



This project is co-financed by the
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Bu proje Avrupa Birliđi ve Türkiye Cumhuriyeti tarafından
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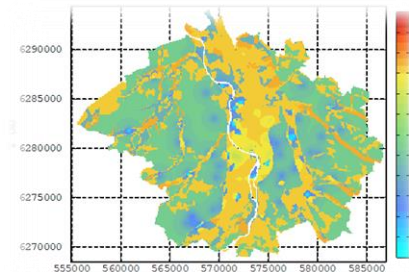
Description of the Organization

- BRGM, the French Geological Survey, is France's reference public institution for earth science applications.
- BRGM conducts scientific research, supports public policies, engages in international cooperation, ..., on a variety of societal challenges related to natural resources, natural and anthropogenic risks (e.g. contaminated soils), the energy and digital transitions, etc.
- BRGM coordinates the Green Deal project PROMISCES, aimed at building strategies for the prevention and remediation of persistent and mobile pollutants (e.g., PFAS) in soil, water and sediment.
- And also the SoilVer SOILVAL project, aimed at assessing how soil biodiversity, functions and ecosystem services can be better recognised in land use planning.



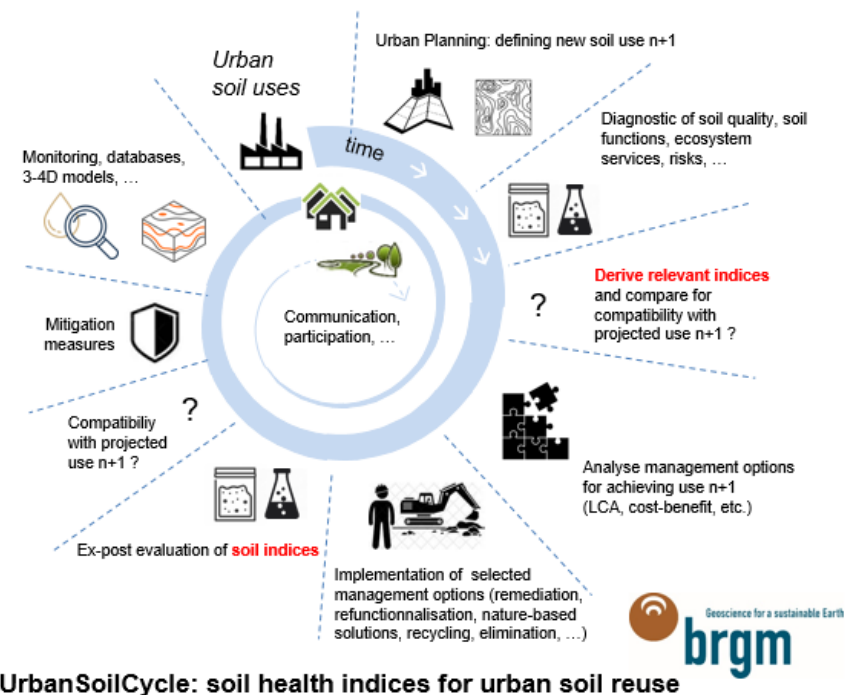
Description of your research interest

- BRGM is specialized in the sustainable management of contaminated soils. Soil contamination characterization, contaminant fate & transport modelling, definition of indicators for new soil uses, with an emphasis on urban environments.
- BRGM also develops innovative soil remediation techniques for organic and inorganic (+ mixed) contamination, using state-of-the-art analytical capabilities.
- And manages a national database on urban soil quality, as part of the French Scientific Consortium **GisSol**
<https://www.gissol.fr/>



Project Idea

- BRGM is seeking to join a consortium for HORIZON-MISS-2021-SOIL-02-02 “*Validating and further developing indicators for soil health and functions*” to contribute research aimed at developing soil health indicators for the reuse of soils in a context of urban planning (UrbanSoilCycle).
- Develop measurable, realistic and scalable soil health indicators tailored for the specific characteristics and functions of urban soils.
- Building upon existing databases and projects (e.g., HE INSPIRATION, SoilVer SOILVAL, ANR MUSE, ...).
- Contributing to the recycling of brownfields and to the objective of « **no net land take** » by 2050.





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