









INTENSE – Integrated Doctoral Program for Environmental Policy, Management and Technology

Summer School "WIN! Water Innovations Policy, Management, Research Tartu, West-Estonia 12-23 August 2019

Estonian University of Life Science, Kreutzwaldi 5 Meeting room 2 C1

AGENDA

Coordinator: Estonian University of Life Sciences

INTENSE Partners: EMU, BOKU, LNU, OSENU, KKNU, IECNASU, NUM, KHU, HUST, HCMUNRE

Sunday, 11th of August, 2019

Arrivals to Tartu; individual consultations for INTENSE students with EMU and summer school academic staff

Monday, 12th of August, 2019

09:15 Opening

Welcome and Overview of Estonian University of Life Sciences, Mr. Aret Vooremäe, Head of the Institute of Agricultural and Environmental Sciences, Estonian University of Life Sciences (EMU)

Tour the table. Facilitated by *Mr. Attila Katona, Central European University (CEU)*

11:00 Break

11:30 Introduction to Estonian University of Life Sciences and Estonia. *Prof. Kalev Sepp, Estonian University of Life Sciences (EMU)*

The conceptual framework and where we want to land *Dr. Anton Shkaruba, Estonian University of Life Sciences (EMU)*

13:00 Lunch

14:00 Global challenges, Environmental Politics and SDG. Mr. Attila Katona, Central European University (CEU)

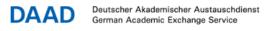
15:30 Break

16:00 Climate change and vulnerability of water resources. *Prof. Hans-Peter Nachtnebel, University of Natural Resources and Life Sciences (BOKU)*

17:30 Walking tour in the City

19:00 Joint Dinner, invitation by EMU, **Püssirohukelder** (Gunpowder Callar of Tartu).







Regionaalarengu Fond







Look at https://en.wikipedia.org/wiki/Gunpowder Cellar of Tartu

Tuesday, 13th of August, 2019

- 09:15 Feedback from previous day. Introduction to the day program.
- 09:30 Urban megatrends, Urban Nature-Based Solutions concept and trends. *Mr. Attila Katona, Central European University (CEU)*
- 11:00 Break
- 11.30 Sustainable Urban Drainage Systems SUDS. *Prof. Valdo Kuusemets, Estonian University of Life Sciences (EMU)*
- 13:00 Lunch
- 14:00 Ecosystem services and safety of water supply systems. *Prof. Hans-Peter Nachtnebel, University of Natural Resources and Life Sciences (BOKU)*
- 15:30 Break
- 16:00 Workshop: Apply transition management in practice on a local urban NBS. *Mr Attila Katona, Central European University (CEU)*
- 17:30 End of the day

Wednesday, 14th of August, 2019

- 09:15 Feedback from previous day. Introduction to the day program.
- 09:30 Integrated flood risk management in a dynamic environment. *Prof. Hans-Peter Nachtnebel, University of Natural Resources and Life Sciences (BOKU)*
- 11:00 Break
- 11:30 Wetland Restoration. Lecture Marika Kose, Estonian University of Life Sciences (EMU)
- 13:00 Lunch
- 14:00 Wetland management, research and monitoring. Dr Ain Kull, University of Tartu (UT)
- 15:30 Break
- 16:00 Introduction to field themes. *Prof. Kalev Sepp, Prof. Valdo Kuusemetes, Dr. Ain Kull, Lecture Jaak Kliimask, Mr. Attila Katona, Prof. Hans-Peter Nachtnebel, Mr. Ken Mandre, Sen. Researcher Anton Shkaruba*

Thursday, 15th of August, 2019

- 09:15 Feedback from previous day. Introduction to the day program.
- 09:30 Remote sensing tools for marine spatial planning in coastal water areas. *Research Prof. Tiit Kutser, University of Tartu (UT)*
- 11:00 Break
- 11:30 Urban Nature and Green&Blue. Dr. Anton Shkaruba, Prof. Kalev Sepp, Estonian University of Life Sciences (EMU)













13:00 Lunch

- 14:00 Marginalization and Regional Policy. *Lecture Jaak Kliimask, Estonian University of Life Sciences (EMU)*
- 15:30 Break
- 16:00 Workshop; GIS. Background digital maps for case study. *Anne Kull, Estonian University of Life Sciences (EMU)*

Case study overview: Sustainable Urban Drainage Systems in Eastern Europe. *Dr. Anton Shkaruba, Dr. Hanna Skrygan, Attila Katona, Dr. Viktar Kireyeu, Dr. Olga Likhacheva*

Friday 16th of August, 2019

- 09:15 Feedback from previous day. Introduction to the day program.
- 09:30 Baltic coastal geology and implications towards coastal policies/governance. *Dr. Janis Lapinskis, University of Latvia (LNU)*
- 11:00 Break
- 11:30 Coastal sustainable governance case in Latvia: socioecological system approach and stakeholders participation. *Ms. Erika Lagzdina, University of Latvia (LNU)*
- 13:00 Lunch
- 14:00 Municipal coastal governance monitoring development, incl. citizen science approach. *Prof. Raimonds Ernsteins, University of Latvia (LNU)*
- 15:30 Break
- 16:00 Tour at the University. Tour lead by Aret Vooremäe, Head of the Institute of Agricultural and Environmental Sciences and Environmental Sciences. Or...
 - GIS. Background digital maps for case studies. *Lecture Anne Kull, Estonian University of Life Sciences (EMU)*

Saturday, 17th of August, 2019

<u>Study trip to Lahemaa National Park. Tartu-Viru Bog-Palmse (lunch ca 13.00 at Palmse Pub) – Võsu-Käsmu-Tartu. Look at: https://www.visitestonia.com/en/where-to-go/north-estonia/lahemaa-national-park</u>

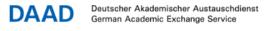
8:00 Bus from front of Kreutzwaldi 5

18-20th of August, 2019

Research and training at the site. Selective blocks:

- (1) Wetland restoration, management and policy (Tartu)
- (2) Science, management and policy of rivers and floodplains, green and blue infrastructure (Tartu)
- (3) Coastal Zone Management and planning (west-Estonia, Haapsalu)













- (4) Small islands and marginalization (Kihnu Island)
- (5) Urban water science, management & policies (Viimsi)

Wednesday 21th of August, 2019

- 09:15 Feedback from previous days. Introduction to the day program.
- 09:30 Group work at University
- 11:00 Break
- 11.30 Group work at University
- 13:00 Lunch
- 14:00 Group work at University or Workshop (lead by *Mr Attila Katona, Central European University (CEU)*
- 15:30 Break
- 16:00 Sharing preliminary findings: groups' briefing and faculty feedback

Thursday 22th of August, 2019

- 09:00 Boat trip on River Emajõgi
- 13:30 Lunch
- 14:00 Group work at University or Workshop (lead by *Mr Attila Katona, Central European University (CEU)*
- 15:30 Break
- 16:00 Group work at University or Case study: Conflicting perspectives on urban landscape quality: case studies from Belarus, Croatia, Italy, France, Russia and the Netherlands *Dr. Viktar Kireyeu*, *Saint Petersburg University*

Friday 23th of August, 2019

- 09:15 Introduction to the day program
- 09:30 Group work presentations and discussions
- 11:00 Break
- 11:00 Group work presentations and discussions
- 13:00 Lunch
- 14:00 Group work presentations and discussions
- 15:30 Break
- 16:00 Summer School Closing: certificates and goodbyes
- 20:00 Dinner at Restaurant Polpo, Rüütli 9

Saturday-Sunday, 24-25th of August, 2019

Individual consultations for INTENSE students with EMU and summer school academic staff (arranged individually)