



Innovations in Soil Water Bioengineering: A Stakeholder Perception Assessment

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OBJECTIVE

The survey's **main objective** is to collect crucial information from various stakeholders involved, or not, in Soil and Water Bioengineering (SWBE) and Nature-Based Solutions (NBS).

The survey aims to understand:

- **Perceptions**
- **Knowledge**
- **Practical needs**

related to SWBE and NBS, facilitating collaboration and innovation in these fields.

TARGET POPULATION

The target population for this study included :

researchers, technicians, and practitioners

Specializing in:

- **Agriculture**
- **Architecture**
- **Geology**
- **Engineering**
- **Natural sciences**



MULTIDISCIPLINARY
PERSPECTIVE



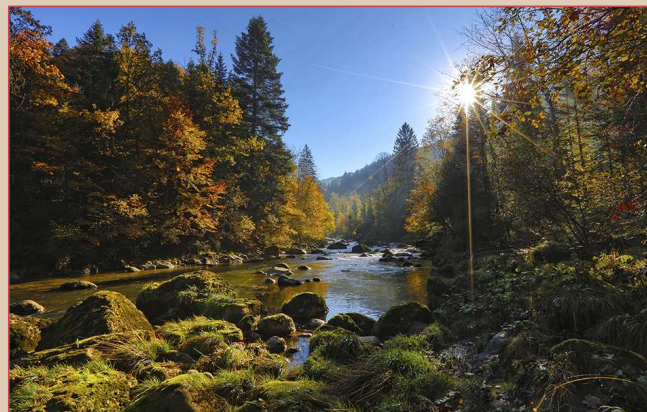
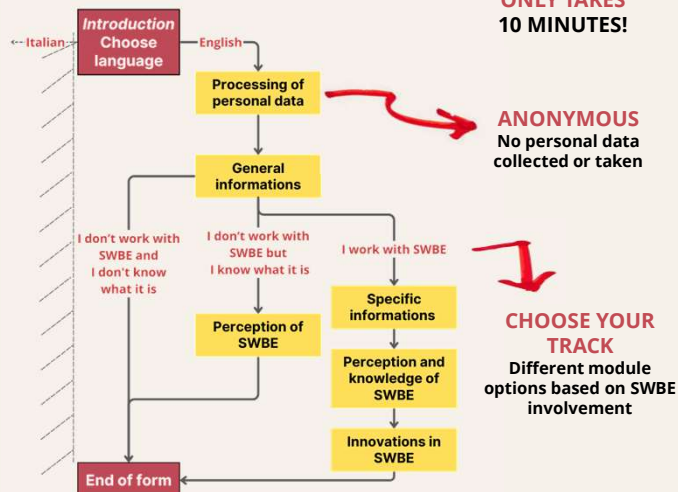
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WHY IS THIS SURVEY IMPORTANT?

- Enhanced Communication:** Improve communication between researchers and practitioners to overcome discrepancies.
- Legislative Influence:** Clear definitions of SWBE and NBS are significant in legislative development for safety and effectiveness.
- Bridging Practical Needs:** Explore practical needs and skills required to apply SWBE and NBS.
- Innovation Discovery:** Stakeholders' perceptions reveal challenges and opportunities for innovation in the environmental sector.
- Sustainable Solutions Promotion:** Understanding practical needs is crucial in developing effective and sustainable solutions for soil and water management.
- Global Perspectives and Variations:** Consider stakeholders from different countries for global insights and potential variations in SWBE and NBS applications.



SURVEY STRUCTURE



RESEARCH GROUP

- Sara Pini (PhD Student at DAGRI, University of Florence);
- Federico Preti (President of Associazione Italiana Per l'Ingegneria Naturalistica AIPIN and Full Professor at DAGRI, University of Florence);
- Andrea Signorile (Research Fellow at DAGRI, University of Florence);
- Vittoria Capobianco (Researcher at Norwegian Geotechnical Institute NGI);
- Paola Sangalli (President of the European Federation of Soil Bioengineering EFIB);
- Lorena Ferrara (Secretary Associazione Italiana Per l'Ingegneria Naturalistica AIPIN)

MAIN REFERENCES

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