

Partner Search Form

Sustainable and Liveable Cities and Urban Areas organized by JPI Urban Europe and the National Natural Science Foundation of China (NSFC)

Date:

Section 1 – I am looking for:

A partner for my project

A project to join

Section 2 - Call Information: which topic(s) do you address?

Topic 1: Climate change and new urban economies

Topic 2: Transformation of energy systems and strengthen urban circular economies

Topic 3: Urban public administration and services innovation

Topic 4: Urban data management

Section 3 - Your Organisation

Organisation name and location: University of Wrocław, Faculty of Earth Sciences and Environmental Development, Poland

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Description of the organisation (max. 100 words):

Section 4 - Free Keywords:

Green Infrastructure, Environmental Services, Cities

Section 5 - Project Description

Environmental Services for Climate Change Mitigation on Urban and Suburban Areas

The research aim is to investigate the potential for, propose and evaluate *environmental services* for urbanized areas at the selected examples. The main question of the research to be asked is how to connect diverse landscapes ranging from typical urban features to productive agricultural areas, from very valuable ecological zones and landscapes to damaged industrial and residential areas, through *environmental services*, in a way that will fulfill different expectations of cities inhabitants. The studies are based on investigation of chosen *environmental services* such as: supporting services, provisioning services (distribution and supply in energy – e.g. SOLAR, hydropower, biomass

fuels), regulating services (climate regulations, waste decomposition, flood regulations, water purification) and cultural services (recreational - including ecotourism, outdoor sports, and open green spaces). The proposed research project takes a new approach at framing the role of green spaces within a multifunctional *environmental services*, and to developing a multiscale model which promotes spatial integration, sustainable transport, health and accessibility.

Section 6 - Partner Profile Sought

Type of organisation:

Required Skills and Expertise (if applicable):