

INTERDISCIPLINARY SUMMERSCHOOL

INTEGRATING ECOSYSTEM SERVICES INTO URBAN PLANNING

News frequently report about “European heat wave”, “natural disaster”, or “species extinction”. Such issues are the consequences of urbanization and land use intensification; they show how far we are apart from a sustainable use of nature. These challenges can be counteracted by two innovative concepts, namely on ecosystem services and green infrastructure.

Ecosystem services are the benefits that people obtain from nature and contribute to their well-being. Ecosystems in urban areas (i.e. parks, forests, brooks, alleys) - known as the elements of green infrastructure - bring multiple benefits to the people: regulate micro-climate, control air quality, reduce flood risks or give place for recreation.

This summer school is going to share the existing knowledge about ecosystem services and green infrastructure. It will enable their mapping and assessment during field work, excursions and GIS sessions right up to monetary evaluation. Students find a forum to discuss their experience within an international, multidisciplinary team and to apply their results to the recent challenges of urban planning and management.

Location

Ústí nad Labem
Jan Evangelista
Purkyně University
(UJEP)

Dates 2019

Period: June 16-21

Arrival: June 16 until
18:00

Departure: June 21
from 16:30

Language

English

Fee

free of charge
including materials
and excursion

but

Participants pay
individually for

- Meals and
- Accommodation (app.
15 €/night in the
student hostel)

Highlights

- Introduction into the concept of Ecosystem Services and urban green infrastructure
- Mapping and assessment on the example of urban green infrastructure.
- Work in international student teams

Keynote speakers

- Dr. Daria Sikorska
Warsaw University
- Dr. Olaf Bastian
*Environmental Office,
Dresden*
- Assoc. Prof.
Pavel Raška
UJEP, Ústí n. L.

Programm

Online: <http://bidelin.ioer.eu/summer-school-2019>



Social Events

- Welcome party
- Teamwork
- Get-together and dinner
- 1-day Excursion to Děčín

Credits

5 ECTS

Application

via Online-Form
<http://bidelin.ioer.eu/application-form/>

Application
deadline:

April 30, 2019

Notification of
acceptance: May 15



Contact

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INTERDISCIPLINARY SUMMER SCHOOL 2019 ON „INTEGRATING ECOSYSTEM SERVICES INTO URBAN PLANNING“

Programm

Sunday, June 16 2019

- 18:00 Arrival of participants
- 19:00 Get-together, dinner

Monday, June 17 2019

- 08:30 Registration
- 09:00 Invitation and introduction
- 09:30 Key note speeches
- 10:45 Coffee break
- 11:00 Theoretical lectures I. –
Introduction to the concept of ecosystem services and urban planning
- 13:00 Lunch break
- 14:15 Theoretical lectures II. -
Introduction do mapping and biophysical assessment of ecosystem services
- 16:00 Coffee break
- 16:15 Methodology of research, get to know with field work sites I. (practical excercises: ecosystem services in urban planning)
- 19:00 Welcome party and teambuilding

Tuesday, June 18 2019

- 09:00 Methodology of research, get to know with field work sites II.
- 10:30 Coffee break
- 11:00 Field work in Usti nad Labem
Mapping and biophysical assessment of ecosystem services
- 17:00 Discussion of the outputs from mapping + discussing of methods
- 19:00 Get-together, dinner

Wednesday, June 19 2019

- 08:30 Excursion: an annotated ramble through the urban green infrastructure of Děčín (we see the famous castle, Pastýřská stěna, Kvádrberk)
- 13:30 Lunch break and return to Ústí nad Labem
- 15:00 From fieldwork to evaluation I
Processing of fieldwork
- 19:00 Get-together, dinner

Thursday, June 20 2019

- 09:00 From fieldwork to evaluation II
Data processing, analysis and evaluation, proposal of measures
- 13:00 Lunch break
- 14:15 5-Minute Presentations of each team I.
- 16:00 Coffee break
- 16:15 Incorporating feedback – preparation of final presentations
- 19:00 Final evening, dinner

Friday, June 21 2019

- 09:00 Development of planning strategies I
Finishing the final presentations and consulting with lecturers
- 10:45 Coffee break
- 11:00 Development of planning strategies I
Presentation of course outputs by project teams .
- 13:00 Lunch break
- 14:15 Presentation of course outputs by project teams II.
- 16:00 Closing panel
- 16:30 Departure of participants