



**P 7**

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

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**[www.ecoinst.lviv.ua](http://www.ecoinst.lviv.ua)**

**Kick-off meeting, Vienna, Austria 26-28 March 2018**



**The Institute was founded in October 22, 1991 on the basis of Lviv Branch of N.G.Kholodny Institute of Botany NAS of Ukraine.**

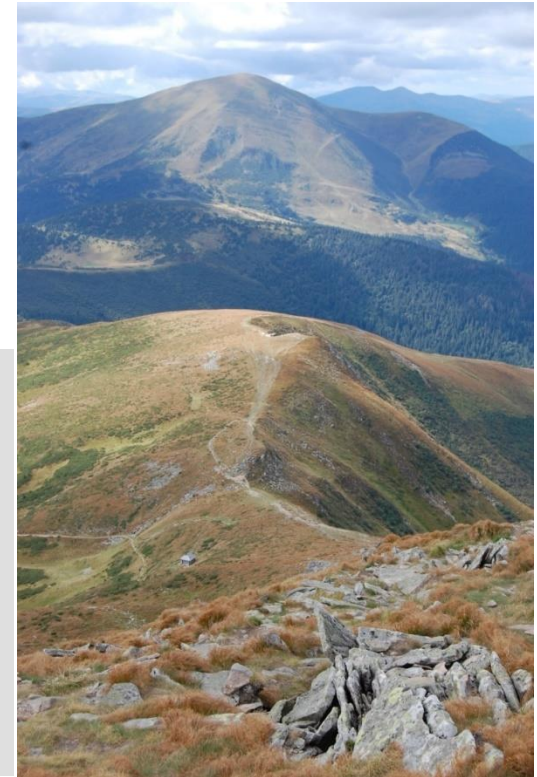
- **Institute includes the four departments:**
  - **Ecosystemology,**
  - **Population Ecology with the Carpathian Highmountain Biological Station,**
  - **Protection of Nature Ecosystems,**
  - **Ecomorphogenesis of Plants.**



## ***Scientific trends and achievements***

**Complex investigations of structural and functional organization of ecosystems and geosociosystems, biogeocenotical and geosocial process regulation modes, development of theoretical and methodical base of comprehensive monitoring of environment**

**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**



## ***Scientific trends and achievements***



**Investigations of ecological and chorological peculiarities of rare plant communities and species, elaboration of scientific basis of gene pool and biodiversity protection in Ukraine, conservation and rational organization on the territories under protection;**

- **Study of the initial changes and sequence of physiological, biochemical and morphological processes under inherent and external factors during of plant onthogenesis heredity program realization, cognition of role ecological and onthogenetical facilities of adaptation and microevolution and possible ways of their regulation.**

- ✓ The institute has postgraduate studies in the specialty “Ecology” and “Botany”
- ✓ Since 2011 - Academic Council for de-fence of Doctor of Philosophy (PhD) in “Ecology”





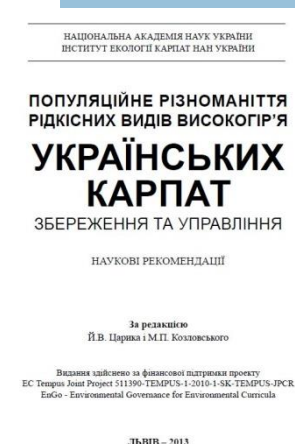
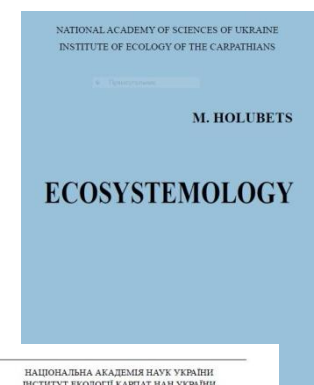
# Environmental Governance for Environmental Curricula (EnGo) 2010-2014

*511390-TEMPUS-1-2010-1-SK-JPCR- EnGo*

The postgraduate training curriculum on  
the specialty "Ecology"

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

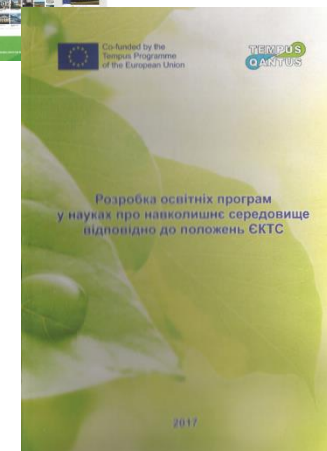
For graduate students, who specialize in  
the management of biodiversity in plant  
populations of mountain areas, methodical  
guidelines



# Qualifications Framework for Environmental Science of Ukrainian Universities 2013-2016

*544524-TEMPUS-1-2013-1-PL-TEMPUS-SMHES QANTUS*

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



## **Integrated Doctoral Program for Environmental Policy, Management and Technology**

**INTENSE**

**586471-EPP-1-2017-1-EE-EPPKA2-CBHE-JP**

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 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



A scenic mountain landscape under a clear blue sky. The mountains are covered in green vegetation with patches of snow. In the foreground, there is a grassy field with a yellow bench. The text "Thank you for attention!" is overlaid in the center.

**Thank you for attention!**