



Innovative Postgraduate Education in The Field of Environment Protection: Methods and Tools

05 – 07 October, 2022



NAS RA
INTERNATIONAL SCIENTIFIC
EDUCATIONAL CENTER



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Online-Onsite Hybrid Conference

Innovative Postgraduate Education in The Field of Environment Protection: Methods and Tools

05 – 07 October, 2022

National Academy of Sciences of the Republic of Armenia
Address: 24, Marshall Baghramian Ave. 0019 Yerevan

**The working language is Armenian with synchronous translation into English*

| Day 1 - 05 October 2022 (Wednesday) - Conference Hall of the Presidium of NAS RA | | |
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| 09:00 –09-30 AM | Registration | |
| 09:30-10:20AM | Opening Address Moderator: L. Sahakyan | <p>National authorities</p> <p>Host organizations CENS and ISEC Dr. Lilit Sahakyan Center for Ecological -Noosphere Studies NAS RA, CENS</p> <p>D.Sc. Chem, Ashot Saghyan The President of the National Academy of Sciences of Armenia</p> <p>D.Sci. of Biol., Rouben Aroutiounian, Academician- Secretary of Division of Natural Sciences</p> <p>Prof. Nicolò Merendino MENVIPRO Project Coordinator</p> <p>Dr. Armen Sargsyan International Scientific Educational Center of NAS RA, ISEC</p> <p>National Erasmus+ Office Armenia Dr. Lana Karlova</p> |
| Plenary Session 1: MAPPING CURRENT DEMAND FOR THE RISE OF INNOVATIVE POSTGRADUATE EDUCATION IN ARMENIA IN THE FIELD OF ENVIRONMENT PROTECTION | | <p>Moderators: Dr. Sh. Asmaryan Prof. Nicolò Merendino</p> |
| 10:20 AM – 10:35 AM | Theme 1- MENVIPRO project general overview (Keynote address) | <p>Dr. Lilit Sahakyan Center for Ecological -Noosphere Studies NAS RA</p> |

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| 10:35 AM – 10:50 AM | Theme 2- Brief introduction of project partners | Project partners: Menvipro consortium |
| 10: 50 AM – 11:05 AM | Theme 3 -ERLEP laboratory: a multidisciplinary research space | Dr. Gevorg Tepanosyan Center for Ecological -Noosphere Studies NAS RA |
| 11:05 AM – 11:15 AM | Q&A | |
| 11:15 – 11:40 PM | Coffee Break | |
| 11:40 AM – 12:00 PM | Theme 4 Innovative postgraduate education in the field of environment protection (Keynote address) | Andrey Girenko Giraf PM Services GmbH |
| 12:00 PM – 12:20 PM | Theme 5- SWOT analysis of MENVIPRO project implementation and management in Armenia | Arusyak Harutyunyan International Scientific - Educational Center of NAS RA |
| 12:20 PM – 12:40 PM | Theme 6- SWOT analysis of MENVIPRO project implementation and management in Georgia | Kakhaber Tavzarashvili University of Georgia |
| 12:40 PM-1:00 PM | Theme 7- SWOT analysis of MENVIPRO project curriculum evaluation | Dr. David Pipoyan Center for Ecological -Noosphere Studies NAS RA |
| 1:00 PM – 1:20 PM | Theme 8 - SWOT analysis of MENVIPRO project curriculum evaluation | David Chkheidze Ilia State University |
| 1:20 PM –1:40 PM | Q&A | |
| 1:40 PM – 2:40 PM | Lunch | |
| Plenary Session 2: MEETING LABOUR MARKET NEEDS IN THE CONTEXT OF ENVIRONMENTAL POSTGRADUATE EDUCATION | | Moderator: Dr. D. Pipoyan |
| 2:40 PM – 2:55 PM | Theme 1 - ABIONET (Armenian Network of Excellence in Bio-Products Science and Technology project): knowledge and experience sharing | Dr. G.Marmaryan Coordinator of ABIONET project |
| 2:55 PM – 3:10 PM | Theme 2 - Republican veterinary and phytosanitary laboratory services center SNCO, food safety inspection body of the government of RA | A.Gevorgyan Director of "RVSPCL" SNCO SSFS MA RA |
| 3:10 PM – 3:25 PM | Theme 3 -Hydrometeorology and monitoring center SNCO of ME, RA | G. Shahnazaryan Deputy Director at Hydrometeorology and Monitoring Center SNCO |
| 3:25 PM – 3:40 PM | Theme 4 - Cadaster Committee of RA | Dr. V. Muradyan Head of the Geomatics Center |
| 3:40 PM – 3:55 PM | Theme 5- Yerevan municipality | G. Avetisyan Chief specialist of the department of nature protection of staff of yerevan municipality |
| 3:55 PM – 4:10 PM | Theme 6- Armenian Nuclear Power Plant | Dr. K. Pyuskyulyan Deputy Head of the Radiological Protection Department of the ANPP and Senior Researcher of CENS Radioecology Department |
| 4:10 – 4:20 PM | Q&A | |
| 4:20 – 5:20 PM | Networking: Coffee break | |

Day 2 – 06 October 2022 (Thursday) - Conference Hall of the Presidium of NAS RA

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| 9:30 – 10:00 AM | Registration |
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| Plenary Session 3: CURRICULUM MODERNIZATION AND IMPERATIVES FOR RELEVANCE: NEW DEVELOPED COURSES | | Moderator: Dr. G. Tepanosyan |
| 10:00AM – 10:15AM | Overview and revision of “ <i>Environmental protection and Nature Management</i> ” department curricula | Gayane Melkonyan International Scientific - Educational Center of NAS RA, CENS |
| 10:15AM– 10:25AM | MENVIPRO project implementation perspectives in the context of student learning outcomes | G.Ayvazyan S.Hovhannisyan “Environmental protection and Nature Management” department |
| 10:25AM– 10:35AM | Theme 1 -Environmental Radiation Protection | Dr. Olga Belyaeva Center for Ecological -Noosphere Studies NAS RA |
| 10:35AM– 10:45AM | Theme 1.1 - Environmental Radioactivity Monitoring for Protection of the Public | Dr. Fernando Carvalho Technical University of Lisbon |
| 10:45AM -11:10 AM | Theme 2 – Environmental statistics | Dr. Gevorg Tepanosyan Center for Ecological -Noosphere Studies NAS RA |
| | Theme 3 – Soil Quality monitoring | |
| 11:10 AM – 11:30 AM | Theme 3.1 - Soil Spectroscopy | Dr. Sara Di Lonardo National Research Council of Italy (CNR) |
| 11:30AM - 11:40 AM | Q&A | |
| 11:40AM – 12:00 PM | Coffee Break | |
| 12:00 PM -12:10 PM | Theme 4 – Food safety risk assessment | Dr. Davit Pipoyan Center for Ecological -Noosphere Studies NAS RA |
| 12:10 PM – 12:20 PM | Theme 4.1 – Food Science and Nutrition: new prospective for human and environmental health | Prof. Nicolò Merendino Tuscia University |
| 12:20 PM – 12:40PM | Theme 5 – Food authentication by fingerprinting approaches | Silvia Portarena National Research Council of Italy (CNR) |
| 12:40PM – 1:00PM | Theme 6 - Current developments in remote sensing – from data to products and applications | Martin Luther University Halle-Wittenberg |
| 1:00PM – 1:10PM | Theme 6.1 - Applied remote sensing | Dr. Vahagn Muradyan Gavar state University |
| 1:10PM – 1:20PM | Q&A | |
| 1:20 PM – 2:20 PM | Lunch | |
| Plenary Session 4: CURRICULUM MODERNIZATION AND IMPERATIVES FOR RELEVANCE: MODERNIZED COURSES | | Moderator: Dr. Sh. Asmaryan |
| 2:30 PM – 2:40 PM | Theme 1 -Environmental geochemistry | Dr. Lilit Sahakyan Center for Ecological -Noosphere Studies NAS RA |
| 2:40 PM – 2:50 PM | Theme 2 - Environmental monitoring and measurement devices | Dr. Olga Belyaeva Center for Ecological -Noosphere Studies NAS RA |
| 2:50 PM – 3:10 PM | Theme 3 – Spatial data infrastructure and data management | Dr. Shushanik Asmaryan Center for Ecological -Noosphere Studies NAS RA |
| | Theme 4 -Landscape Planning | |

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| 3:10 PM –3:30 PM | Theme 4.1 - Quick Sentinel-2 optical indices assessment exploiting the Google Earth Engine platform | Dr. Marco Ciolfi National Research Council of Italy (CNR) |
| 3:30 PM – 3:50 PM | Theme 4.2 - The role of landscape planning and development in times of climate change | Martin Luther University Halle-Wittenberg |
| 3:50 PM – 4:10 PM | Modernized courses from Georgian curricula | Prof. Irakli Noselidze University of Georgia Dr. D.Chkhaidze Ilia State University |
| 4:10 PM – 4:20PM | Q&A | |
| 4:20 PM – 4:40 PM | Coffee break | |
| 4:40 PM – 4:50 PM | Theme 5 – Urban Ecology | Dr. Gayane Nersisyan International Scientific Educational Center of NAS RA, ISEC |
| 4:50 PM – 5:10 PM | Theme 5.1 - NBS in urban and extra-urban environments | Dr. Chiara Baldacchini Tuscia University |
| 5:10 PM – 5:20 PM | Theme 6 – Environmental toxicology | Dr. Meline Beglaryan Center for Ecological -Noosphere Studies NAS RA |
| 5:20PM -5:40 PM | Theme 7 – Geographic information system. Recent developments in geodata science | Dr. Vahagn Muradyan Gavar State University |
| 5:40PM – 6:00 PM | Modernized courses from Georgian curricula | Prof. Irakli Noselidze University of Georgia Dr. D.Chkhaidze Ilia State University |
| 06:00 PM | Closing ceremony | |
| 07:00 PM | SOCIAL EVENT | Participation fee: 30€ |

Day 3 – 07 October 2022 (Friday)

CONSORTIUM MEETING

| Time | Place |
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| 12:00 PM | Center for Ecological -Noosphere Studies NAS RA |