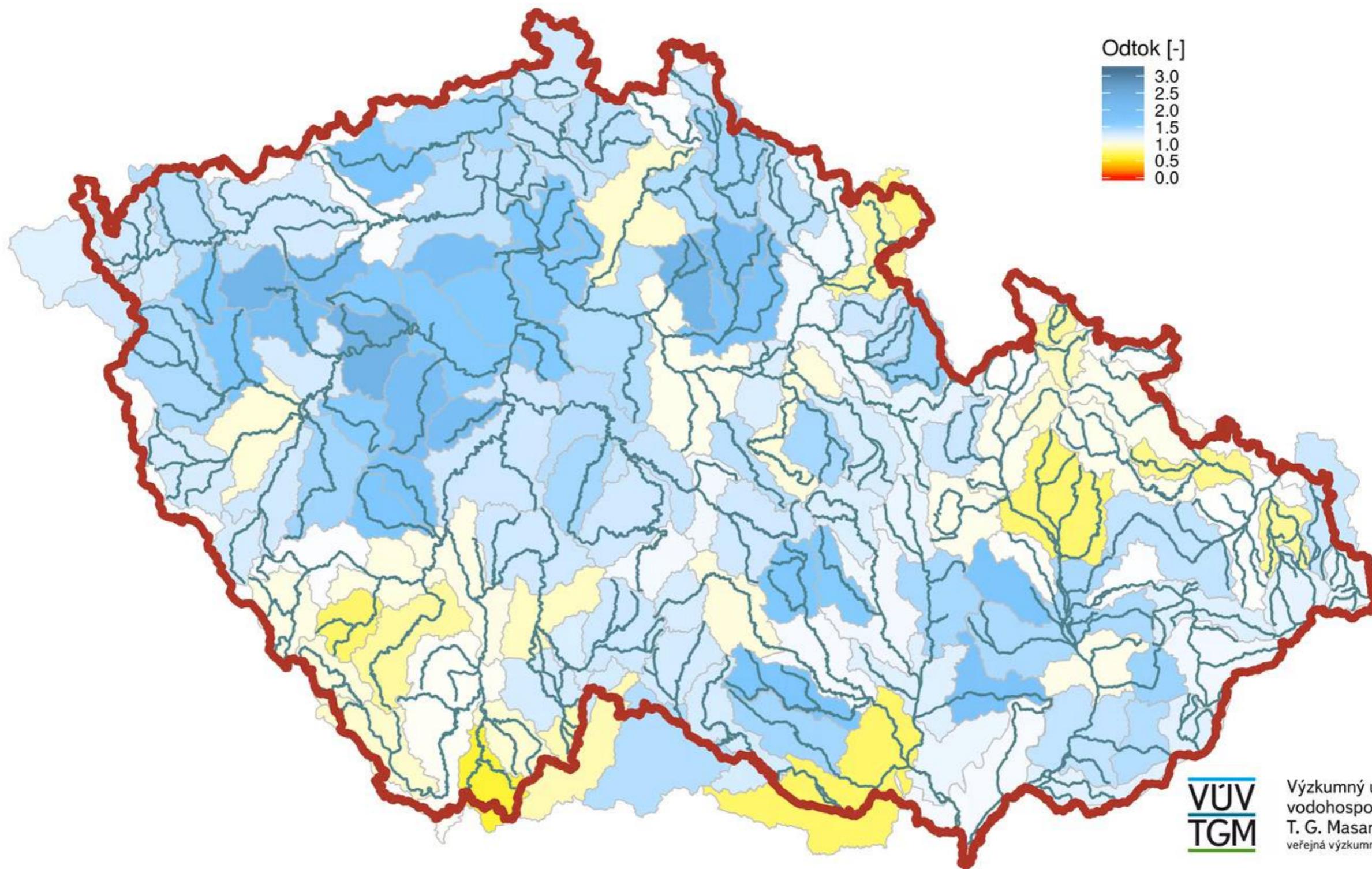
# Drought

**Tereza Davidová, Veronika Matuszna**  
**Water Protection Department**



# Relative runoff (related to the period 1981 – 2015)

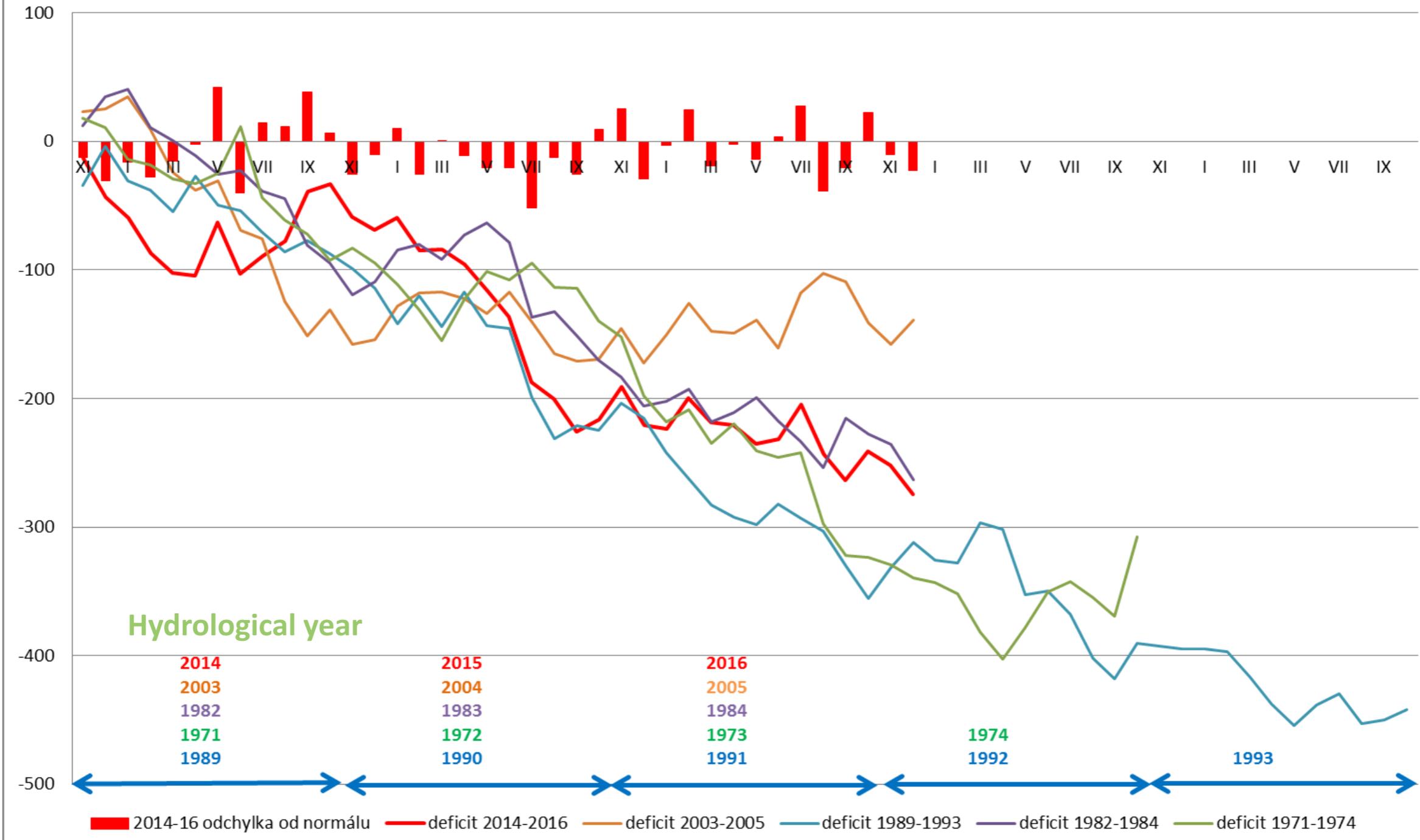
Poměr ku období 1981-2015 - rok 1981



VÚV  
TGM

Výzkumný ústav  
vodohospodářský  
T. G. Masaryka  
veřejná výzkumná instituce

# Cumulative precipitation deficits for dry periods



Source: Czech Hydrometeorological Institute



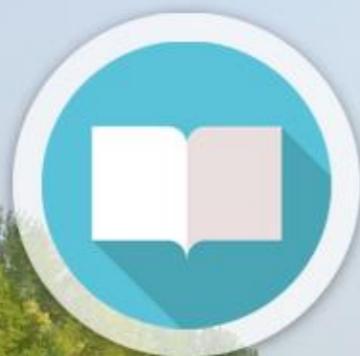
# Some other strategic documents in the area of drought

- ❖ **Czech Government resolution no. 620/2015**
  - ❖ document „Preparation of realization of measures to mitigate the effects of drought and water scarcity“ defining 50 thematic areas to be assessed considering the solution of drought
- ❖ Interdepartmental commission **WATER-DROUGHT**
- ❖ **Concept of protection against drought consequences on the territory of the Czech Republic**
  - ❖ concrete measures
  - ❖ drafted until 30 June 2017



SUCHO V KRAJINĚ

STRATEGIE OCHRANY PŘED NEGATIVNÍMI DOPADY SUCHA  
V ČESKÉ REPUBLICE



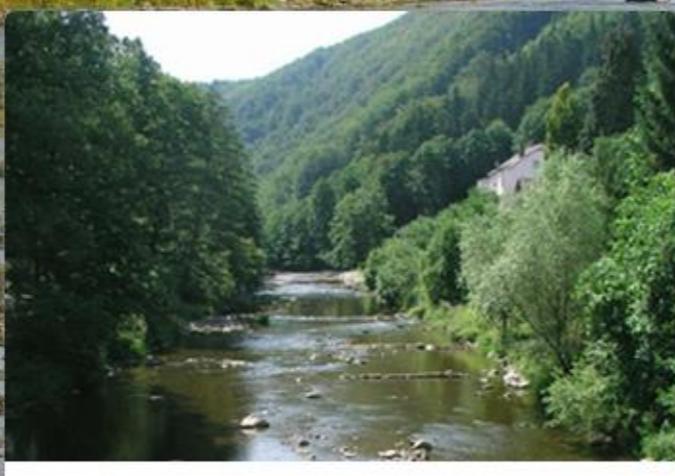
Podklady



Výstupy



Mapové kompozice



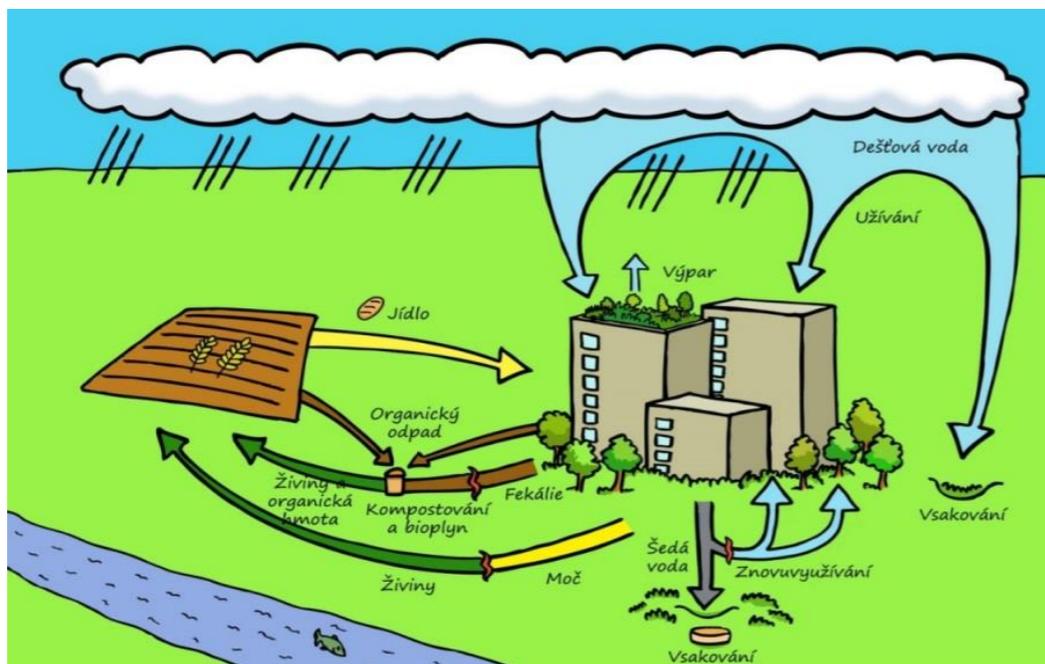
## Problems identified in 2015

- ❖ Difficulties in agriculture (Ministry of Agriculture)
- ❖ The ban of garden watering, swimming pools filling in some regions
- ❖ In areas depending on local water resources the drinking water was not available – backup systems such as converters from neighboring river basins operating
- ❖ Forced catches of fish during summer – due to low oxygen in water
- ❖ Insufficient legislation, lacks in monitoring networks – such as the inability to measure low flow rates, missing indexes for evaluating the intensity of drought



# Priorities of the Ministry of the Environment

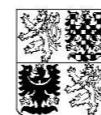
- ❖ Increase of the landscape retention capacity (erosion reduction, increase of soil organic matter, slowing the runoff, construction of small water features ..)  
*In cooperation with the Ministry of Agriculture*
- ❖ Environmental education of the youth and general public towards water saving
- ❖ Reuse of rainwater as well as grey water in cities, implementation of retention measures in municipalities
- ❖ Protection of groundwater (artificial recharge...)



# Tasks for 2017

- ❖ Concept of protection against drought consequences on the territory of the Czech Republic
- ❖ Prepare a plan for solution of crisis situation „Long-term drought“
- ❖ Prepare „Drought Management Plan“
- ❖ Participation on the actualisation of the Water Act

Ročník 2010



**SBÍRKA ZÁKONŮ**

ČESKÁ REPUBLIKA

Částka 101

Rozeslána dne 22. září 2010

Cena Kč 85,-

OBSAH:

273. Úplné znění zákona č. 254/2001 Sb., o vodách a o změně některých zákonů (vodní zákon), jak vyplývá z pozdějších změn

Ministerstvo životního prostředí

Ministerstvo životního prostředí  
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# Thank you for your attention.

Ministry of the Environment  
of the Czech Republic

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