

# WAVE 2022

Water Areas Visions for Europe

Online Seminar  
International Workshops  
Living Labs



Co-funded by the  
Erasmus+ Programme  
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Apply now  
We start on **March 11, 2022**  
Travel Grants for 4 European  
workshop destinations available



# For whom is this course?

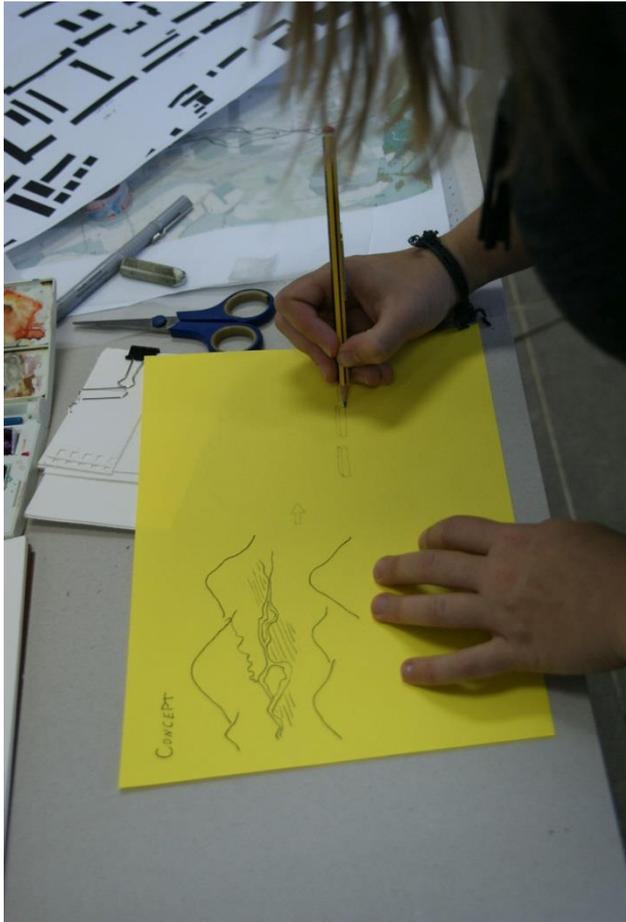


photo: Ellen Fetzer 2017

Do you care about **water in the city**?

Are you an **urban or landscape planner** who wants to make planning and design **more inclusive and strategic**?

Are you a **geographer** who wants to work with other disciplines on **a globally relevant landscape challenge**?



# For whom is this course?



LED process 2017, Kassel, photo: Pia Bültmann

Are you **curious** about other people and their knowledge?

Are you eager to get to know **other people from Europe and beyond** – academics like you but also citizens and their local issues?

Do you believe in your capability to **create something new**?



# Then join us in the WAVE Course on sustainable water areas in Europe!



WAVE, formerly COLAND Team at the first consortium meeting in Bucharest, December 2017

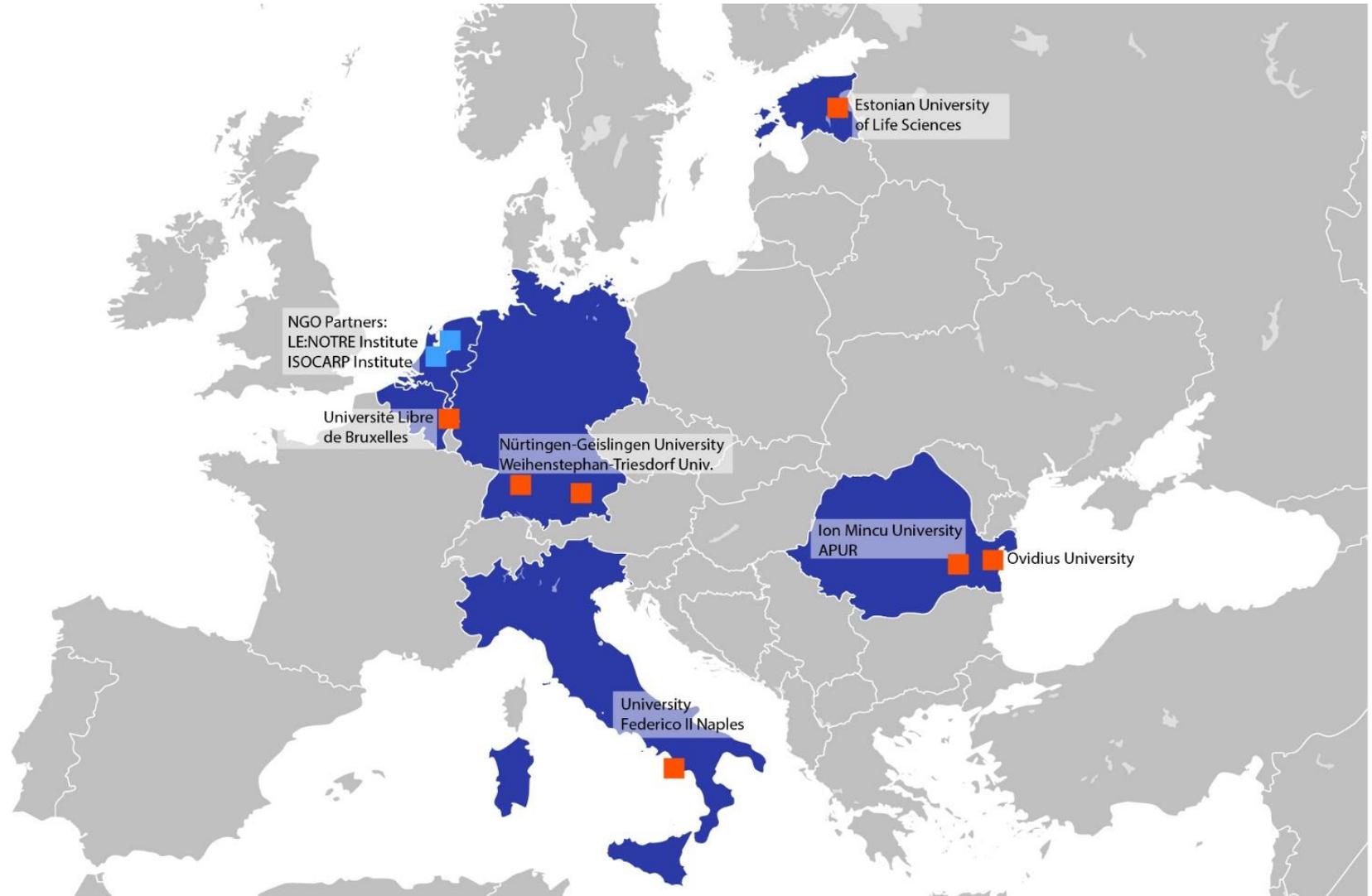


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# The WAVE Partnership



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# Water areas matter because:

They are valuable living spaces for many.

This is why many land uses are competing for the same space.



View to Rione Terra near Naples, Italy, photo: Ellen Fetzer



# Water areas matter because:

They are living landscapes under change



Water landscape in Bangladesh provided by Zasim



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# Water areas matter because:

They provide economic opportunities and generate values.



Harbour of Constanta, Romania, photo: Ellen Fetzer, 2012



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# Water areas matter because:

They are biodiversity hotspots and dynamic



*Pelophylax lessonae* © Izotov Ion-Daniel found in Siutghiol Lake, Constanta, Romania



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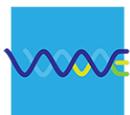
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# Water areas matter because

They are healthy and support human wellbeing.



*River in Tartu, Estonia, Photo: Flickr, Creative Commons*



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# Water is the basis of life.

# Water is at risk. Worldwide.

## Groundwater

**75 %**

of groundwater areas have good chemical status

## Surface waters

(rivers, lakes and transitional waters)

**44 %**

have good or high ecological status

### Main problems

- 1 Chemical pollution deposited by air
- 2 Built alterations
- 3 Nutrient pollution from agriculture

## Sea

**75-96 %**

of assessed areas in Europe's seas have a contamination problem

### Main problems

- 4 Chemical pollution
- 5 Nutrient enrichment and eutrophication
- 6 Pressures from coastal and maritime activities, including marine litter and underwater noise
- 7 Climate change

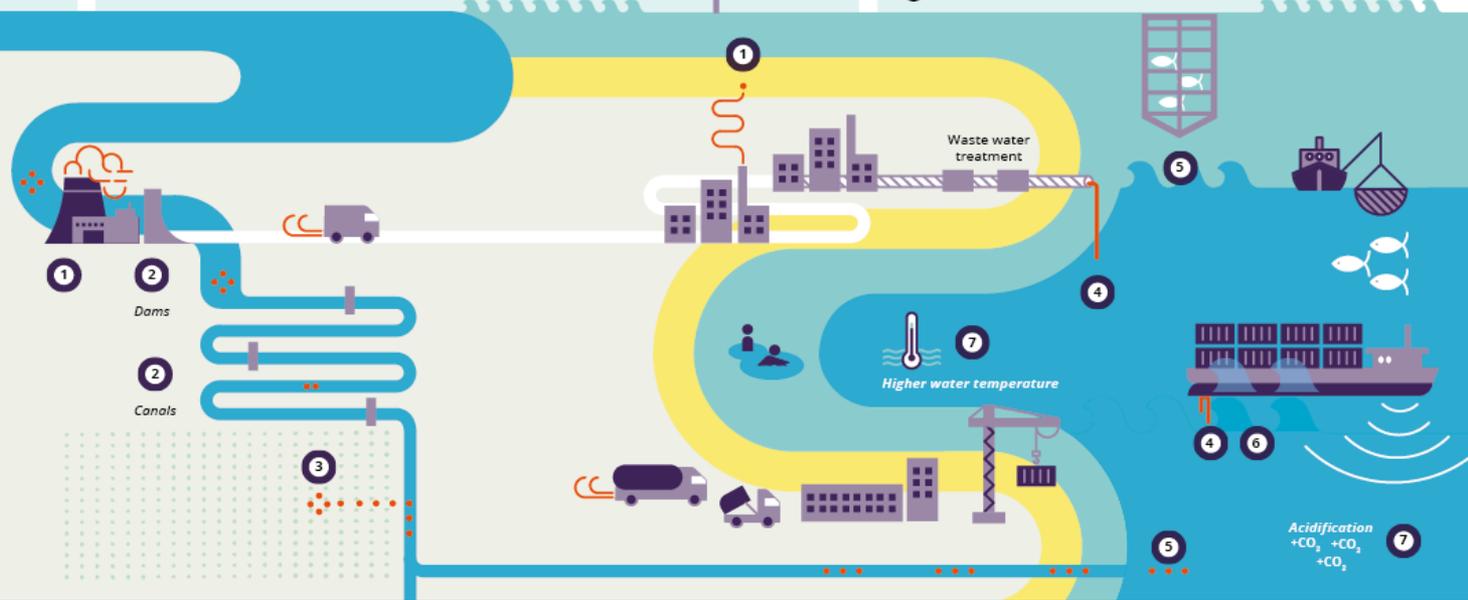
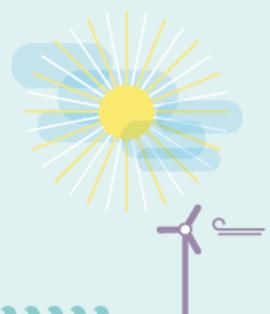


**40 %**

of Europe's need for drinking water and agricultural activities is covered by groundwater

- 1 Dams
- 2 Canals

3



# What we offer:

- **Twelve live sessions on the internet** with international lecturers, invited experts and a lot of interactive learning
- The possibility to **receive a grant** for attending a **10-days workshop in Germany, Estonia, Romania or Italy**
- **Interdisciplinary and international group work** with students from Romania, Estonia, Germany, Italy, Belgium and other countries
- Core knowledge for **integrated planning and design**
  - Understanding the water system of landscapes and cities
  - Evaluation and Assessment of water areas
  - Integrated Planning and Design for water areas



# Your benefits:

- **Gain hands-on and practical skills** for integrated and interdisciplinary approaches – you can apply it now, later or in parallel to your professional career
- **Gain valuable international experience** by working in intercultural teams, practicing your English and applying your knowledge in an unknown spatial context
- **Distinguish your CV** with holistic and much-needed competences: Participatory mapping, visioning, strategy building
- **Learn how to work creatively and efficiently in a virtual team:** your competence for a globalising planning practice



# Meet international lecturers

COLANDSeminar (Freigabe) - Adobe Connect

Meeting Layouts Pods Audio

Camera and Voice (6)

COLAND Session 1 2019

Draw Stop Sharing

Ellen Fetzer Irina Toomas

Didier Vancutsem antonio Friedrich

Attendee List (95)

Ellen Fetzer

Hosts (1)

Ellen Fetzer

Presenters (9)

antonio  
Christine Auclair  
Didier Vancutsem  
Friedrich  
Gabriel2  
Ingrid Schegk  
Irina  
paolo camilletti  
Toomas

Chat (Everyone)

Asif: Good afternoon!  
Gabriel2: i cannot join  
Ingrid Schegk: Me either  
Irina: and Gabriel also  
Irina: is online  
Gabriel2: Ellen I am also here

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COLAND Team at the second consortium meeting in Estonia, November 2018

Universitatea de Arhitectură și Urbanism "Ion Mincu"

Eesti Maailkool

Hochschule für Wirtschaft und Umwelt Heilbronn

HOCHSCHULE WEIHENSTEPHAN-TRESDORF UNIVERSITY OF APPLIED SCIENCES

UTLB

Faculté d'Architecture La Cambre Horla

LENOTRE Institute

ISOCARP

Everyone Gabriel Tereza Slabá Toomas Didier Vancutsem Sync



# Present your ideas in virtual teams

COLAND Session C (Freigabe) - Adobe Connect

Meeting   Layouts   Pods   Audio

Camera and Voice (7)   Start

Bruna   Christoph J...   Dario Espos...   paolo.camil...  
Ema Plope...   Virginia   Helene-Ter...

Attendee List (22)   Presenter Notes

12   presentation.

Discussion plan:

- Naples Averno team leads discussion on Tallinn Kopli
- Tallinn Kopli team leads discussion on Rione
- Rione team leads discussion on Averno

Chat (Everyone)

Room C Presentation Slides Landscape System Analysis.pdf   Draw   Stop Sharing

## Coastal Typology



**Volcanic area**  
Steep hills and volcanic rocks  
Bradyseism – raising and lowering of the surface

**Low coast**  
Recent sediments in lower areas - shores, ports and recreational beaches

**Volcanic craters**  
Solfatara (2000 B.C);  
Astroni – Monte Nuovo (1538); Lake Averno

39 / 47   88%   Sync



# ..and work together on site



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# WAVE Learning Process 2022

Live Online Sessions 15 00 – 16 30 CET

11.03.2022: Seminar Introduction

18.03.2022: Water as a dynamic phenomenon

25.03.2022: Water as a natural living space

01.04.2022: Water as a cultural space

08.04.2022: Water and people

14.04.2022: Water landscapes as interrelated systems

**21.04.2022: Possible futures: Interim presentation**

29.04.2022: Goal setting and strategy building

06.05.2022: Nature-based solutions

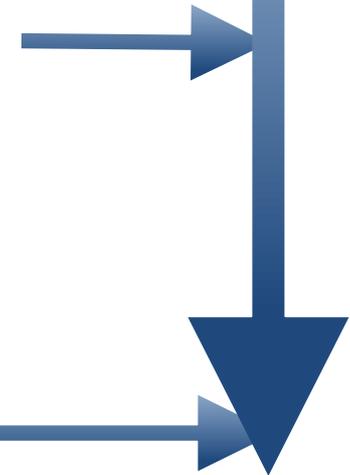
13.05.2022: Water and Design

20.05.2022: Water and Action

**27.05.2022: Final Presentation**

Working in Living Labs + Wiki

Your local WAVE cases



Tartu Workshop: 01.-10.05.2022

Freising Workshop: 20.-30.05.2022

Naples Workshop: 18.-26.09.2022

Constanta Workshop: 18.-26.09.2022

# WAVE Intensive Study Programme Tartu

**Time frame**      **May 1 – May 10, 2022 in Tartu, Estonia**  
**Host**              **Estonian University of Life Sciences (EMU)**  
**Living Lab Area**   **River Emajõgi, Tartu, Estonia**



*Photo: Flickr, Creative Commons*

## **Tartu Focus Topics:**

City opening to the river

“Curated biodiversity”  
Discovering the nature enclaves in the center of the city, discovering the nature in the peripheries

Emajõgi river connecting all natures in the city



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# WAVE Intensive Study Programme Freising

Time frame      May 22 – 30, 2022

Host              HSWT Weihenstephan-Triesdorf in Freising, Germany

Living Lab Area    Dachau Waterscapes



*Wikimedia Commons*



## Freising Focus Topics:

Schleißheim-Dachau-Canal

The rivers and streams  
(Würm, Amper)

Gravel ponds

Peatlands



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# WAVE Intensive Study Programme Naples

**Time frame**            **September 18 – 26, 2022**  
**Host**                    **University Federico II, Naples, Italy**  
**Living Lab Area**    **Phlegrean Fields, Community of Pozzuoli**



## **Naples Focus Topics:**

Lakes and sea on the  
Phlegrean Fields

Thermal water

Archaeology

Green Blue  
Infrastructure and  
urbanization



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# WAVE Intensive Study Programme Constanta

**Time frame**            **September 4 – 12, 2022**  
**Host**                    **Ovidius University, Constanta, Romania**  
**Living Lab Area**    **Lacul Tăbăcăriei**



## Constanta Focus Topics:

Urban and Tourism  
development

Intensive Real Estate  
Development

Water and Biodiversity  
Protection



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# Formalities

- Participation in this course is open to students of **any study programme**
- Participation in the online course is **free of charge**
- **Academic recognition** for successful completion will be as follows:
  - 5 ECTS for online course and one intensive study programme
  - Students need to seek individually for academic recognition at their respective universities
- Successful participation in the online part is **a requirement** for participating in the Tartu, Freising, Naples or Constanta workshops.
- Only registered students from the partner universities are eligible for the ERASMUS Grant. No grants are available for students from the host universities
- The student grants for the workshops cover a **travel and daily subsistence lump sum.**



# Formalities

- There is no limit regarding the number of participants in the online course. **Any interested student** (or graduate, young professional) is invited to attend.
- All participants who **successfully complete** the assignments of the online course will be issued a **certificate** on behalf of the 5 academic institutions involved.
- Also **passive participation** (i.e. ‚listen-only‘) in the online course is possible, but **no certificate** will be issued for this participation mode.



# Registration and deadlines

**Active participants** in the online course (5 ECTS)

**Registration deadline:** **10<sup>th</sup> of March 2022**

**Passive participants** (no ECTS) can register at any time.

**Participation in the workshops** requires personal application. Your application needs to include the following:

- A letter of intent explaining your motivation for participating in the workshop
- CV and current transcript of records
- English language certificate (if available)

**Application deadline:** **10<sup>th</sup> of March 2022**

**Registration/application link:**

**[https://wave.hfwu.de/index.php?title=WAVE Online Seminar 2022](https://wave.hfwu.de/index.php?title=WAVE_Online_Seminar_2022)**



# See you in the WAVE programme!



*Image: Google Street view from Bucharest Plumbuita Living Lab*



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