



Title: Scoping study for developing a tool for mapping multiple environmental and social stressors

Reference: Negotiated procedure EEA/HSR/20/004

The ability to monitor and assess the status of environmental quality across Europe is essential for supporting the development and implementation of environmental policies. Humans are exposed to a combination of environmental stressors including air pollution, noise, climate-related hazards, water pollution and harmful chemicals. In addition to the presence of environmental pollutants in the local environment and climate risks such as extreme heat and floods, there are also features of the land and built environments that interact with people's health and well-being, such as the availability of access to green and blue spaces. The European Environment Agency is requesting scoping work to explore options for developing a tool that would map the spatial coincidence of multiple environmental stressors, based on the most recent data. A future multi-layer mapping tool to visualise the spatial coincidence of multiple environmental stressors would support understanding of human exposure to multiple health hazards and the spatial distribution of environmental pollution across Europe.

Type of contract:

Service contract for a duration of three months from date of contract signature.

Estimated value:

The estimated maximum budget is EUR 30 000.00 (thirty thousand euros)

Place of performance:

At the contractor's premises.

Description of the services to be procured:

The purpose of the work is to conduct a scoping study to explore options for defining, developing and maintaining a tool that displays the spatial coincidence of multiple environmental and social stressors across Europe.

The outcome of this work will be a scoping report which will integrate the following tasks:

- Task 1 – Identification of thematic domains and data sources that could be used when building an online mapping tool, such as an environmental quality index or environmental atlas at European level. The task consists of identifying the thematic domains that the mapping tool could include, such as water, air pollution, environmental noise, chemicals, land, socio-demographic, health and aspects of the built environment. With regards to the chemical domain, this should include data from human biomonitoring studies. The future contractor shall specify relevant datasets, to identify the data owners and provide (meta-) details on data access, quality and spatial and temporal coverage.
- Task 2 – Identification and evaluation of possible methodological options to construct an online multi-layer mapping tool, including the option of developing an environmental quality

index at European level. The future contractor shall present options for mapping the spatial co-occurrence of multiple environmental stressors. Different options shall be considered by weighing up the advantages and disadvantages of each in terms of identified criteria such as ease of communication to audiences, implications for data availability, quality and coherence etc.

- Task 3 – Preparation of a report documenting results from tasks 1 and 2.

Scheduled starting date of contract (indicative):

15 September 2020

Registration of interest:

Interested candidates shall register their interest **by email to procurement@eea.europa.eu by 31 July 2020** at the latest, quoting the title and reference number of this negotiated procedure in the subject field of the message and providing the following information:

- Name (of individual or organisation/company)
- Address (of individual or organisation/company)
- Contact person
- E-mail
- Description of main area of business / expertise (max. 500 words)

Your personal information above will be processed solely for the purpose of this negotiated procedure in accordance with the rules set in Regulation (EU) 2018/1725 on the protection of natural persons with regard to the processing of personal data by the EU institutions, bodies, offices and agencies and on the free movement of such data ⁽¹⁾. For more information on the processing of tenderers' personal data, please refer to the privacy statement on the EEA website <https://www.eea.europa.eu/about-us/tenders>.

Description of the tendering procedure:

On the basis of the pre-assessment of the information provided, the EEA will draw up a list of the most suitable candidates and will forward to all or some of them (at least three candidates) by e-mail an invitation to submit a tender in accordance with the tender specifications by a set deadline. The tenders submitted will be evaluated in accordance with the criteria specified in the tender specifications. During the negotiation phase after the submission of the tenders, selected candidates may be requested to adapt their tender to the requirements set in the tender specifications in order to find the solution offering the best value for money.

Candidates shall note that registration of interest to participate in the above-mentioned procedure entails no obligation on the part of the EEA to send an invitation to candidates or to award them a contract. Please note that no replies will be sent to unselected candidates.

⁽¹⁾ OJ L 295 of 21.11.2018 page 39.