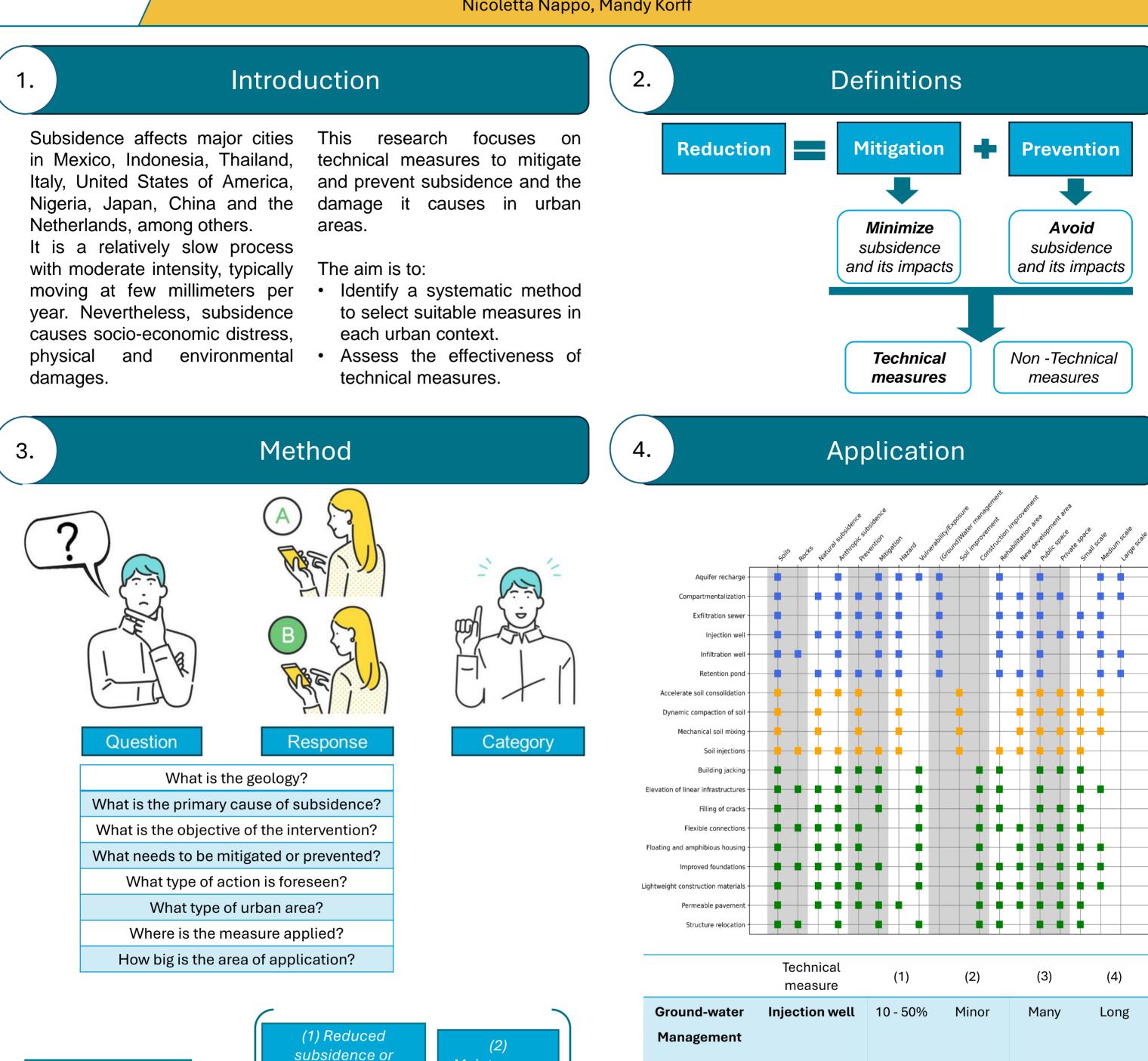
In WP4 Measures and governance approaches

Land Subsidence in Urban Areas: Technical Mitigation and Prevention Measures



Nicoletta Nappo, Mandy Korff



Conclusions 5.

damage

(3) Negative

side effects

The proposed framework is designed for stakeholders and decision makers. It helps selecting technical measures to mitigate and prevent subsidence and its impacts in urban areas based on their suitability in certain areas and their effectiveness.

This approach was tested in two pilot areas, and it successfully identified the set of technical measures adopted in each case. Refinements and further validation are needed for this method to be fully integrated in subsidence management policies.



Maintenance

(4) Durability



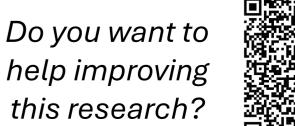
Soil

Intervention

Interventions

on buildings or

roads



> 50%

> 50%

Accelerate soil

consolidation

Foundation

strengthening

No

No

Many

Few

Long

Long



Effectiveness