

INTERNATIONAL RESEARCH-TO-PRACTICE CONFERENCE
CLIMATE SERVICES: SCIENCE AND EDUCATION

September 22-24, 2021
Odesa, Ukraine

Programme



Co-funded by the
Erasmus+ Programme
of the European Union



LOCATION AND CONFERENCE ADDRESS

The International Research-to-Practice Conference ‘Climate Services: Science and Education’ are held jointly in Odesa, Ukraine, from 22 – 24 September 2021. The congress is open to all interested in its themes and topics.

The conference takes place on the premises of Odessa State Environmental University.

Conference Centre

Odessa State Environmental University

15 Lvivska Str.

Odessa, 65016

Ukraine

www.odeku.edu.ua

Rules of Conduct

- Smoking is prohibited in the ETH buildings.
- It is prohibited to copy any presentation from the desktops in the lecture rooms.
- Please switch off any mobile phones during the sessions.
- Please note that video-graphic recordings are not allowed.

Official Languages

The official languages of the 10th EMS / 8th ECAC is English and Ukrainian. Simultaneous interpretation is not provided.

LOCAL TRANSPORTATION INFORMATION

Routs to the main building of Odessa State Environmental University:

- by mini-bus #185 (Lviv) to the stop ‘Odessa State Environmental University’;
- by tram # 18 to the stop ‘13th station of Big Fountain’;
- by trams # 26, 31 and mini-buses # 127, 150, 191, 221 to the stop “7th station of the Lustdorf road”.

To clarify your route, you can use the sites <https://www.048.ua/transport> and <https://2gis.ua/odessa> or mobile applications DoubleGIS, LLC and EasyWay Public Transport.

It is easy for you to get a ticket: Tickets may be purchased from the driver of mini-bus, tram or trolleybus. Ticket purchased are valid for one trip.

REGISTRATION & INFORMATION DESK

The registration & information desk is located near the main entrance.

Social Events

Monday, 22 September 2021

19:00 Conference Dinner

Thursday, 23 September 2021

17:00 Sightseeing tour in Odesa

Registration is obligatory for all of them at the registration desk.

Opening Hours

Wednesday – Thursday, 22 – 23 September 2021

08:00–16:00

Friday, 24 September 2021

08:00–10:00

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SPECIAL EVENTS.....	
A Round-Table Discussion ‘Bridging the Gap between Provision Climate Services and Needs of Climate-Dependent Sectors’ in the Framework of Erasmus+ Project 619285-EPP-1-2020-1-FI-EPPKA2-CBHE-JP - ClimEd.....	15
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A Round-Table Discussion ‘Establishment and Development of the Doctoral School under the auspices of Erasmus+ Project 586471-EPP-1-2017-EE-EPPKA2-CBHE-JP - INTENSE’.....	16
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SESSION PROGRAMME OVERVIEW

WEDNESDAY, 22 SEPTEMBER 2021			
	Room 213, Building #2		
09:45 – 11:30	PLENARY SESSION		
11:30 – 12:00	Coffee Break		
12:00 – 13:30	PLENARY SESSION		
13:30 – 14:30	Lunch Break		
14:30 – 16:00	PLENARY SESSION		
19:00	Conference Dinner		
THURSDAY, 23 SEPTEMBER 2021			
	Room 205, Building #2	Room 302, Building #1	Room 312, Building #1
9:00 – 10:30	Education in Climate Services	Climate Risks and Adaptation to Climate Change on Regional and Local Levels	Issues of Climate Services in Climate-Sensitive Economic Sectors
10:30 – 11:00	Coffee Break		
11:00 – 12:00	Education in Climate Services	Climate Risks and Adaptation to Climate Change on Regional and Local Levels	Issues of Climate Services in Climate-Sensitive Economic Sectors
11:00 – 12:30			
11:00 – 12:30			
12:30 – 13:30	Lunch Break		
13:30 – 16:00	POSTER SESSION		
16:00 – 16:30	Coffee Break		
17:00	Sightseeing tour in Odesa		
FRIDAY, 24 SEPTEMBER 2021			
	Room 205, Building #2		
9:00 – 10:30	A Round-Table Discussion ‘Bridging the Gap between Provision Climate Services and Needs of Climate-Dependent Sectors’		
10:30 – 11:00	Coffee Break		
11:00 – 12:00	A Round-Table Discussion ‘Bridging the Gap between Provision Climate Services and Needs of Climate-Dependent Sectors’		
12:00 – 13:30	The Summer School Dissemination Workshop in Odesa		
13:30 – 14:30	Lunch Break		
14:30 – 16:00	A Round-Table Discussion ‘Establishment and Development of the Doctoral School’		
16:00 – 16:30	Coffee Break		
16:30 – 17:30	A Round-Table Discussion ‘Establishment and Development of the Doctoral School’		

INTERNATIONAL ORGANISING COMMITTEE

Enric Aguilar	Rovira i Virgili University, Spain
Hanna Lappalainen	University of Helsinki, Finland
Svyatoslav Tyuryakov	University of Helsinki, Finland
Iryna Bashmakova	University of Helsinki, Finland
Alexander Baklanov	Science and Innovation Department of World Meteorological Organization, Switzerland, affiliated professor at University of Copenhagen
Patrick Parrish, retired	World Meteorological Organization Education and Training Office, Switzerland
Marina Baldi	WMO Regional Training Centre, Italy
Eduard Podgaiskii	WMO-CGMS Virtual Laboratory for Training and Education in Satellite Meteorology
Anna Timofeeva	WMO Executive Council Capacity Development Panel
Valentina Khan	North EurAsia Climate Centre
Kalev Sepp	Estonian Life Science University, Estonia
Anton Shkaruba	Estonian Life Science University, Estonia
Svitlana Krakovska	Ukrainian Hydrometeorological Institute, Ukraine
Mykola Kulbida	Ukrainian Hydrometeorological Center, Ukraine
Sergiy Snizhko	Taras Shevchenko National University of Kyiv, Ukraine
Sergiy Stepanenko	Odessa State Environmental University, Ukraine

LOCAL ORGANISING COMMITTEE AT OSENU

Sergiy Stepanenko	Chair, Rector, Professor
Valerii Khokhlov	Vice-Chair, Vice-Rector for Studies and Methodology, Professor
Valeriya Ovcharuk	Vice-Chair, Director of Hydrometeorological Institute, Professor
Inna Khomenko	Secretary, Associate Professor of Department of Meteorology and Climatology
Mykola Berlinskyi	Head of Department of Oceanography and Marine Nature Management, Professor
Mariia Krachkovska	Vice-Rector for Administrative Activity
Nataliia Loboda	Head of Department of Hydroecology and Water Research, Professor
Maryna Pohorelova	Senior Lecturer of Department of Land Hydrology
Anatolii Polovyi	Head of Department of Agrometeorology and Agroecology, Professor
Oleh Prokofiev	Head of Department of Meteorology and Climatology, Associate Professor
Yurii Tuchkovenko	Vice-Rector for Research, Professor
Oleg Shabliy	Head of Foreign Relations Department
Zhannetta Shakirzanova	Head of Department of Land Hydrology, Professor

**WEDNESDAY
22 SEPTEMBER 2021**

PLENARY SESSION

Room 213

Chairpersons: *Sergiy Stepanenko*, Odessa State Environmental University
Alexander Baklanov, World Meteorological Organisation

9:45-10:00 **Conference Welcome**
Sergiy Stepanenko

10:00-10:30 **Integrated Urban Climate, Weather and Environmental Services**
online *Alexander Baklanov*

10:30-11:00 **The World Meteorological Organization climate services information system: Advances, challenges and opportunities**
online *Wilfran Moufouma-Okia, Anahit Hovsepyan*

11:00-11:30 **On the development of the Concept for the creation of a National Framework for Climate Services in Ukraine**
Sergiy Stepanenko

11:30-12:00 **COFFEE BREAK**

12:00-12:30 **Pan-Eurasian Experiment (PEEX) Program: Current Approach and Collaboration**
online *Hanna K. Lappalainen, Alexander Mahura, Svyatoslav Tyuryakov, Irina Bashmakova*

12:30-13:00 **Climate Services and Vulnerability of Water Resources**
Hans-Peter Nachtnebel, Mathew Herrnegger

12:30-13:00 **Natural Focal Diseases of the Arctic Region of Russia**
online *Svetlana Malkhazova, Varvara Mironova, Irina Bashmakova*

13:00-13:30 **Variations of Atmospheric Circulation and Geomagnetic Field in the North Hemisphere**
online *Vazira Martazinova, Galyna Melnyk*

13:30-14:30 **LUNCH BREAK**

14:30-15:00 **The Impact of Climate Change on the Conditions of Growing Vegetable Crops in the Steppe Zone of Ukraine**
Anatolii Polevoy, Liudmila Bozko, Olena Barsukova

15:00-15:30 **Assessment of Climate Change Impact on Parameters of Freshwater Balance in Lagoons of North-Western Black Sea Coast**
Valeriy Khokhlov, Yurii Tuchkovenko, Nataliia Loboda

15:30-16:00 **EUMETSAT's Prototype Data Cube for Drought and Vegetation Monitoring**
online *Christine Traeger-Chatterjee, Daniel Lee, Mike Grant*

ORAL PRESENTATION

Issues of Climate Services in Climate-Sensitive Economic Sectors

Thursday, 23 September 2021

Lecture room: 312, Building #1

9:00–10:30

Chairperson: Valerii Khokhlov

9:00–9:15

Composting of Organic Waste - an Effective Method of Their Disposal and a Prospective Factor of Slowing Climate Change (on the Example of Lviv)

Tymchuk, I., M. Malovanyy, V. Zhuk, V. Sliusar, U. Storoshchuk, O. Liuta
Lviv Polytechnic National University
Lviv, Ukraine

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9:15–9:30

Climate Services in the Republic of Belarus

Sumak, K.

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Control of Radioactive Contamination and
Environmental Monitoring
Minsk, Belarus

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9:30–9:45

Actual Indicators of Changes in Climatic Conditions in the Agricultural Sector

Pasechko-Dietrich, V., O. Smorochinsky,
V. Kushnerenko, A. Dubinsky
Kherson State Agrarian and Economic
University

Kherson, Ukraine

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9:45–10:00

Visual Decoding of Eroded Soils to the Sentinel Images

Achasov, A., A. Achasova

V.N. Karazin Kharkiv National University
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10:00–10:15

Dispersal and Development of Beet Webworm *Loxostege Sticticalis* (L.) in Different Region of Ukraine

Hornovska, S.V., V.P. Fedorenko,
Y.V. Fedoruk

Bila Tserkva National Agrarian University
Bila Tserkva, Ukraine

gornovskayasvetlana@ukr.net

10:15–10:30

Climate Service Problems. Food Security with WOFOST Model

Kryvoshein, O., O. Kryvobok

Ukrainian Hydrometeorological Institute
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10:30–11:00 COFFEE BREAK

Thursday, 23 September 2021

Lecture room: 312, Building #1

11:00–12:30

Chairperson: Valerii Khokhlov

11:00–11:15

Ground-Based Lightning Detection System as a Tool for Estimation of Extreme Weather Events in Ukraine

Kryvobok, O., M. Koman, O. Kryvoshein,
O. Zabolotna

Ukrainian Hydrometeorological Institute
Kyiv, Ukraine

kryvobok@uhmi.org.ua

11:15–11:30: **online**

Climate Services and Agriculture: Understanding the Demand Side. Smallholders Perceptions in Odemira, Portugal

Schwemmlin, K.

Instituto de Ciências Sociais
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kaya.ms@hotmail.com

11:15–11:30: online

Measures to Mitigate Climate Change from Civil Aviation Impact

Synylo, K.

National Aviation University

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11:30–11:45: online

Rainfall and Temperature Variability and Prevalence of Malaria in Damaturu, Nigeria

Aweda, E.D., M. Abdullahi

WMO Regional Training Center, Nigerian Meteorological Agency

Nigeria

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11:45–12:00: online

Estimation of NO₂ and SO₂ Increase during the Heating Season in Ukraine Using TROPOMI Data

Savenets, M.

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savenetsm@gmail.com

12:00–12:15

An Experimental Study on Draw Solution Performance in Fertilizer Drawn forward Osmosis under Water Energy Food Nexus Framework in Egypt

Amin, G., P. Nasr, H. Sewilam

The American University in Cairo

Cairo, Egypt

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12:15–12:30

Increasing the Production and Use of Biogas Using Hydrobionts as Raw Materials – an Effective Way to Reduce Climate Dynamics

Zhuk V., M. Malovanyy, I. Tymchuk, O.

Popovych, N. Vronska

Lviv Polytechnic National University

Lviv, Ukraine

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END OF ORAL PROGRAMME ISSUES OF CLIMATE SERVICES IN CLIMATE-SENSITIVE ECONOMIC SECTORS

Education in Climate Services

Thursday, 23 September 2021

Lecture room: 205, Building #2

9:00–10:30

Chairperson: Valeriya Ovcharuk

9:00–9:15: online

"Co-Creation of Climate Services with Local Agents" Course: Adapting WMO Climate Service Competencies in the Frame of Bachelor Degree on Geography of Rovira i Virgili University

Boqué-Ciurana, A., A. Font-Barnet,
J. X. Olano Pozo

Universitat Rovira i Virgili

Tarragona, Spain

anna.boque@urv.cat

9:15–9:30

Online Approaches for Climate-Oriented Education

Mahura, A., V. Ovcharuk, T. Kryvomaz,
H. Lappalainen, K. Lauri, I. Khomenko,
O. Shabliy, V. Kabin, M. Frankowicz,
Yu. Rashkevych, L. Riuttanen,
S. Tyuryakov, I. Bashmakova

University of Helsinki, Institute for Atmospheric and Earth System Research Helsinki, Finland

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9:30–9:45

The Educational Content for the Learning Environment in Economic, Meteorological and Agricultural Sciences

Nezhlukchenko, T., V. Kushnerenko,
N. Nezhlukchenko

Nikolaev National Agrarian University

Mykolaiv, Ukraine

nataly12154@gmail.com

9:45–10:00

Training Course for Experts in Climatology and Meteorology "Introduction to Climate Change"

Agayar, E., N. Mishchenko,
I. Semenova, A. Semerhei-Chumachenko

Odesa State Environmental University

Odesa, Ukraine

agavarellina@gmail.com

10:00–10:15

You Will Help Water – You Will Cause Trouble and Then the Ecology of the Earth Will Rise Again

Vonitova, N.D.

Department of Education of Sykhiv and Lychakiv districts of the Department of Humanitarian Policy of the Lviv City Council

Lviv, Ukraine

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10:15–10:30

Ecological Security and Sustainable Development as One of the Platforms of National Revival in the Modern Education Space

Hrytsiv, T.H.

Rosokhatska General Education School I-III stages

Ternopil Region, Ukraine

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10:30–11:00 COFFEE BREAK

Thursday, 23 September 2021

Lecture room: 205, Building #2

11:00–12:00

Chairperson: Valeriya Ovcharuk

11:00–11:15: online

Inter-Faculty Course «Weather and Climate: Global Warming» as a Part of Basic Education for Climate Services

Maksymenko, N., K. Utkina, G. Titenko

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maksymenko@karazin.ua

11:15–11:30

Erasmus+ Project “Integrated Doctoral Program for Environmental Policy, Management and Technology – Intense”:
Karazin University Team Courses

Utkina, K., G. Titenko, N. Maksymenko, A. Nekos, A. Achasov, A. Kucher, I. Bodak, O. Chernikova

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Kharkiv, Ukraine

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11:30–11:45

MOOC “Precautionary Principle and Sustainability Transition”: Up-Dated Structure and Content

Utkina, K.

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11:45–12:00: online

Internship of Erasmus+ “Intense” for Evaluation of Green Infrastructure and Ecosystem Services of Foresty Landscapes in Lviv

Burchenko, S.V., V.O. Voronin, N.V. Maksymenko, I.M. Shpakivska

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**END OF ORAL PROGRAMME EDUCATION
IN CLIMATE SERVICES**

**Climate Risks and Adaptation to
Climate Change on Regional and Local
Levels**

Thursday, 23 September 2021

Lecture room: 302, Building #1

9:00–10:30

Chairperson: Anatolii Polovyi

9:00–9:15

Productivity Features of Romanov Sheep in Kherson Region Conditions

Danyliv, I., S. Mamedov

Kherson State Agrarian and Economic University
Kherson, Ukraine

papakinans@ukr.net

9:15–9:30

The Impact of Climatic Changes on the Water Regime of the Siverskiy Donets' Basin

Dmitriiev, S., S. Reshetchenko

V.N. Karazin Kharkiv National University
Kharkiv, Ukraine

sviatik1999mail.ru@gmail.com

9:30–9:45

Analysis of Precipitation and Their Extremeness according to Observation Data at Odessa Meteorological Station for the Period 1976-2019

Klok, S.V., A.O. Kornus, O.H. Kornus
Ukrainian Hydrometeorological Institute
Kyiv, Ukraine
sklok_8@ukr.net

9:45–10:00

Dependence of Wool Productivity of Sheep and Climate

Nezhlukchenko, T., N. Nezhlukchenko
Nikolaev National Agrarian University
Mykolaiv, Ukraine
nataly12154@gmail.com

10:00–10:15

Relationship between Air Pollution, Global Climate Change and Distribution of COVID-19

Voloshkina, O., T. Shabliy, T. Tkachenko, A. Goncharenko, O. Zhukova
Kyiv National University of Construction and Architecture
Kyiv, Ukraine
e.voloshki@gmail.com

10:15–10:30 online

Possibilities for Complex Storm Detection and Forecasting of Severe Convective Structures Based on Modeling and Satellite Data

Prakharenia, M.
Belarusian State University
Minsk, Belarus
maryprokharenva@gmail.com

10:30–11:00 COFFEE BREAK

Thursday, 23 September 2021

Lecture room: 302, Building #1

11:00–12:15

Chairperson: Anatolii Polovyi

11:00–11:15

Ecological Education and Environmental Safety Issues

Smalyukh, O.P.
Lviv Regional Centre for Hydrometeorology
Lviv, Ukraine
sinlviv@meteo.gov.ua

11:15–11:30

Scientific, Methodological and Educational Aspects of Climate Change of the Antarctic Peninsula Region

Timofeyev, V., O. Mazepa
Ukrainian Hydrometeorological Institute
Kyiv, Ukraine
tvvladys@gmail.com

11:30–11:45: online

The WMO Vegetation Fire and Smoke Pollution Warning Advisory and Assessment System (VFSP-WAS): Methodology, Current Capabilities and Possible Applications for Ukraine

Baklanov, A.
World Meteorological Organization
ABaklanov@wmo.int

11:45–12:00: online

Indexes of the Live Weight of Lambs of Different Types of Birth

Papakina, N., T. Oskirko
Kherson State Agrarian and Economic University
Kherson, Ukraine
papakinans@ukr.net

12:00–12:15 online

The Impact of Climate Change on the Productivity of Dairy Cattle

Papakina, N., A. Nosko
Kherson State Agrarian and Economic University
Kherson, Ukraine
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12:15–12:30

Probabilistic-Stochastic Modeling of the Spring Flood Maximum Runoff as a Part of the Climate Service in the Water Management of Ukraine

Ovcharuk, V.
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END OF ORAL PROGRAMME CLIMATE RISKS AND ADAPTATION TO CLIMATE CHANGE ON REGIONAL AND LOCAL LEVELS

POSTER PRESENTATIONS

Issues of Climate Services in Climate-Sensitive Economic Sectors

Thursday, 23 September 2021

Poster Area: Reading Room, Building #2

Attendance time: 13:30–16:00

Chairperson: Valerii Khokhlov

P1-1

Effective Purification of Landfill Filtrates in the Context of Pollution Minimization Provoked by Climate Change

Malovanyy, M., I. Tymchuk, V. Zhuk, R. Grechanik, A. Sereda, A. Marakhovska
Lviv Polytechnic National University
Lviv, Ukraine

myroslav.mal@gmail.com

P1-2

Climate Characteristics of the Heating Period in the Present Time and in the Future

Voloshyna, O.V.

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P1-3

Special Aspects of Studying the Environmental Factors During the Period of Grain Crops Overwintering under Climatic Changes

Dubovy, V.I., V.I. Vorobyov, O.V. Dubovy

Bila Tserkva National Agricultural University
Bila Tserkva, Ukraine

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P1-4

Regional Evaluation of Change in the Sum of Active Temperatures for Optimization of Agricultural Production

Maksymenko, N., T. Huzieieva

V.N. Karazin Kharkiv National University
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P1-5

Relevance of the Use of Climate Services in the Development of Horsemanry of Southern Ukraine

Sobol, O.M.

Kherson State Agrarian and Economic University
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sobolalex1986@gmail.com

P1-6

Assessment of Impact of Future Climate Change on the Land-Based Transportation of Ukraine Based on RCP Scenarios

Khomenko, I.

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P1-7

Research of the Expected Indexes of Winter Climate Discomfort in Ukraine

Katerusha O., H. Katerusha

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P1-8

Adaptation Measures to Climate Change in Water Resources Management

Goptsiy M., V. Ovcharuk, O. Prokofiev

Odessa State Environmental University
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P1-9

Scientifically Substantiated Recommendations of Water Management of Katlabukh Lake under Current and Future Climate Change

Shakirzanova, Zh.R., Ye.O. Romanova, Ju.S. Medvedieva

Odessa State Environmental University
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jannettodessa@gmail.com

P1-10

Cyclicity and Periodicity of Water Runoff of the Southern Buh River and the Possibility of its Forecasting by the α Method

Gorbachova, L.O., B.F. Khrystiuk, V. Prykhodkina
Ukrainian Hydrometeorological Institute
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gorbachova@uhmi.org.ua

P1-11

Thermodynamic Factors Responsible for Pre-Monsoon Thunderstorms over Lagos and Kano, Nigeria

Iheme P., A. Oluleye
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END OF POSTER PROGRAMME ISSUES OF
CLIMATE SERVICES INCLIMATE-
SENSITIVE ECONOMIC SECTORS

Education in Climate Services

Thursday, 23 September 2021

Poster Area: Reading Room, Building #2

Attendance time: 13:30–16:00

Chairperson: Valeriya Ovcharuk

P2-1

Ways of Implementing Non-Formal Climate Education for Young People

Dyman, N.
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P2-2

About the Possibility of Automated Monitoring of Environmental-Chemical Indices of Atmosphere Precipitation

Fedoniuk, V.V., O.T. Kosthiv, M.A. Fedoniuk
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P2-3

Medical Education in the Conditions of Distance Learning

Lakhtadyr, T.V., I.V. Dzevulska, R.F. Kaminskyi
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END OF POSTER PROGRAMME EDUCATION
IN CLIMATE SERVICES

Climate Risks and Adaptation to Climate Change on Regional and Local Levels

Thursday, 23 September 2021

Poster Area: Reading Room, Building #2

Attendance time: 13:30–16:00

Chairperson: Anatolii Polovyi

P3-1

Low Carbon Roadmap – the Case Study of Egypt

Amin, G.
Center for Applied Research on the Environment and Sustainability
School of Sciences and Engineering
The American University in Cairo
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P3-2

Climate Change and the Frequency of Squalls on the Territory of the North-Western Black Sea Region

Agayar, E.V., D.O. Zhuk
Odessa State Environmental University
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agavarellina@gmail.com

P3-3

Characteristics of Extreme Temperature and Precipitation in Ukraine Based on ETCCDI Indices

Bohushenko, A., S. Stepanenko, I. Khomenko
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Odessa, Ukraine
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P3-4

Displays of Changes of a Climate in Basins of the Western Bug and Pripyat Rivers

Budnik, S.V.

Boris Sreznevskiy Central Geophysical Observatory

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P3-5

Detection of the Climate Change Impact on the River Runoff of Spring Flood in Pivdenny Bug River Basin

Dokus, A.O., Zh.R. Shakirzanova

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Odesa, Ukraine

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P3-6

Using Ensemble of Regional Climate Models for Assessment of Future Climate in North-Western Coast of Black Sea

Khokhlov V., E. Serga, L. Nedostrelova

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P3-7

Air Temperature Regime in Odessa in Past and Present

Kuryshyna, V., O. Pavlov

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P3-8

Air Temperature Regime in Odessa in Future

Kuryshyna, V.

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P3-9

An Integrated Framework for Assessing Climate Risks to Population Sustainability: a Case Study in Ho Chi Minh City, Vietnam

Nguyen Thi, Minh Hoa, Phu Bao Nguyen,

Hong Nhat Pham, Tuan Anh Ha,

That Lang Ton

University of Labor and Social Affairs

Ho Chi Minh City, Vietnam

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P3-10

The Role of Satellite Monitoring for Climate Services

Semenova, I.

Odessa State Environmental University

Odesa, Ukraine

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P3-11

Temperature Regime as a Factor of Influence on the Territory

Reshetchenko, S., E. Boryskina

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P3-12

The Effect of Partial Deforestation on Surface Wind Speed

Pysarenko, L., S. Krakovska

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P3-13

Annual Distribution of the Oka River Flow in Kaluga under the Conditions of Climate Change

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**END OF POSTER PROGRAMME CLIMATE
RISKS AND ADAPTATION TO CLIMATE
CHANGE ON REGIONAL AND LOCAL
LEVELS**

FRIDAY
24 SEPTEMBER 2021

SPECIAL EVENTS

A Round-Table Discussion ‘Bridging the Gap between Provision Climate Services and Needs of Climate-Dependent Sectors’ in the Framework of Erasmus+ Project 619285-EPP-1-2020-1-FI-EPPKA2-CBHE-JP - ClimEd

Location: Room 205, Building #2

Time: 9:00–12:00

Moderator: Svyatoslav Tyuryakov

The introduction by organizers and self-presentations by participant. The discussion evolves along the following lines/questions:

- The varied understanding of the concept of climate services and consequences of this diversity
- Supply perspective:
 - Who are the providers of climate services and what is their main expertise?
 - Which types of climate services do they provide?
 - What are the approached sectors and who are the targeted customers/users?
 - Are the provided services mainly commercial or free of charge?
- Demand perspective:
 - In which economic sectors are climate services being used?
 - Who do climate service users turn to for their information and how do they establish links to providers?
 - What is the most important for users when choosing a supplier of climate services?
 - What are the benefits of using climate services?
 - Do climate service users aim to make their own services?
 - How can climate services be improved?
 - What are the barriers for (wider) using or reasons for not using the climate services?

The Summer School Dissemination Workshop in Odessa

Location: Room 205, Building #2

Time: 12:00–13:30

Convenors: Hans-Peter Nachtnebel, Viktor Kireyeu

12:00 – 12:10 Introduction by convenors

12:10 – 12:50 Short Presentations of the Participants of the Summer School

12:50 – 13:20 Panel Discussion

13:20 – 13:30 Conclusion remarks

FRIDAY
24 SEPTEMBER 2021

SPECIAL EVENTS

A Round-Table Discussion ‘Establishment and Development of the Doctoral School under the auspices of Erasmus+ Project 586471-EPP-1-2017-EE-EPPKA2-CBHE-JP - INTENSE’

Location: Room 205, Building #2

Time: 14:30–17:30

Moderators: Anatolii Polovyi, Anton Shkaruba

The purpose of the roundtable is to ensure project sustainability, and better use of project deliverables to benefit universities, students and staff. This would include the following aspects:

- Attractiveness of PhD studies – in general, and specifically the INTENSE PhD studies
- Visibility of partner universities as members of the INTENSE National Program, and OSENU as the lead institution of the first National Program in the field
- Specific benefits of the institutionalized cooperation at the national level as well as within the international INTENSE network, and how they can be maximized building on project deliverables
- The expansion of the INTENSE National School, how this should be formalized, what we shall offer to the new partners, and what are our expectations from them
- What INTENSE activities will be maintained and in what form; what is less important, and what new features are needed
- INTENSE e-learning – the best options for formats and partner involvement
- Options for virtual and physical mobility under the INTENSE – what is missing to work well
- Joint events – what and how
- Governance of INTENSE – whether it needs any changes to make it serve better the needs of the School.

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**Publication of Papers of the International Research-to-Practice Conference
'Climate Services: Science and Education' in *Ukrainian
Hydrometeorological Journal***

Deadline for submissions: 31 December 2021

Authors of contributions that have been submitted/accepted to one of the listed session topics are invited to submit conference papers to the Open Access Journal *Ukrainian Hydrometeorological Journal*.

- Issues of Climate Services in Climate-Sensitive Economic Sectors
- Education in Climate Services
- Climate Risks and Adaptation to Climate Change on Regional and Local Levels

The respective session convenors have kindly agreed to act as guest editors.

The manuscript submission will start shortly after the conference.

Papers will be published online after acceptance by the editor.

FOR NOTES
