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Joint Operational Program "Black Sea Basin" 2014-2020 BSB27 MONITOX

"Black Sea Basin interdisciplinary cooperation network for sustainable joint monitoring of environmental toxicants migration, improved evaluation of ecological state and human health impact of harmful substances, and public exposure prevention"

Agenda Expert training *GIS/Q-GIS technology; case studies and applications*

Chişinău, 17th-18th November 2020

Institute of Geology and Seismology, Chişinău, Republic of Moldova - Project Partner 4 (PP4)

Part I - 17th November 2020

Moderator:

Oleg Bogdevich, PhD, project coordinator PP4

No	Presenter and authors <i>Institution of corresponding author</i>	Title	Time
1	<u>Oleg Bogdevich</u> , Antoaneta Ene, Elena Zubcov, Thomas Spanos, Liliana Teodorof	Mapping of contaminated sites for environmental risk assessment using GIS technology	14:00 - 14:15
2	<u>Ghenadie Syrodoev</u> , Oleg Bogdevich, Igor Nicoara	The use of GIS technologies for creating databases on the example of the "Geological Monuments" database	14:15 - 14:30
3	<u>Emmanouilidou Elissavet</u> , Yusuf Yohannah, Sofia Mitkidou, Nikolaos Kokkinos	Investigation of petroleum hydrocarbon fingerprints of water and sediment samples of the Nestos River estuary	14:30 - 14:45
4	<u>Iakovoglou V.</u> , Gkias G., Pagonis G., Savvopoulou A., Kasapidis I., Zaimis G.	Field measurements and GIS to find optimal locations for works to prevent soil erosion.	14:45 - 15:00
5	<u>Zaimis G.N.</u> , Gounaridis D., Symeonakis E., Iakovoglou V.	Assessing the riparian vegetation of the Nestos Delta through Vegetation Indices and the Random Forest model.	15:00 - 15:15
6	<u>Oleg Bogdevich</u>	Status of elaboration of GIS maps in the target region for selected toxicants	15:15 - 15:30

Link <https://us02web.zoom.us/j/83264344310?pwd=WUJRYVFsMUJSZi9OUTI4cDEvZitSZz09>

Conference identification: 832 6434 4310

Code: 413700

Name: MONITOX workshop "Modelling of regional toxic pollution in Black Sea Basin" second part

Common borders. Common solutions.

Part II - 18th November 2020

Institute of Geology and Seismology, Chişinău, Republic of Moldova - Project Partner 4 (PP4)

Moderator:

Oleg Bogdevich, PhD, project coordinator PP4,

9.45-10.10	Participants registration Venue of Institute of Geology and Seismology, Gh. Asachi 60/3, Room 213A Responsible: Elena Culighin
10.10-10.20	Welcome of participants and presentation of the project objectives, GIS application for the environmental and geological study and mapping of the environmental status of water objects and target toxicant concentrations dr. Oleg Bogdevich, Project Coordinator PP4, Institute of Geology and Seismology
10.20-10.50	GIS technology for the geological, seismological and environmental studies: review of case studies of Institute of Geology and Seismology Oleg Bogdevich, Igor Nicoara, Victor Jeleapov, Evghenii Isicico, PP4 IGS-MD
10.50-11.20	Evaluation of seismic hazard and monitoring of seismic events in Low Danube Euroregion: integration in international network Igor Nicoara, Oleg Bogdevich, Victor Jeleapov, Evghenii Isicico
11:20 - 12:00	GIS/QGIS training for professionals and students Methodology of GIS application for environmental and geological studies Oleg Bogdevich The comparison of GIS software: ArcGIS versus QGIS Oleg Bogdevich The expected results of GIS application in the project MONITOX Oleg Bogdevich

Link <https://us02web.zoom.us/j/81486229283?pwd=dWRSclhkenJkWmtOaFZ1c1c0ejBDQT09>

Conference identification: 814 8622 9283

Code: 960712

Name: Expert training: GIS/Q-GIS technology; case studies and applications

Training organizers - Project coordinating committee:

- ✚ Dr. geol. **Oleg Bogdevich** - *Project Coordinator partner PP4*, IGS, Chisinau, Republic of Moldova
- ✚ Dr. geol. **Igor Nicoara** - Director of Institute of Geology and Seismology
- ✚ Mem. cor. ASM, prof. dr. habil. biol. **Elena Zubcov** - *Project Coordinator partner PP2*, Institute of Zoology, Chisinau, Republic of Moldova
- ✚ Prof.dr. habil. eng. phys. **Antoaneta Ene** - *Project Manager, Leader Partner LP1-* Dunarea de Jos University of Galati, Romania
- ✚ Prof. dr. chem. **Thomas Spanos** - *Project Coordinator partner PP3*, International Hellenic University, Kavala, Greece
- ✚ Dr. chem. **Liliana Teodorof** - *Project Coordinator partner PP5*, Danube Delta National Institute, Tulcea, Romania

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