



United Nations
Educational, Scientific and
Cultural Organization



UNESCO Chair on the Theory and Technology of
Environmental Safety in Water Resources Control
Novosibirsk, Russia

**NOVOSIBIRSK STATE UNIVERSITY OF ARCHITECTURE
AND CIVIL ENGINEERING (SIBSTRIN)**

**April 20, 2022,
2:00 p.m. (Novosibirsk time, GMT +07:00),**

CONFERENCE SECTION «ENVIRONMENTALLY FRIENDLY TECHNOLOGIES OF URBANIZED TERRITORIES»

The conference working language: English

Zoom meeting link:

<https://us06web.zoom.us/j/86402583014?pwd=aTFPOUtZUWx5ZGNWd1%2%80%A6>

Conference Identification: 864 0258 3014

Code: 260520

Moderator - **Natalia V. SINEEVA**, Ph.D. Tech.Sciences, Associate Professor, Director of the Institute of International Affairs.

Secretary - **Inna M. MAKARIKHINA**, Ph. D., Chief of the Linguistic Department of the Institute of International Affairs.

<p>2:00 p.m.</p> <p>2:00- 2:30 p.m.</p> <p>(3-4 min)</p>	<p>Keynote speakers:</p> <p>Yurii L. SKOLUBOVICH, Dr. Tech. Sciences, Professor, Corr. RAACS, Head of the IHP UNESCO Chair "The Theory and Technology of Environmental Safety in Water Resources Control", Rector of NSUACE (Sibstrin).</p> <p>Vladimir K. EGOROV, Chairman of the Coordinating Committee of the UNESCO Chairs in the Russian Federation, Russia.</p> <p>Vera V. GALISHNIKOVA, Doctor of Tech.Sciences, Professor, Vice-Rector for International and Regional Cooperation, Additional Professional Education of the National Research Moscow State University of Civil Engineering, Russia.</p> <p>Vinodini Ramesh MANEESHA, Doctor, Dean of School for Sustainable Development, Head of UNESCO Chair on Experiential Learning for Sustainable Innovation & Development Maneesha Vinodini Ramesh (Amrita Vishwa Vidyapeetham (Deemed University), India)</p>
	<p>Reports:</p>
<p>2:30-2:50</p>	<p>Natalia V. SINEEVA, Ph.D. Tech. Sciences, Director of the Institute of International Affairs, Deputy Head of the IHP UNESCO Chair "The Theory and Technology of Environmental Safety in Water Resources Control"</p>

	(NSUACE (Sibstrin), Novosibirsk) ENVIRONMENTALLY FRIENDLY TECHNOLOGIES OF WATER GREEN NETWORK IN THE CITY OF NOVOSIBIRSK
2:50-3:05	Marko IVETIĆ , Doctor of Tech. Sciences, Professor of the UNESCO Chair Water 4ESD, Hydraulics and Environmental Engineering (University of Belgrade, Serbia) DEALING WITH COMPLEXITY OF WATER RESOURCES MANAGEMENT SYSTEMS
3:05-3:20	Jingyi MU , Scientific Researcher (Harbin Institute of Technology, School of Architecture, China) THE CONSTRUCTION PATH OF SERVICE FACILITIES AND SPACE ENVIRONMENT IN CHINA'S AGE-FRIENDLY COMMUNITY FROM THE PERSPECTIVE OF INTERGENERATIONAL DIFFERENCES
3:20-3:35	Nina V. DANILINA , doctor of Tech. Sciences, Head of the Urban Planning Department (MGSU, Russia) ADAPTATION OF MODERN CITIES TO CLIMATE CHANGE: URBAN GREEN NETWORKS
3:35-4:15	Valery S. PETROSYAN , doctor of Chem. Sciences, Professor, Honored Worker of the Higher School in Russia, UN Expert on chemical safety (Lomonosov Moscow State University, Russia) NEW MANAGEMENT SYSTEM OF MUNICIPAL SOLID WASTE IN THE RUSSIAN FEDERATION
4:15-4:45	BREAK - 30 minutes
4:45-5:00	Selim DOGAN , Academic, Associate Professor (Konya Technical University, Turkey) GLOBAL TREND OF CEMENT PRODUCTION AND USAGE
5:00-5:15	Dzmitry SAFONCHYK , Ph.D. Tech. Sciences, Tatsiana BULAI , Associate Professor (Yanka Kupala State University of Grodno, Republic of Belarus) RESEARCH OF THE PHYSICAL AND MECHANICAL CHARACTERISTICS OF BUILDING MATERIALS OBTAINED USING RECYCLED PLASTICS
5:15-5:30	Turatbek Mugalimovich KASYMOV , Ph.D. Tech. Sciences, Vice-Rector for Educational Affairs, Director of the Institute of Design, Architecture and Textile (International University of Innovation Technologies, Kyrgyz Republic) IMPROVING ENERGY SAVING AND RAISING ENERGY EFFICIENCY OF BUILDINGS AND INDIVIDUAL DWELLING HOUSE IN THE KYRGYZ REPUBLIC
5:30-5:45	Piotr ARLOUSKI , Roman TERESHCHENKO , Master Students of Technospheric Safety and Industrial Design Department (Belarusian-Russian University, Republic of Belarus) APPROACHES TO REDUCING THE RISK OF POLLUTION OF THE

	ENVIRONMENT BY INDUSTRIAL ENTERPRISES
5:45-6:00	Akbermet MATYEVA , Doctor of Tech. Sciences, Professor, Director of the Institute of Construction and Innovative Technologies Zhyldyz ASANALIEVA , Associate Professor (International University of Innovation Technologies, Kyrgyz Republic) ENERGY-EFFICIENT NON-AUTOCLAVE AERATED CONCRETE BASED ON LOCAL SILICA RAW MATERIALS FROM PRODUCTION WASTES
6:00-6:15	Rakhimboy Atajanovich RAKHIMOV , Doctor of Tech. Sciences, Professor (Urgench State University, Uzbekistan) OPERATION OF BUILDINGS AND STRUCTURES IN SALT AND HUMID REGIONS
6:15-6:30	Purev-Erdene ERSHUU , Doctor of Arch. Sciences, Member of the Union of Mongolian Architects (Mongolian University of Science and Technology, Mongolia) AFFORDABLE HOUSING AND REDEVELOPMENT OF GER AREA IN ULAANBAATAR CITY
6:30-6:45	Lu LIU , Ph. Doctor in Engineering (Harbin Institute of Technology, China) SLUDGE PYROLYSIS AND RECYCLING
6:45-7:00	Dmitry SPITSOV , Ph. Doctor Civil Engineering, Associate Professor, Alexei PERVOV , Doctor of Civil Engineering, Professor (National Research Moscow State University of Civil Engineering, Russia) APPLICATION OF REVERSE OSMOSIS TECHNIQUES TO PRODUCE DRINKING WATER FROM UNDERGROUND SOURCES
7:00-7:15	Anika CHEBAN , Postgraduate Student, Dmitry SPITSOV , Ph. Doctor Civil Engineering, Associate Professor (National Research Moscow State University of Civil Engineering, Russia) PRINCIPLES OF DESIGNING URBAN DRAINS FOR SUSTAINABLE URBAN DEVELOPMENT
7:15-7:30	Margaret E. GARMAKOVA , Postgraduate Student (NSUACE (Sibstrin), Russia) NUMERICAL MODELING OF HYDROPHYSICAL PROCESSES RESULTING IN DESTRUCTION OF UNDERWATER PIPELINES
7:30-7:45	Sayat NIYETBAY , Master Student of General Construction Faculty (International Educational Corporation, Kazakhstan) PLANT FOR ENSURING ZERO LIQUID DISCHARGES ACCORDING TO DEMINERALIZED WATER
7:45-8:00	Summarizing