In Seattle, USA (18 - 21 September 2003) LTER-Slovenia was accepted in the International Long-Term Ecological Research network (ILTER).



Participating institutions in LTER-Slovenia:

1. Scientific Research Centre of the Slovenian Academy of Sciences and Arts

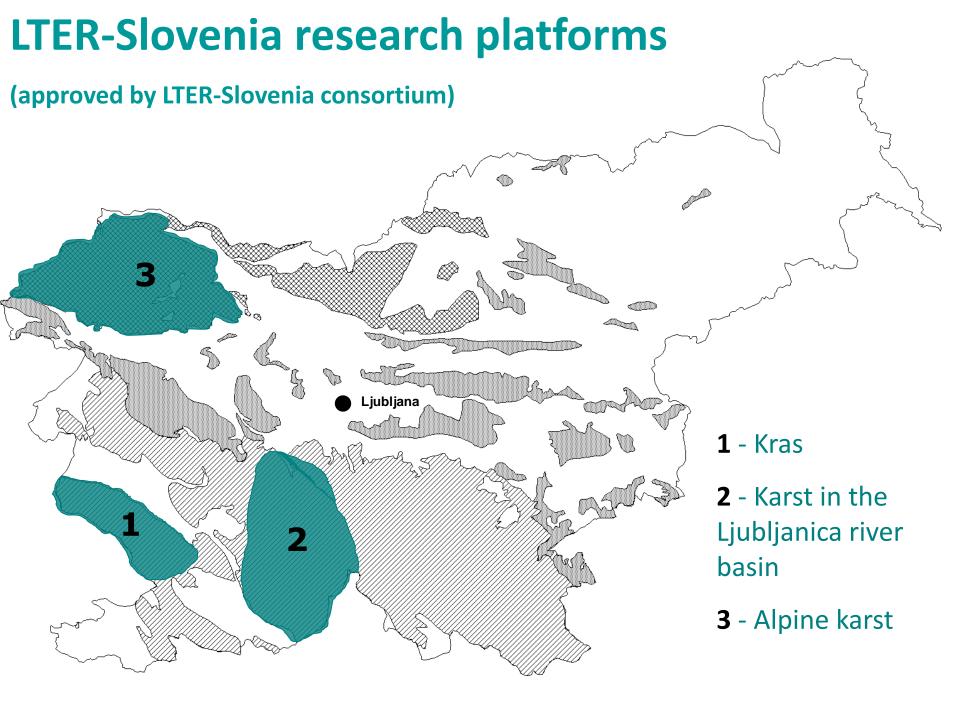
Karst Research Institute Jovan Hadži Institute of Biology

Institute of Anthropological and Spatial Studies Anton Melik Geographical Institute

- 2. National Institute of Biology
- 3. University of Primorska, Science and Research Centre of Koper, Institute for Biodiversity Studies
- 4. University of Ljubljana, Biotechnical Faculty, Department of Biology

Chair of Ecology Chair of Zoology

- **5. University of Maribor, Faculty of Natural Sciences and Mathematics, Department of Biology**Chair of Geobotanics
- 6. Notranjska Museum Postojna, Biological Department
- 7. Ministry of the Environment and Spatial Planning. Environmental Agency of the Republic of Slovenia



Some Criteria to define LTER-Slovenia research sites:

- 1. Recorded past activites in the region
- 2. Existence of "reference areas"
- 3. Coverage of gradients, e.g. altitude, types of habitats, ...
- 4. Establishing of network of people



- •Slovenia is situated in the very northwestern end of the Dinaric area, and is inhabited by the richest subterranean fauna in the world in addition to a rich variety of surface fauna and flora.
- •This richness means that of 517 registered species of stygobionts (obligate aquatic subterranean fauna) and 783 species of troglobionts (obligate terrestrial subterranean fauna) in Western Europe, there are respectively 207 and 166 of these species in Slovenia.
- •Besides the approximately 207 stygobiotic taxa in Slovenia there are 120 endemic taxa.



LTER-Slovenia sites includes investigations of biodiversity on:

KARST SURFACE

Karst poljes and intermittent lakes

High Alpine lakes

KARST UNDERGROUND

Caves

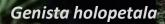
















Here are the caves **Škocjanske jame**, included in the UNESCO World Heritage List and included also in the Ramsar list as the important subterranean wetland. This, however, means not only an honour, but also a commintment to preserve this unique ecosystem with interesting subterranean and surface fauna and flora.

Caves

Geranium robertianum





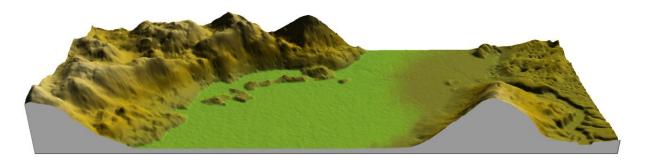
There are karst **springs**



Cerknica lake
Cerknica polje

Karst poljes as the well known **Cerknica polje**







JEZERO, KI IZGINJA

Monografija o Cerkniškem jezeru

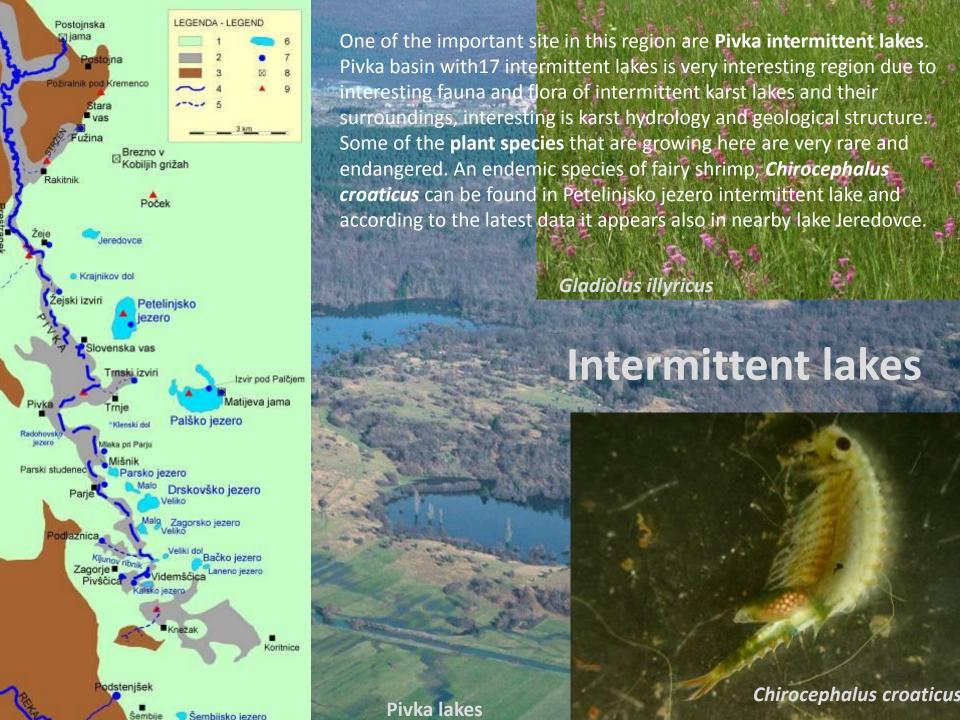
JEZERO, KI IZGINJA

In 2003 very interesting and comprehensive **monograph** about Cerknica lake was published, edited by Prof. Dr. Alenka Gaberščik. The book covers from geological, geomorphological, hydrological, speleological, climatic properties of the region, to flora, vegetation and fauna of the Cerknica lake, as well as socio-geographic and cultural characteristics.

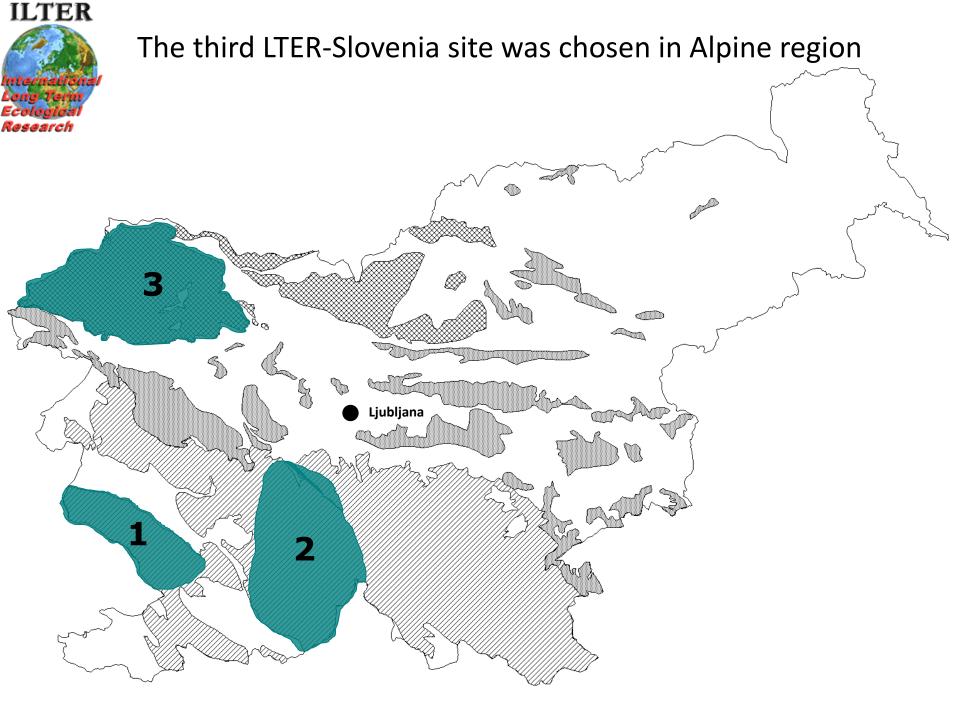
Monografija o Cerkniškem jezeru

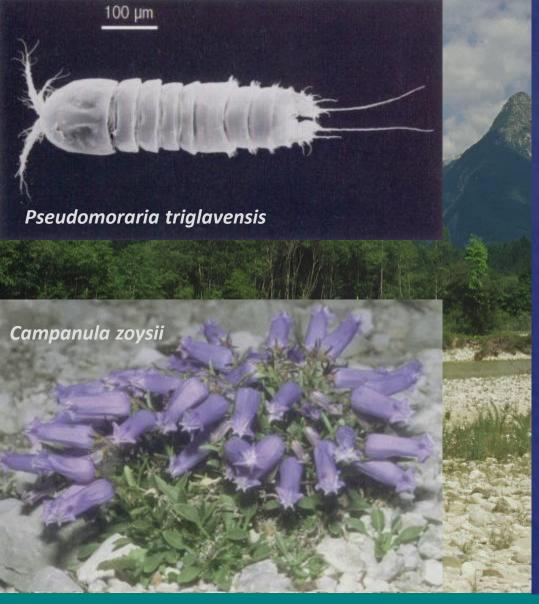
UREDILA ALENKA GABERŠČIK DRUŠTVO EKOLOGOV SLOVENIJE

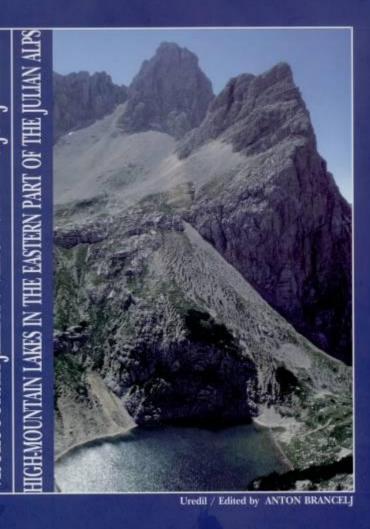
LJUBLJANA, 2003











Alpine karst

where interesting **alpine flora** and vegetation appears. In 2002 interesting **monograph** on High mountain lakes in the Eastern part of the Julian Alps was published, edited by dr. Brancelj. Many physical, chemical and biological data from high mountain lakes are described in it.

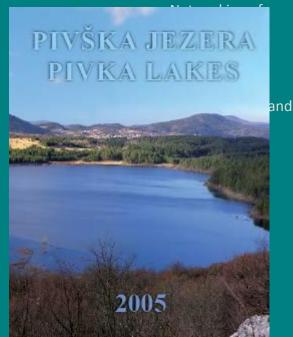
Historical review of LTER-Slovenia activities



Expression of interest

Kopenhagen Denmark,16 Jan

Workshop on European



Motz France, 1-5 July

European-American workshop on long term socioenvironmental research

Seattle USA, 18-21 Sept

LTER All scientists meeting

Postojna

Slovenia, 12-14 Sep

Visit of Dr. H. Gholz, Program Director for



ACTA CARSOLOGICA Letnik 34 (2005), Št. 3 Volume 34 (2005), No. 3







Colima Mexico, Gumpenstein Austria, 26 Oct- 2 Nov 17-19 May

Coordinating comittee meetig the ILTER

Gumpenstein joint of ALTER-Net meeting of workpackages I2, I3, R1

Postojna Slovenia

Monograph of LTER-Slovenia site (Pivka lakes)

Východná Slovakia, 24-28 May

ILTER workshop of Central and Eastern European countries

Postojna Slovenia, 20-24 Oct

Slovenian-US workshop on long term ecological research

LTER-Slovenia Tanja Pipan – ID 1260

Scientific Research Centre of the Slovenian Academy of Sciences and Arts (ZRC SAZU) ID 1260, 2058, 2059, 1255, 1261

ID 2062

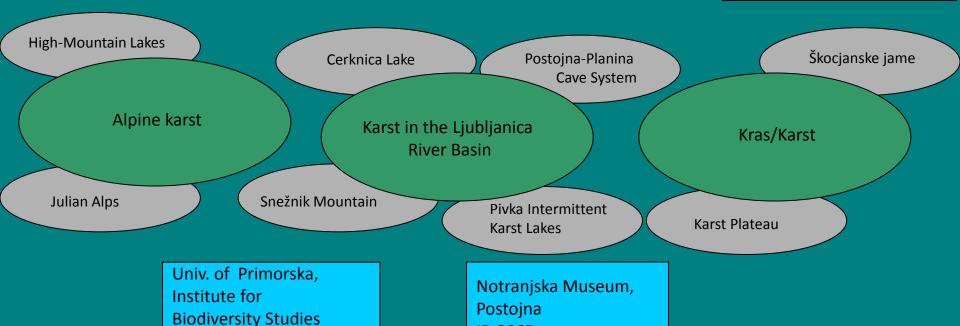
Ministry of the Environment and Spatial Planning ID 2061

Slovenian Research Agency

University of Ljubljana, Biotechnical Faculty ID 2063

Institutes within ZRC SAZU ID 1260, 2059, 1261, 1255, 2058

National Institute of Biology ID 2060 University of Maribor, Faculty of Natural Sciences and Mathematics ID 2064



ID 2065

LTER-Slovenia Tanja Pipan – ID 1260

Slovenian Academy of Sciences and Arts (ZRC SAZU) ID 1260, 2058, 2059, 1255, 1261

ID 2062

Ministry for Environment and Spatial Planning ID 2061

Slovenian Research Agency

University of Ljubljana, Slovenian Academy of University of Maribor, National Institute of **Biotechnical Faculty ID Faculty of Education** Sciences and Arts Biology 2063 ID 2064 ID 1260, 2059, 1261, ID 2060 1255, 2058 **High-Mountain Lakes** Cerknica Lake Postojna-Planina Škocjanske jame Cave System Alpine karst Karst in the Ljublianica Kras/Karst River Basin Julian Alps Snežnik Mountain Pivka Intermittent Karst Plateau Karst Lakes Univ. of Primorska, Notranjska Museum, Institute for **Postojna Biodiversity Studies**

ID 2065