



RZESZOW UNIVERSITY
OF TECHNOLOGY



UNIVERZITA
PALACKÉHO
V OLMOUCI

- Visegrad Fund



Petro Mohyla Black Sea National University,
Mykolaiv, Ukraine



PROGRAMME

The International Spring
Environmental School

Visegrad and Ukraine Dialogues on Climate Change & Sustainable Development

March, 22–24, 2022

Mykolaiv, Ukraine

**Organizing the International Spring School
«Visegrad and Ukraine Dialogues on Climate Change & Sustainable
Development», March, 22–24, 2022. – Mykolaiv: PMBSNU:**

Chairperson:

Leonid Klymenko, Prof., DSc., Mykolaiv, Ukraine

Deputy Chairpersons:

Volodymyr Beglytsya, Prof., DSc., Mykolaiv, Ukraine

Olena Mitryasova, Prof., DSc., Mykolaiv, Ukraine

Organizational and scientific committee:

Piotr Koszelnik, Prof., PhD, DSc., Eng., Rzeszow, Poland

Małgorzata Kida, PhD, Eng, Assoc. Prof., Rzeszow, Poland

Ruslan Mariychuk, Assoc. Prof., DSc., CSc., Prešov, Slovakia

Lenka Bobuľská, Dr., Prešov, Slovakia

Pavel Nováček, Assoc. Prof., Olomouc, Czech Republic

Eva Chmielewská, Prof., DSc., Bratislava, Slovakia

Martina Zvaríková, PhD, Bratislava, Slovakia

Zoltán Juvancz, Prof., DSc., Budapest, Hungary

Victor Smyrnov, Assoc. Prof., Dr., Mykolaiv, Ukraine

Vadym Chvyr, PhD student, Mykolaiv, Ukraine (*secretary*)

Venue of the School: 54003, Ukraine, Mykolaiv, st. 68 Desantnykiv, 10,
The Academic Council hall

Format of the Forum is hybrid (offline & online, ZOOM platform)

School languages:

Ukrainian, English (translation will be provided for Ukrainian participants).



The project is co-financed by the Governments of Czechia, Hungary, Poland and Slovakia through Visegrad Grant from International Visegrad Fund. The mission of the fund is to advance ideas for sustainable regional cooperation in Central Europe.

Tuesday, March 22, 2022

WELCOME SPEECHES

11:00 - 11:30 EEST
10:00 - 10:30 CEST

LEONID KLYMENKO, Rector of Petro Mohyla Black Sea National University, Mykolaiv, Ukraine

OLENA MITRYASOVA, Coordinator of the Visegrad project, Professor of the Ecology Department, Petro Mohyla Black Sea National University, NGO "Open Environmental University", Mykolaiv, Ukraine

PIOTR KOSZELNIK, Rector of Rzeszow University of Technology, Rzeszow, Poland

EVA CHMIELEWSKÁ, Professor of the Environmental Ecology and Landscape Management Department, Comenius University, Bratislava, Slovakia, Bratislava, Slovakia

RUSLAN MARIYCHUK, Head of the Ecology Department, University of Presov, Presov, Slovakia

PAVEL NOVÁČEK, Head of the Development and Environmental Studies Department, Palacký University in Olomouc, Olomouc, Czech Republic

ZOLTÁN JUVANCZ, DSc., Professor of the Department of Environmental Engineering, Óbuda University, Budapest, Hungary

KEYNOTES

Moderators: Olena Mitryasova (Mykolaiv, Ukraine)
Ruslan Mariychuk (Presov, Slovakia)

11:30 - 13:00 EEST
10:30 - 12:00 CEST

MAIN COMPONENTS SUPPORTING THE SUSTAINABLE DEVELOPMENT OF THE PLANET

OLENA MITRYSOVA, Coordinator of the Visegrad project, DSc., Professor of the Ecology Department, Petro Mohyla Black Sea National University, NGO "Open Environmental University", Ukraine

INLAND WATERS: TYPES, THREATS, CHALLENGES

PIOTR KOSZELNIK, DSc., Professor, Rector of Rzeszow University of Technology, Rzeszow, Poland

MALGORZATA KIDA, PhD, Eng., Department of Chemistry and Environmental Engineering, Rzeszow University of Technology, Poland

	<p><i>HISTORY OF WATER SUPPLY AND SANITATION</i></p> <p>EVA CHMIELEWSKÁ, Professor of the Environmental Ecology and Landscape Management Department, Comenius University, Bratislava, Slovakia, Bratislava, Slovakia</p>
<p>13:00 - 14:00 EEST 12:00 - 13:00 CEST</p>	<p>Lunch Break</p>
	<p><i>GREEN CHEMISTRY: PRINCIPLES, METRICS, EXAMPLES TO ACHIEVE THE SUSTAINABLE DEVELOPMENT GOALS</i></p> <p>RUSLAN MARIYCHUK, Dr., Assoc.Prof., Head of the Ecology Department, University of Presov, Slovakia</p>
<p>14:00 - 15:30 EEST 13:30 - 14:30 CEST</p>	<p><i>THE IMPACT OF CLIMATE CHANGE ON THE STATE OF WATER RESOURCES OF THE MYKOLAIV REGION</i></p> <p>RUSLAN TUZ, Head of the Basin Association and Technogenic and Environmental Safety Department, Regional office of water resources in the Mykolaiv area, Ukraine</p>
	<p><i>GLOBAL TRENDS IN WATER ENVIRONMENTAL MANAGEMENT</i></p> <p>CHAD STADDON, Professor of Resource Economics & Policy Director, International Water Security Network, University of the West of England, United Kingdom</p>
<p>15:30 - 16:00 EEST 14:30 - 15:00 CEST</p>	<p>Coffee Break</p>
<p>16:00 - 16:30 EEST 15:00 - 15:30 CEST</p>	<p><i>THE WATER ELEMENT IN THE WORKS OF TAVRIA MASTERS : exhibition – presentation</i></p> <p>LUBOV PARANYUK, Artist, Kutsurub School of Arts, Ochakiv, Ukraine</p>
<p>16:30 - 17:00 EEST 15:30 - 16:00 CEST</p>	<p>ROUND TABLE</p>

Wednesday, March 23, 2022

KEYNOTES

Moderators: Olena Mitryasova (Mykolaiv, Ukraine)

Pavel Nováček (Olomouc, Czech Republic)

	<p><i>CLIMATE CHANGE AND FLUCTUATIONS AT THE GLOBAL AND REGIONAL LEVEL: SCENARIOS AND THEIR CONSEQUENCES</i></p> <p>ROMAN MURMYLO, Deputy Head of the Meteorology Department, Mykolaiv Regional Centre for Hydrometeorology, Mykolaiv, Ukraine</p>
<p>11:00 - 12:30 EEST 10:00 - 11:30 CEST</p>	<p><i>ENVIRONMENTAL ETHICS AND ECONOMICS AS KEY INSTRUMENTS FOR SUSTAINABLE DEVELOPMENT</i></p> <p>PAVEL NOVÁČEK, Head of the Department of Development and Environmental Studies, Palacký University in Olomouc, Czech Republic, Czech Republic</p> <p><i>THE ROLE OF THE ENVIRONMENTAL ETHIC IN THE EDUCATION OF ENVIRONMENTAL ENGINEERS</i></p> <p>ZOLTÁN JUVANCZ, DSc., Professor of the Department of Environmental Engineering, Óbuda University, Budapest, Hungary</p>
<p>12:30 - 13:00 EEST 11:30 - 12:00 CEST</p>	<p>Coffee Break</p>
<p>13:00 - 14:00 EEST 12:00 - 13:00 CEST</p>	<p><i>SUSTAINABLE DEVELOPMENT OF TERRITORIES: URBAN ADAPTATION IN MYKOLAIV REGION; THE WAYS OF ADAPTATION TO CLIMATE CHANGE</i></p> <p>DMYTRO MATS, Deputy Head of the Mykolaiv Regional State Department of Ecology and Natural Resources, Mykolaiv, Ukraine</p> <p>EVHENIYA ZHARIKOVA, Leading specialist of the Mykolaiv Regional State Department of Ecology and Natural Resources, Mykolaiv, Ukraine</p> <p><i>SUSTAINABLE LAND MANAGEMENT</i></p> <p>LENKA BOBULSKÁ, Dr., the Ecology Department, University of Presov, Slovakia</p>
<p>14:00 - 15:00 EEST 13:00 - 14:00 CEST</p>	<p>Lunch Break</p>
<p>15:00 - 16:00 EEST 14:00 - 15:00 CEST</p>	<p><i>ENVIRONMENTAL MANAGEMENT SYSTEM OF THE «OCEAN SHIPYARD INDUSTRIAL ENTERPRISE LIMITED LIABILITY COMPANY»</i></p> <p>VICTOR SMYRNOV, Dr., Assoc.Prof., the Ecology Department, Petro Mohyla Black Sea National University, Ukraine</p>

	<p><i>ECOLOGIST: BASIC COMPETENCIES; POSITIONS IN THE LABOR MARKET; DEMAND PROSPECTS</i></p> <p>VLADISLAV ANTYPPOV, General Director of the Center of Environment and Development of New Technologies (CERN), Kyiv, Ukraine</p>
<p>16:00 - 16:30 EEST 15:00 - 15:30 CEST</p>	Coffee Break
<p>16:30 - 17:00 EEST 15:30 - 16:00 CEST</p>	ROUND TABLE

Thursday, March 24, 2022

OFFSITE SESSION

<p>11:00 - 14:00 EEST 10:00 - 13:00 CEST</p>	<p><i>MODERN METHODS OF ENVIRONMENTAL OBJECTS RESEARCH AS A TOOL FOR ACHIEVING SUSTAINABLE DEVELOPMENT GOALS</i></p> <p>Offsite Session Host – VOLODYMYR IVANENKO, Expert, Independent Research Expert Center, Mykolaiv, Ukraine</p>
<p>14:00 - 15:00 EEST 13:00 - 14:00 CEST</p>	Lunch Break
<p>15:00 - 15:30 EEST 14:00 - 14:30 CEST</p>	SPRING ENVIRONMENTAL SCHOOL CLOSING

