

# Is anybody interested in researchers' opinion? – or the myth of the rational voter

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Czech Limnological Society



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Establishing a Regional Centre for Expertise on Education for Sustainable Development  
Ústí nad Labem, February 9–10, 2012

# Is anybody interested in researchers' opinion? – or the myth of the rational voter

- ❖ Establishing the Czech LTER Network
- ❖ Czech Biosphere Reserves
- ❖ Restoration of the Orlík Reservoir

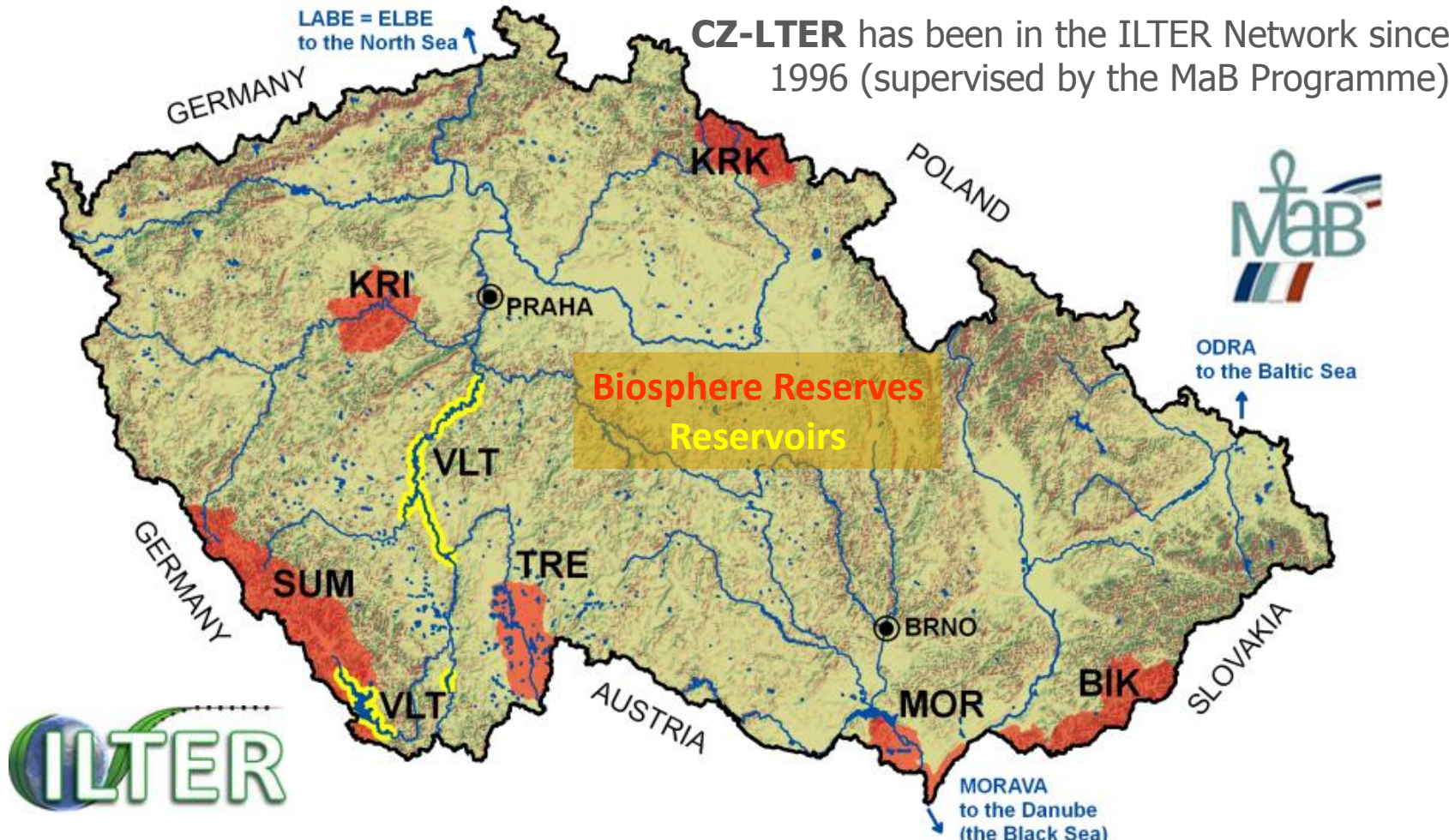


# ❖ Establishing the Czech LTER Network

❖ Czech Biosphere Reserves

❖ Restoration of the Orlik Reservoir

**CZ-LTER** has been in the ILTER Network since 1996 (supervised by the MaB Programme)



# ❖ Establishing the Czech LTER Network

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**ILTER Strategic Plan** (Namibia, 2006):

## **VISION:**

"ILTER's vision is a world in which science helps prevent and solve environmental and socio-ecological problems."



## **MISSION:**

"ILTER consists of **networks of scientists** engaged in **long-term, site-based ecological** and **socio-economic research**.

Our mission is to **improve understanding** of global ecosystems and **inform solutions** to **current** and **future** environmental problems."



# ❖ Establishing the Czech LTER Network

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**ILTER Strategic Plan** (Namibia, 2006):

**10-year goals:**

- **Foster collaboration and co-ordination** among ecological researchers and research networks at local, regional and global scales
- **Improve comparability** of long-term ecological data from sites around the world, and facilitate exchange and preservation of this data
- **Deliver** scientific **information** to scientists, policymakers, and the public to meet the needs of decision-makers at multiple levels
- **Facilitate education** of the next generation of long-term scientists

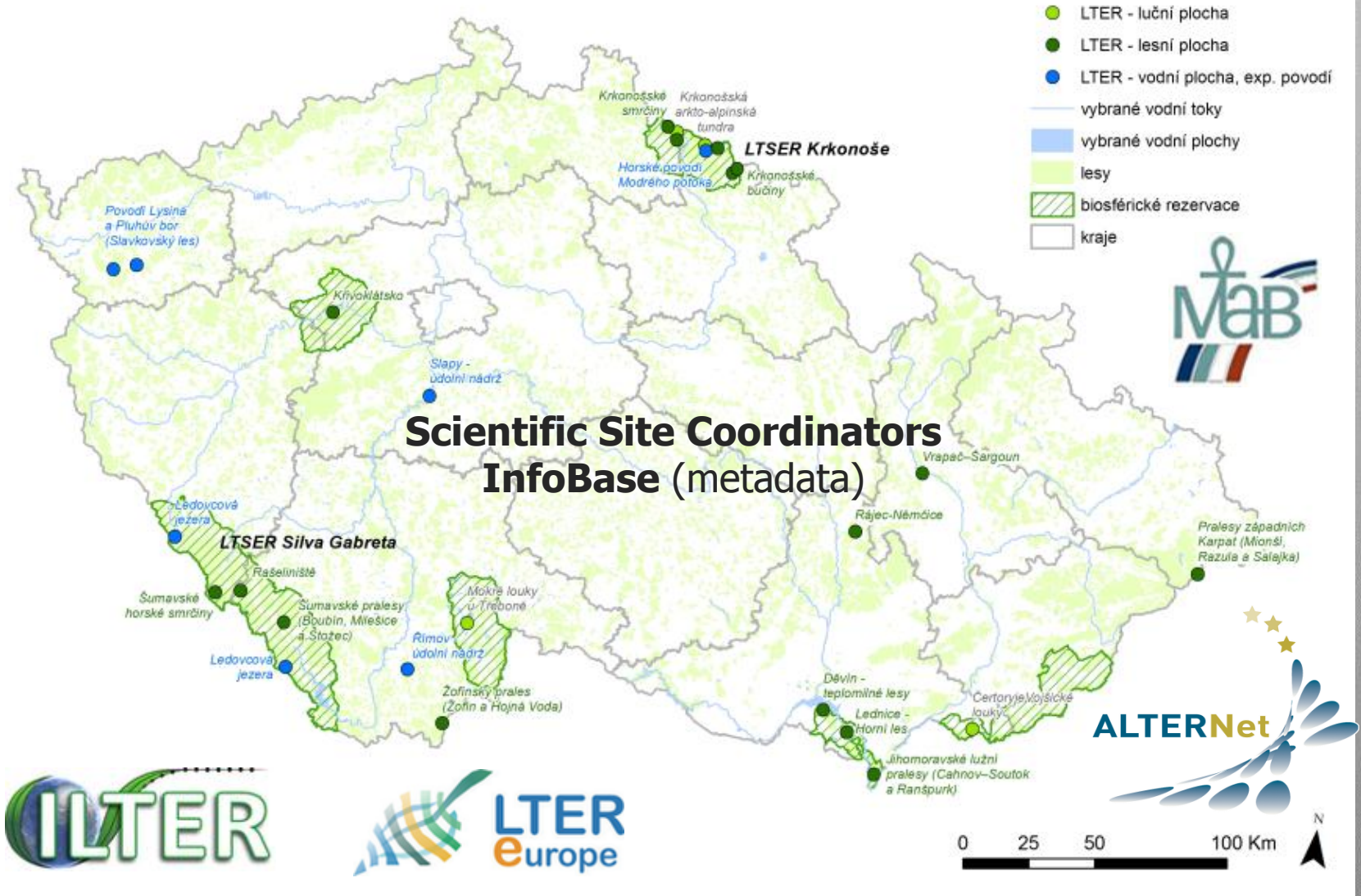


**Scientific Site Coordinators & InfoBase** (metadata sharing)



# ❖ Establishing the Czech LTER Network

[www.lter.cz](http://www.lter.cz)



**Scientific Site Coordinators  
InfoBase (metadata)**

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❖ Establishing the Czech LTER Network

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# ❖ Establishing the Czech LTER Network

## ❖ Czech Biosphere Reserves

### ❖ Restoration of the Orlík Reservoir

**BR – learning sites for sustainable development (UNESCO):**

- to promote sustainable development based on local community efforts and **sound science**
- to reconcile conservation of biological and cultural diversity and economic and social development through partnerships between people and nature
- to test and demonstrate innovative approaches to sustainable development from local to international scales



**Yet some Czech reality looks different...**



# ❖ Establishing the Czech LTER Network

## ❖ Czech Biosphere Reserves



 NADACE PARTNERSTVÍ

 MAB

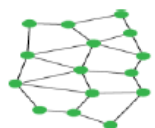
 DOLNÍ MORAVA  
biosférická rezervace

 **CHKO Soutok**

**Projekt/ Soutok lidí a krajiny**

Soutok lidí a krajiny: projekt byl v roce 2009 podpořen grantovou agenturou partnerství a je zaštitěn nevládní neziskovou organizací Hnutí DUHA, místní skupina Brno  
KONTAKT: koordinátor projektu: Iлона Vybíralová, tel: 720 598 781  
[ilona.vybiralova@hnutiduha.cz](mailto:ilona.vybiralova@hnutiduha.cz)

 Hnutí DUHA



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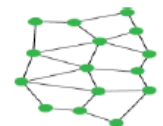
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## ❖ Czech Biosphere Reserves

Different point of view matters!  
Different point of view matters!  
Different point of view matters!



NP Šumava



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## ❖ Restoration of the Orlík Reservoir



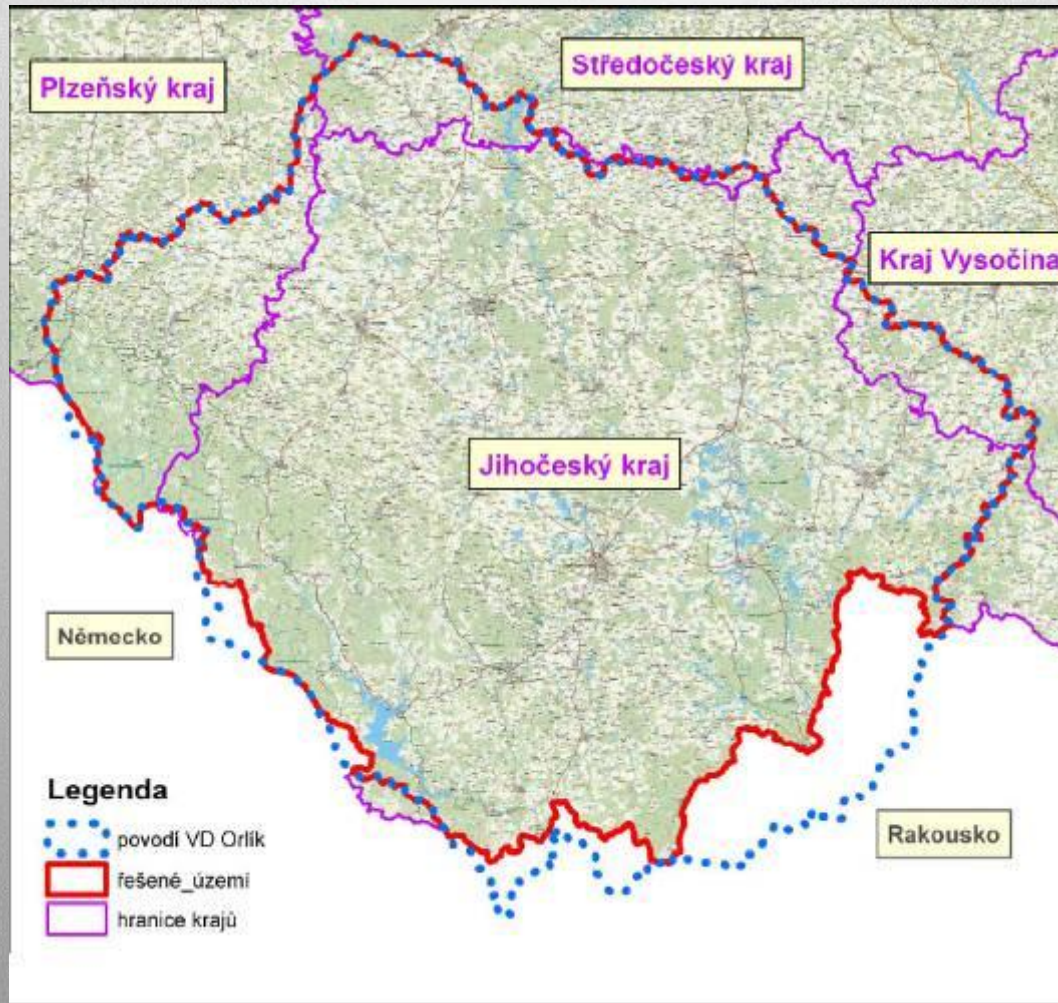
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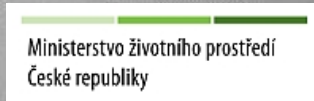
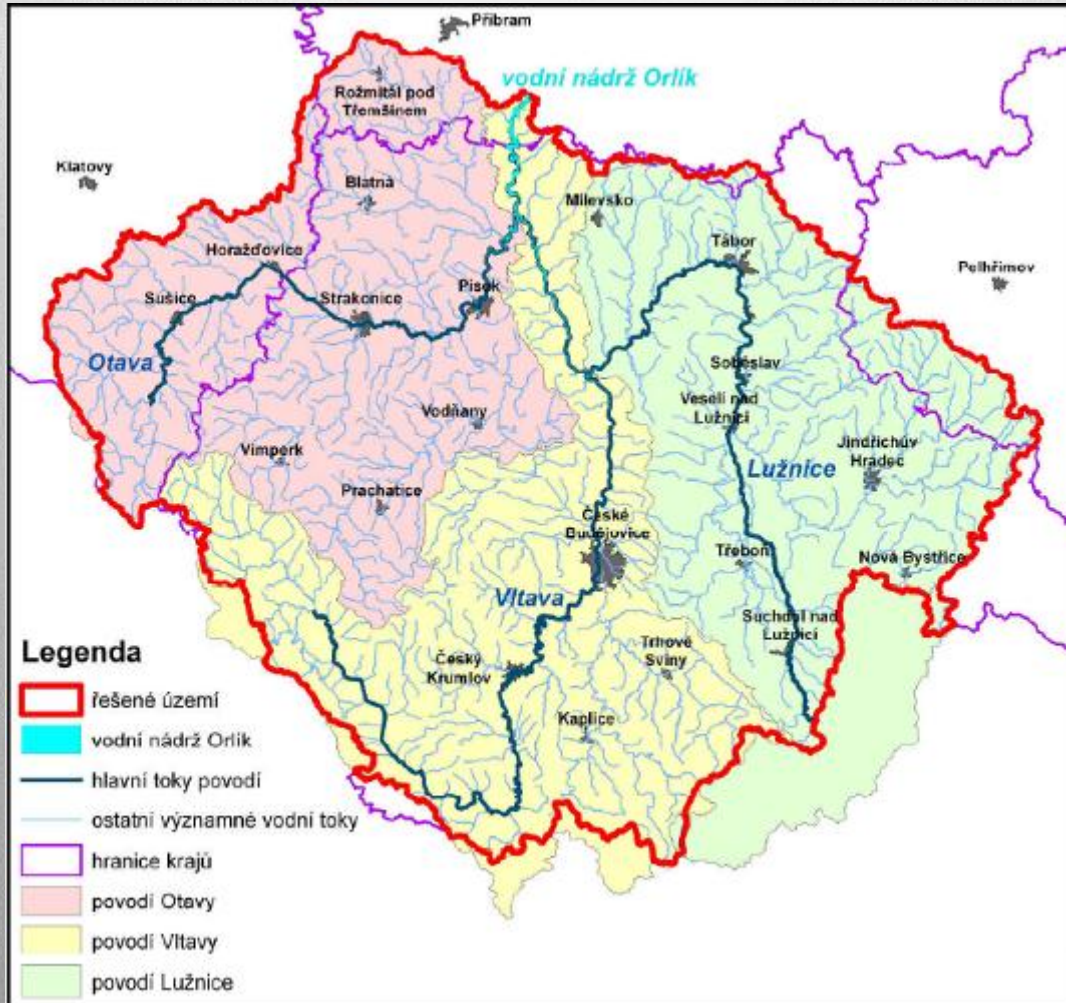
*Není běžné, aby se na řešení vážných společenských problémů celého regionu podíleli pracovníci základního výzkumu. V tomto příspěvku bychom rádi čtenáře seznámili s dobrým příkladem angažovanosti hydrobiologů a využití dlouhodobého výzkumu ekosystémů údolních nádrží a jejich povodí při hledání vhodného řešení pro upadající region kolem vodní nádrže Orlík. Komplexní řešení odborníci hledají v situaci, kdy se medializují nepříliš úspěšné, zato silně zpolitizované projekty na ozdravení jiných nádrží v Česku.*

❖ Establishing the Czech LTER Network  
 ❖ Czech Biosphere Reserves

❖ **Restoration of the Orlík Reservoir**



# ❖ Restoration of the Orlík Reservoir



# ❖ Establishing the Czech LTER Network

## ❖ Czech Biosphere Reserves

### ❖ Restoration of the Orlík Reservoir



- entire Vltava River Basin (**WFD implementation**)
- 72 local municipalities & stakeholders (**governance**)
- regional government (**political support**)
- **scientific board** of the project (research institutions)
- annual **conferences** (since 2008)
- **public awareness**
- **nutrient balance** of the reservoir catchment (2010)
- need in **P reduction** (ca. 60% of pollution)
- **feasibility study** (coming soon)
- **fundraising** (EU projects, etc.)

Ministerstvo životního prostředí  
České republiky



# ❖ Establishing the Czech LTER Network

## ❖ Czech Biosphere Reserves

## ❖ Restoration of the Orlík Reservoir

- LTER may be an excellent **tool** for sustainable development
- BR may be good **labs** for sustainable development
- the Orlík project may be an **example** of the best practice

However, any sustainable development cannot operate without

- **public awareness & political support of researchers' know-how**
- and, of course, **money, money, money...**

Overall **democracies choose bad policies** & the rational voter is the myth

(Bryan D. Caplan, 2007)