

## **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, 11<sup>th</sup> of August, 2019**

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

#### **Monday, 12<sup>th</sup> 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).

Look at [https://en.wikipedia.org/wiki/Gunpowder\\_Cellar\\_of\\_Tartu](https://en.wikipedia.org/wiki/Gunpowder_Cellar_of_Tartu)

### **Tuesday, 13<sup>th</sup> 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, 14<sup>th</sup> 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, 15<sup>th</sup> 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. Viktor Kireyeu, Dr. Olga Likhacheva*

### **Friday 16<sup>th</sup> 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, 17<sup>th</sup> of August, 2019**

**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>**

8:00 Bus from front of Kreutzwaldi 5

### **18-20<sup>th</sup> 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 21<sup>th</sup> 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 22<sup>th</sup> 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. Viktor Kireyeu, Saint Petersburg University*

### **Friday 23<sup>th</sup> 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, Rütli 9

### **Saturday-Sunday, 24-25<sup>th</sup> of August, 2019**

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