



SCGIS Ukraine  
National Nature Park «Slobozhanskyi»  
**Scientific-methodological seminar**  
**«GIS and protected areas»**

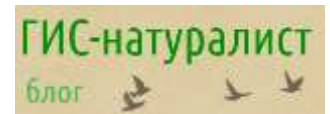


30 May – 2 June 2019  
(Kharkiv region, Krasnokhutsk district)



**Agenda**

**Thursday (30 May) — Kharkiv**



10:00	<i>Registration of participants (Kharkiv)</i>	
10:30	<i>Introductory remarks of the organization committee</i>	
10:50	Conservation GIS in the world and in Ukraine <i>Vinokurova S. (SCGIS Ukraine, Azov-Black Sea Ornithological Station), Tupikov A. (SCGIS Ukraine)</i>	Presentation
11:20	Presentation by the Bulgarian colleagues (Skype)	Presentation
11:40	Presentation by the Belorussian colleagues (Skype)	Presentation
12:00	ArcGIS-online workshop (creation of web-applications) <i>Diadin D. (O.M. Beketov NUUE, SCGIS Ukraine)</i>	Workshop
13:40	<i>Break</i>	
14:40	Vision's main features and advantages <i>Kozyr M. (EOS Vision)</i>	Workshop
16:00	<i>Departure to the National Park "Slobozhanskyi" (Krasnokhutsk district)</i>	
18:00	<i>Arrival to the National Park "Slobozhanskyi", accommodation, dinner</i>	

20:00	<i>Welcome party. Short speeches of the participants</i>	Workshop
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**31 May (Friday) — NNP “Slobozhanskyi”**

08:00	<i>Light breakfast</i>	
09:00	QGIS for beginners <i>Brusnetsova N. (NNP “Slobozhanskyi”, SCGIS Ukraine)</i>	Workshop
09:00	Starting with Google Earth Engine <i>Biatov A. (NGO «Ukrainian conservation group», blog “GIS-naturalist”, SCGIS Ukraine)</i>	Workshop
09:30	Shell – scripts for the optimization of geodata routine <i>Biatov A. (NGO “Ukrainian conservation group”, blog “GIS-naturalist”, SCGIS Ukraine)</i>	Workshop (alternative)
10:30	Running R-scripts via QGIS Processing interface <i>Biatov A. (NGO “Ukrainian conservation group”, blog “GIS-naturalist”, SCGIS Ukraine)</i>	Workshop (alternative)
10:30	Work with geotagged photos in QGIS <i>Biatov A. (NGO “Ukrainian conservation group”, blog “GIS-naturalist”, SCGIS Ukraine)</i>	Workshop
11:00	<i>Break</i>	
11:30	Field data collection using mobile apps. Modern abilities. <i>Diadin D. (O.M. Beketov NUUE , SCGIS Ukraine)</i>	Workshop
12:30	Conceptual modeling in GIS <i>Liashenko D. (National Transport University)</i>	Presentation
14:00	<i>Lunch</i>	
15:00	Presentation of Trimble equipment used to work in RTK mode <i>Oleinikov I. (Geocom)</i>	Demonstration Workshop

16:40	Spatial analysis of the overlapping of nature conservation objects with plots of gas and oil mining in Eastern Basin <i>Diadin D. (O.M. Beketov NUUE, SCGIS Ukraine)</i>	Presentation
17:00	<i>Break</i>	
17:30	Modeling of species distribution and of ecological niche: does it work? <i>Godlevska O., Savchenko M. (I.I. Shmalhausen Institute of Zoology, NAS of Ukraine)</i>	Presentation
17:40	SQL and spatial data. From basic principles to data analysis. <i>Maluk M. (EOS Vision)</i>	Presentation
18:00	Remote sensing and data analysis in public nature conservation activities. <i>Vasylenko E. (NGO "Ecological council of Kryvorizhia", JSC "UkrGasVydobuvannya")</i>	Presentation
18:10	Usage of GIS technologies for mapping in NNP "Sviati Gory" <i>Skubak E. (NNP "Sviati Gory")</i>	Presentation
18:20	Usage of UAV DJI Phantom 4. <i>Kurmaz S. (NNP "Sviati Gory")</i>	Presentation
18:30	Usage of fine-scale geobotanic mapping in eco-phytocenological research in NNP "Slobozhanskiy". <i>Bezrodnova O. (NNP "Slobozhanskiy", V.N. Karazin NU of Kharkiv), Kleshch A. (V.N. Karazin NU of Kharkiv)</i>	Presentation
18:40	Retrospective analysis of Cretaceous pine in the "Kreidova flora" part of the Ukrainian Steppe Nature Reserve using remote sensing data. <i>Spinova Y. (National University Of Kyiv-Mohyla Academy, NGO "Ukrainian conservation group")</i>	Presentation
18:50	Usage of modern technologies in NNP "Dvorichanskiy". <i>Kletionkin V. (NNP "Dvorichanskiy")</i>	Presentation

<i>19:00</i>	<i>Dinner</i>	
20:00	Work with meteorological data in GIS	Discussion

**Saturday 1 June — NNP “Slobozhanskyi”**

08:00	<i>Light breakfast</i>	
09:00	Publication of open biodiversity data with GBIF in Ukraine. <i>Yatsiuk I. (V.N. Karazin NU of Kharkiv)</i>	Workshop
10:00	Machine learning in land cover classification. <i>Vasylenko E. (NGO “Ecological council of Kryvorizhia“, JSC “UkrGasVydobuvannya”)</i>	Workshop
11:30	<i>Break</i>	
12:00	Data Cleaning, or how to find and fix errors in big datasets <i>Prylutskyi O. (V.N. Karazin NU of Kharkiv, SCGIS Ukraine)</i>	Workshop
13:00	What are projections and how to get along with them? <i>Liashenko D. (National Transport University)</i>	Presentation
13:30	<i>Lunch</i>	
14:30	Aerial imagery using amateur drone DJI Phantom <i>Biatov A. (NGO “Ukrainian conservation group”, blog “GIS-naturalist”, SCGIS Ukraine)</i>	Demonstration Workshop
15:30	Analysis of spatial point patterns. Why it is important not only to visualize data but also to analyze it? <i>Kozyr M. (EOS Vision)</i>	Workshop
17:00	<i>Break</i>	
17:30	Basics of MaxEnt <i>Savchenko M. (I.I. Shmalhausen Institute of Zoology, NAS of Ukraine)</i>	Workshop
19:00	Capabilities of GPU while working with spatial data. <i>Gulko S. (EOS Vision)</i>	Presentation

19:20	Remote sensing as a component in the system of ecological monitoring <i>Vasylenko E. (NGO “Ecological council of Kryvorizhia“, JSC “UkrGasVydobuvannya”)</i>	Presentation
19:30	<i>Dinner</i>	

### 02 June (Sunday) — NNP “Slobozhanskyi”

08:00	<i>Light breakfast</i>	
09:00	Creation of time-lapse animation from a series of Sentinel-2 scenes <i>Kleshnin O.</i>	Workshop
11:00	<i>Break</i>	
11:30	Usage of GIS technologies in complex botanical and zoological research <i>Galushchenko N. (National Nature Park “Desniansko-Starogutskyi”)</i>	Presentation
11:40	Experience in organization of floristic and geobotanic studies using GIS on the basis of NNP “Buzkiy Gard” <i>Shyriaeva D.</i>	Presentation
11:50	Assessment of impact on environment in land management projects. <i>Tretiak R. (NGO «League of land assessors», DEA)</i>	Presentation
12:00	Mapping of locations (herbarium data) for estimates according to IUCN criteria in OziExplorer <i>Burlaka M. (M.G. Kholodnyi Institute of Botany)</i>	Presentation
12:10	Databases and their usage in scientific work of Lugansk Nature Reserve of NAS of Ukraine <i>Guz’ G. (Lugansk Nature Reserve)</i>	Presentation
12:20	SCGIS Ukraine	Discussion
14:00	<i>Lunch</i>	

<i>15:00</i>	<i>Departure to Kharkiv</i>	
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