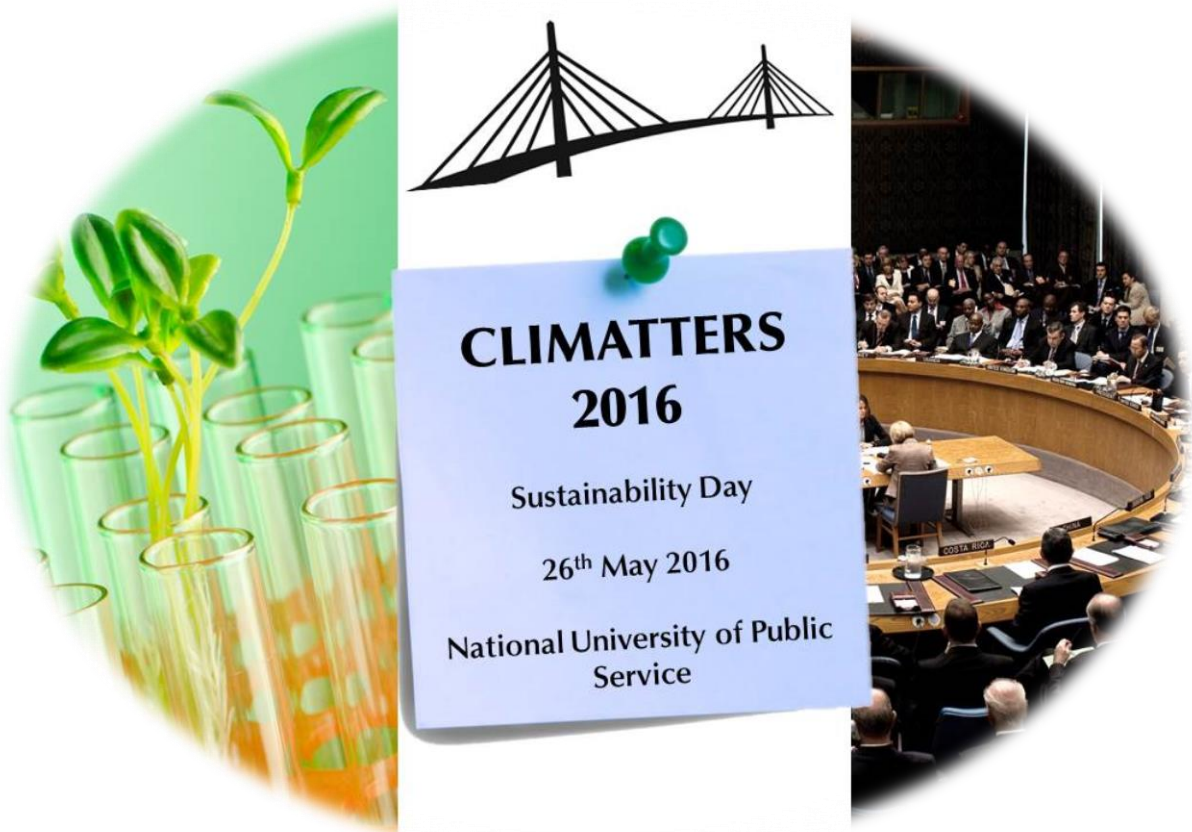


National University of Public Service

Sustainability Day
26th May 2016. (Thursday)

Ludovika campus – Budapest, Ludovika sqr. 2.



"Reflections on the Paris Agreement, the current state of climate science and policy plans, and next steps toward a more sustainable future"

The National University of Public Service is proud to host this national and international scientific conference focused on topics of climate change resilience and adaptation through the lens of natural and social sciences.

The conference will serve as a bridge to reflect on the outcomes of the Paris Agreement reached at COP21 in December 2015 and the forthcoming COP22 summit.

We cordially invite researchers, scientists and experts who have innovative and original scientific results, purposes, or solutions to share and discuss their thoughts regarding the social, environmental and economic issues in the topic anthropogenic change of climate.

For more information see the University's website or please contact the email address: setk@uni-nke.hu

Programme

25 May 2016 (Wednesday)

16:00 – 18:00 Reception: Exhibition opening ceremony combined with a wine and cheese tasting, receiving guests

26 May 2016 (Thursday)

- 9:00 – 9:20** Keynotes
Host's speech by **Prof. Dr. András Patyi**, rector of the NUPS (10')
Chair of the event's speech by **Dr. János Áder**, Hungarian President (10')
- 9:20 – 10:35** **Professional keynotes:**
Mark S. McCaffrey (Senior Consultant, Earth Child Institute) (20+5')
Ready or Not- Change is Here: Global Challenges and Local Logistics
Stefan Uhlenbrook (UN World Water Assessment Programme) (20+5')
János Pásztor (Senior Advisor to the UN Secretary General on Climate Change) (20+5')
- 10:35 – 10:50* *Coffee break*
- 10:50 – 11:10* János Zlinszky– Agenda 2030, SDG
- 11:10 – 11:30* Sándor Fülöp– Environmental Law aspects of the COP21
- 11:30 – 11:50* Gábor Baranyai– Climate change and international water governance: risks and opportunities
- 11:50 – 12:10* Zsolt Hetesi– Resilience and system thinking
- 12:10 – 13:00* *Lunch break*
- 13:00 – 15:00** **Section I**
Adaptive systems and controls
Environmental Security and Climate Security
Natural resources and global climate
Climate change and water scenarios (only in English)
- 15:00 – 15:20* *Coffee break*
- 15:20 – 17:20** **Section II**
Social systems, environmental rights and the global climate
Water governance, water management
Reducing emission, industry, economy
Reinventing Collapse: Avoiding Catastrophe(only in English)
- 11:00 – 18:00** **Events on Exhibit space**
Recycling products, Green Office, Eco pools
Fashion show – Hungarian eco design
Climate pools, action licit/auction: who and what undertakes for a more environment and social-consciousness life
- | | |
|--|---|
| Submission's deadline for abstracts | 29 Apr 2016 12:00 CET |
| Commission's session | 2 May 2016 |
| Notification about approving | Until 6 May 2016 |
| Finalize application | 16 May 2016 (transfer of registration fee or submission of paper) |
| Registration fee | 15.000 HUF (50 €) |
- Application deadline for exhibitors** **6 May 2016** (Limited spaces!)

Details of the sections

Resilient systems and emission savings(Chair: János Zlinszky –REC)

To survive, all societal systems must adapt to climate change. Resilience and endurance can be enhanced in all walks of life, including architecture, communities, agriculture, industry and food security, which are all important elements of the development of a climate resilient society. This section will focus on societal systems that aim to increase society resilient against the expectable consequences of climate change. In the field of economic, industrial processes, the question is not only whether a country commits every actions for decreasing their greenhouse gas emissions, but also how their social and ecosystems are managed to minimize climate impacts.

Some of the points we are going to focus on in this section include resilient community systems, adaptable civil engineering.

Environmental and climate security (Chair: László Földi- NUPS)

As a "threat multiplier," climate change has emerged as a definitive risk endangering the future of the mankind, with political and religious conflict becoming magnified by climate impacts, such as drought and extreme weather. Climate security, as part of environmental and societal security, provides an important lens to consider issues such as human migration and refugees, challenging us to develop effective answers for this complex and global challenge.

This section deals with the research of climate change as it relates to how it threatens our security and how these risks can be addressed through effective resource and public sector management, sustainable energy production, and eco-conscious waste management.

Natural resources and global climate(Chair: Tamás Németh- HAS)

Humans have become a force of nature and our activities degrade the fertility of soil, pollute air and water resources, and decrease the richness and diversity of natural ecosystems. Human induced climate change, caused primarily by the burning of fossil fuels, magnifies these effects. In order to avoid catastrophic collapse of the natural systems we rely on to provide society with food and fresh water, it is imperative to understand the role and function of the natural resources and the relationship between natural and human systems. This section will emphasize the interface of these systems and explore ways can we develop resilient use of natural resources, such as climate-smart agriculture.

Climate change energy and water scenarios (ENG) (Chair: Zsolt Hetesi- NUPS)

The energy sector, which spans all aspects of society including industry, agriculture and transport, is the main driver of anthropogenic climate change. In addition to adaptive, low-carbon and renewable-based energy, society requires a resilient fresh water supply, which is now being impacted by changing climate. This section will host issues relating to the energy,-water-climate nexus such as new, adaptable electric energy production, alternative and effective transport facilities and renewable energy based industry and agriculture with no waste.

Social perception of climate change and social level responses in the fields of state planning and law(Chair: Sándor Fülöp – EMLA)

The successful adaptation to climate change is greatly determined by how far a given society is able to evaluate its effects, raise awareness, develop effective strategies, plans, programs and policies and how coherent is the related legislative and implementation network. Apart from state level perception and responses, the activities of civil sector in its broader sense--including not only NGOs and local communities but professional, scientific and religious organisations, as well--has a determining role in successfully reducing climate risks. In this section, social science research and insights in these topics are presented.

Water governance, water management(Chair: Gábor Baranyai- NUPS, IWGC)

Water governance and long term water policy is one of the most interesting and most urgent problems caused by climate change. Because of topographic causes, many rivers and lakes are divided by borders and therefore effective water policies and governance structures are needed to solve the problems of water scarcity. This section aims to review relevant national and international discussions, decisions and international contracts relating to water policy best practices.

Alternative economical solutions(Chair: Tibor Kiss - UP)

The mainstream global economic theory is widely accepted but its ability to forecast and explain events and phenomena is decaying in the age of global climate change. Present global challenges require new and alternative economic theories and solutions to construct models that can calculate and account for the price of externalities and reconsider the idea of continuous growth. Alternative economic models will represent the main topic in this section.

Reinventing Collapse: Avoiding Catastrophe (ENG) (Chair: Mark S. McCaffrey – Earth Child Institute)

Over human history there have been numerous collapses triggered by natural and human factors. In the past century, there have been political, economic, and social collapses throughout the world, including in central and eastern Europe. Now, with nearly nine billion people on the planet, the prospect of environmental collapses caused by mass extinctions and climate change adds even greater urgency to identifying and minimizing risks and vulnerabilities to prevent complete collapse. Are we able to learn from the lessons of history or must past mistakes be repeated? How can collapses of the past help prepare us for known and unknown changes of the 21st century? The main goal of this session is to examine the lessons of collapse to help inform our current conundrum and prevent us from disaster.

The topic of the conference

The seriousness and the long-term consequences of climate change caused by human activities is clearly one of the biggest challenges in the world.

Reducing greenhouse gas emissions and increasing societal and ecosystem resilience are imperatives that the Paris Agreement emphasized as urgent priorities. The natural and social sciences as well as the fields of economics and public policy must find effective ways to work together to achieve the ambitious goals of limiting warming of the planet to less than two degrees. This will require bridging disciplinary and decision-making boundaries to allow natural and social scientists to inform and learn from policy-makers, the leaders in public sector, educators and the public at large.

The Climatters Conference offers a new approach to the sharing of scientific and technical information by providing a bridge between the different fields of knowledge by focusing on a common vision: using the insights of science to inform and serve society as it transitions toward sustainability through interdisciplinary and international collaboration and cooperation.

Participants in the conference, whether presenting their insights and research or simply attending the conference, will be encouraged to engage in discussion and dialogue that will extend and expand the development of technical and social solutions to the challenges of reducing human impacts on the climate system and preparing for global changes that are already well underway.

11:00 – 18:00 **Events on Exhibit space –hosted by Zita Görög**
Fashion show – Hungarian eco design
Results of Climate polls
Action licit/auction: who and what undertakes for a more environment and social-consciousness life

At the end of the sections the chairs reflect for the presentations and then the questions and answers session and discussion follow.

The papers submitted until 20 May 2016 will be put on the webpage www.allamtudomany.hu and during the conference will be available for audience.

The committee chooses best presentations which will be invited to publish in scientific journals of the University listed here: <http://uni-nke.hu/kutatas/egyetemi-folyoiratok> (final decisions will be made by the editor-in-chief.)

Scientific committee

The members of scientific committee contains prominent sustainability researchers

- Zsolt Hetesi, scientific senior fellow, NUPS, VRKC
- Gábor Baranyai, leader researcher, NUPS, IWGC
- János Zlinszky, REC
- Sándor Fülöp, EMLA

Deadlines:

Abstract submission deadline:	29 Apr 2016 12:00 CET
Session of committee	2 May 2016
Announcement about the submission	6 May 2016
Application finalize	16 May 2016 (transfer of registration fee or submission of paper)
Registration fee	15.000 HUF (50 €)

Formal requirements for abstracts

Spread: max. 2000 characters see sample below.

Format: PDF (please give the title your name's initial)

Please, do not put in the abstract any picture, diagram, graphic, schema, table and literature.

In the subject of the email please include the title of the conference and the name of the section you are submitting to.

For further up-to-date information please visit the conference website.

Sample of the abstracts:

Title of the study

With one lineoutagefollowsthe details of the author(s)

Name(s) and position(s) of the author(s)

The name of theInstitution, e-mail

Dr.Peter Sample, university professor¹, **Dr.John Sample**, associate professor²

¹National University of Public Service

e-mail: minta@uni-nke.hu

Keywords:

With one lineoutagefollowsthe text of theabstract

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