



GEOSPATIAL CHALLENGE CAMP 2025

CALL FOR RESEARCHERS AND STUDENTS



DIGITAL SOLUTIONS WITH SUSTAINABILITY IMPACTS

Geospatial Challenge Camp aims at solving real-world sustainability challenges with open data and location technologies

Image by robertomoretto from Pixabay



CHALLENGE THEME 2025: Health and well-being

Possible sub-themes



Multi-disciplinary teams of young scientists work in close collaboration with different stakeholders to co-create digital and social innovations with location data and digital technologies

OPEN CALL FOR RESEARCHERS

WHEN: 12-week co-creation challenge (February 13th - May 6th), 5 ECTS

FOR WHOM: young researchers (master students, doctoral and post-doctoral researchers) from different universities, research organizations and disciplines

LEARNING OBJECTIVES:

Improved scientific skills:

in conceptualizing complex location-related problems in the society, and better understanding of how these problems can be tackled with geospatial data, geoprocessing, automation and digital technologies

Technical, hands-on competencies:

to identify, use, assess, process and enrich geospatial data and digital technologies and provide novel solutions to needs posed by the stakeholders of the challenge

Skills to plan and manage team work:

which runs over several weeks and manage sub goals, milestones and deliverables, and recognize the roles and responsibilities of members in a project team, linked with the team deliverables

Improved confidence:

in working in a multi-skilled team, knowing how to assess and communicate progress and results of the team work to stakeholders with diverse backgrounds.

CHALLENGE SCHEDULE – key dates

Weeks 1-2

Challenge introduction phase

13.-14.2.2025 Kick-off event at Maria 01 Startup Campus Helsinki (1st day) and at Aalto University, Espoo (2nd day)

Introduction to the challenge theme, networking with stakeholders, forming teams

A half-a day public seminar with all the participants and collaborators

A 1,5 day workshop with the participants and key mentors

Getting to know the societal context of the challenge as a team

Week 3

Challenge specification phase

Analyzing the broad challenge, learning insights, getting familiar with data and tools

Specification of the team's problem/sub-challenge and gathering resources and contacting stakeholders

Weeks 4 – 6

Prototyping/ideation phase

Rapid ideation of solutions and testing data and tools

Validating ideas with stakeholders

28.3.2025 Mid-term Seminar in Turku with groups' and mentors' interaction and feedback day

Weeks 7 – 10

Solution-building phase

Team working time to work solutions based on feedback

Mentors offer mentoring sessions

Weeks 11-12 Finalization phase

6.5.2025 Final seminar at Aalto University, Espoo

Groups pitch their solutions to the rest of the course, stakeholders and general audience

NEXT STEPS

- More information and sign up as a participant at:

<https://challenge-camp.geoportti.fi/>

Deadline 24.1.2025

- Set the kick-off event and key meeting dates into your calendar!
- Questions? Contact us at geospatial-challenge@utu.fi