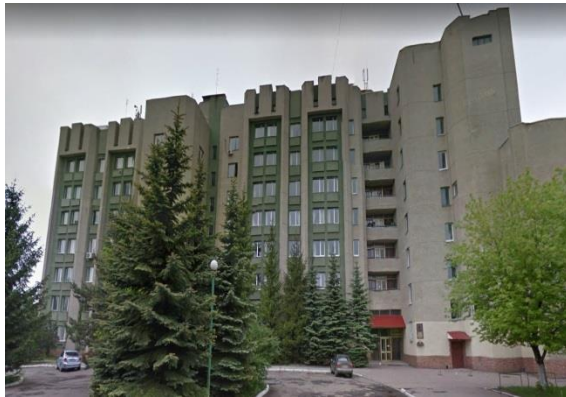


***Institute of Ecology of the
Carpathians
National Academy of
Science of Ukraine***



Institute of Ecology of the Carpathians National Academy of Science of Ukraine



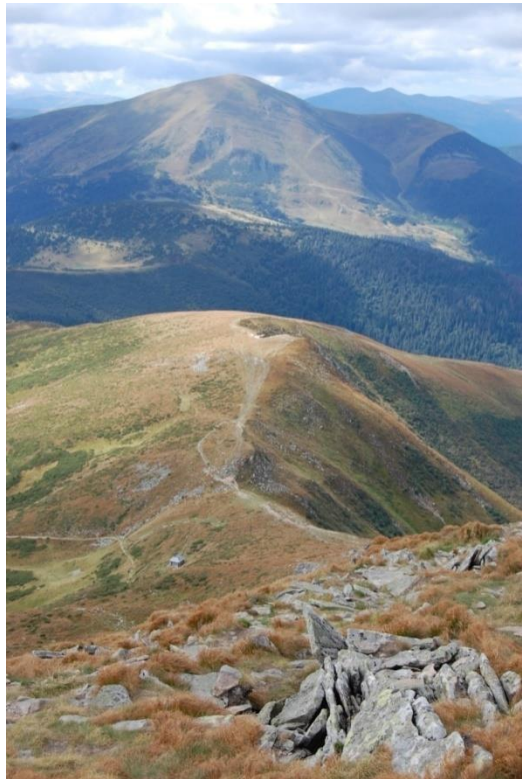
The Institute was founded in October 22, 1991 (on the basis of the Lviv branch of the Institute of the Botany NAS of Ukraine, 1974 yr.).

Institute includes the 4 departments:

- **Ecosystemology**
- **Population Ecology**
- **Protection of Nature Ecosystems**
- **Ecomorphogenesis of Plants**
- **Carpathian Highmountain Biological Station**



Scientific trends and achievements of IEC NASU



Complex investigations of structural and functional organization of natural and disturbed ecosystems and some components of the ecosystems, monitoring

Stationary investigations of rare, relict, endemic and useful plant's species population organization, their structural changes under anthropogenic pressure, mechanisms of regulation and management of populations for their economical use and protection

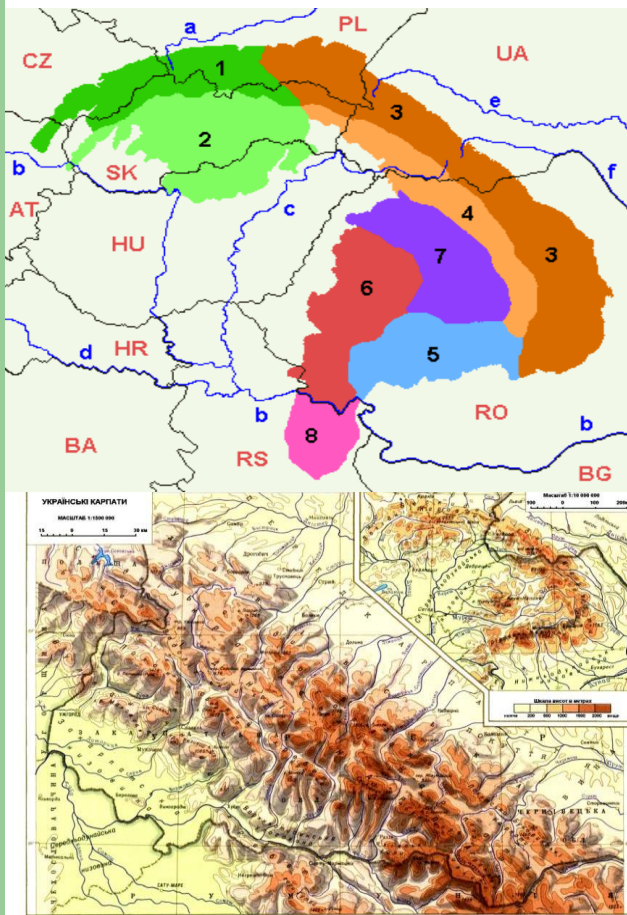
Projects related to the sustainable development of mountain areas and the conservation of biodiversity in which the IEC NASU participated.

- Transformation Processes in the Dnister Region (Western Ukraine), financed by Ministry of Research and Technology of Germany & UNESCO financial support, 1997-2004
- COUNTRY SURVEY ON SUSTAINABLE AGRICULTURAL AND RURAL DEVELOPMENT IN UKRAINE (UKRAINIAN PART OF THE CARPATHIANS), financed by UNEP Vienna ISCC, 2005
- Tracking surrogates for intraspecific biodiversity: towards efficient selection strategies for the conservation of natural genetic resources using comparative mapping and modeling – IntraBioDiv), funded by the European Union, grant GOCE-CT-2003-505376, 2009-2012
- Introduction of EU Standards and Methods for Habitat Identification and Classification in Ukraine (a pilot project in the Ukrainian part of the Carpathians) fond of BBI – MATRA, 2009-2012
- Analysis of environmental legislation in the forest sector of Ukraine and development of proposals for its improvement ", ENPI FLEG II, 2012-2017
- Supporting responsible forestry management for sustainable development in the Ukrainian Carpathians, funded by the Investment and Development Society DEG, 2012-2015
- Support for responsible forestry management in the Danube-Carpathian Ecoregion, funded by IKEA, 2011-2017
- Assessment of the status of plant species populations of international red lists in the Ukrainian Carpathians "under the grant number 3826 of the Ukrainian Scientific and Technological Center under the aegis of the EU, 2006-2009
- Influence of climate change on the habitat of rare species of plants of the highlands of the Ukrainian Carpathians under grant No. 75/81 of the State Fund for Fundamental Research, 2017-2018

Study regions **UKRAINIAN CARPATHIANS**



UKRAINIAN CARPATHIANS



UKRAINIAN CARPATHIANS are clipping the country's southwest corner endowing Ukraine with a crinkled region of forested hills, spectacular mountain lakes, fast-flowing rivers and picturesque waterfalls.

Carpathian region in western Ukraine contrasts hugely with the flatness of the steppes in the South East and of the country as well as urbanized territories of central and eastern Ukraine. Here rises mountain Hoverla – Ukraine's highest peak (2061m).

STUDY PROJECT

Environmental Governance for Environmental Curricula (EnGo) 2010-2014

The postgraduate training curriculum on the specialty "Ecology"

For the general course of post-graduate students-ecologists a scientific manual "Ecosystemology".

For graduate students, who specialize in the management of biodiversity in plant populations of mountain areas, methodical guidelines

ЕКОСИСТЕМОЛОГІЯ



НАЦІОНАЛЬНА АКАДЕМІЯ НАУК УКРАЇНИ
ІНСТИТУТ ЕКОЛОГІЇ КАРПАТ НАН УКРАЇНИ

ПОПУЛЯЦІЙНЕ РІЗНОМАНІТТЯ
РІДКІСНИХ ВИДІВ ВИСОКОГІР'Я
УКРАЇНСЬКИХ
КАРПАТ

NATIONAL ACADEMY OF SCIENCES OF UKRAINE
INSTITUTE OF ECOLOGY OF THE CARPATHIANS

M. HOLUBETS

ECOSYSTEMOLOGY

НАЦІОНАЛЬНА АКАДЕМІЯ НАУК УКРАЇНИ
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КАРПАТ
ЗБЕРЕЖЕННЯ ТА УПРАВЛІННЯ

НАУКОВІ РЕКОМЕНДАЦІЇ

За редакцією
І.В. Царика і М.П. Козловського

Видання здійснено за фінансової підтримки проекту
EC Tempus Joint Project 511390-TEMPUS-1-2010-1-SK-TEMPUS-JPCR
EnGo - Environmental Governance for Environmental Curricula

ЛЬВІВ - 2013

STUDY PROJECT

Qualifications Framework for Environmental Science of Ukrainian Universities 2013-2016

- ✓ Qualifications Framework for Environmental Science at Ukrainian universities.
- ✓ Created training centers at partner universities.
- ✓ Developed and implemented training courses.



STUDY PROJECT

Integrated Doctoral Program for Environmental Policy, Management and Technology INTENSE

Curriculum development

Development of study materials on such issues as biodiversity conservation, mountain ecosystems and their degradation, mountain hydrology, plant and animal ecology in glacial and periglacial conditions, and local communities in mountain regions.

Access to its experimental field station in Carpathian Mountains

Development of COP, research frameworks and transition plans

- revision of “passports of a PhD specialisation
- launching national INTENSE schools and the International INTENSE Network
- development of eLearning modules and MOOCs
- implementation of INTENSE research training