



Growing
ideas
through
networks

Establishing misalignments in riparian knowledge and priorities for knowledge conversion for enhanced management

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Riparian Ecosystems Science and**



Bratislava, 6-7 April 2022

Riparian zone

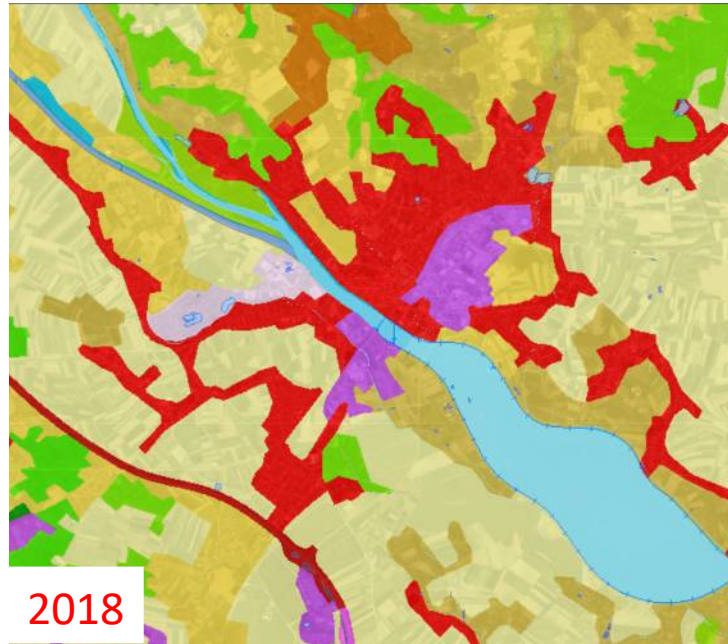
Interaction among
land, river and humans.



Riparian zone



Franziszeischer Kataster



Corine Land Cover 2018

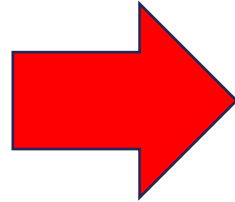


Changes in time: urbanisation, agriculture, energy, recreation!

Why to enhance management?

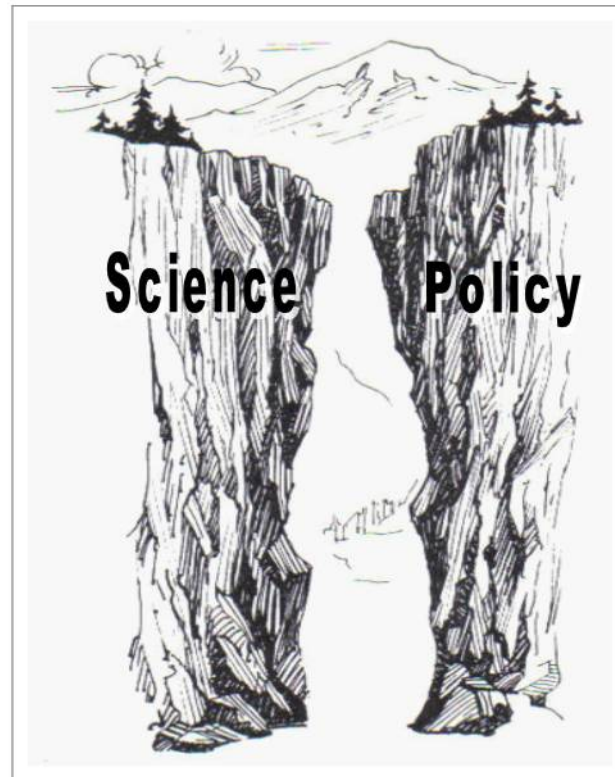


Enhance Nature



Human well-being

Bridging the gap



Management?

Godfrey et al. (2010)

Methodological approach

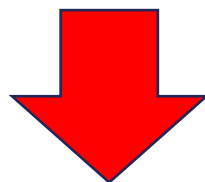


e-Questionnaire

>200
riparian zone
managers
& scientists
across Europe

Stage 1:

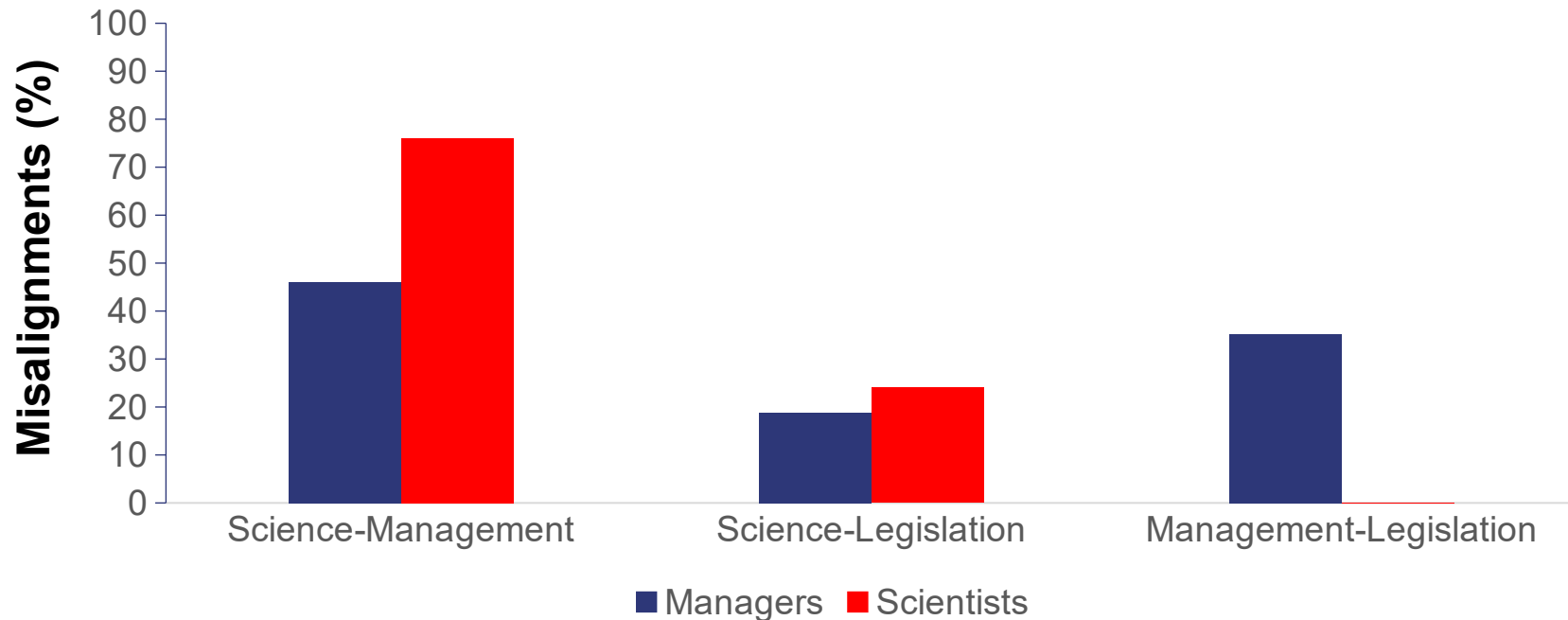
Defining the **main issues** related to riparian zone management



Misalignment categories:

- a) science-management
- b) management-legislation
- c) science-legislation

Misalignments - managers' vs scientists' view



Managers recognised issues related to all misalignment categories!

Scientists did not recognise issues related to the management-legislation category!

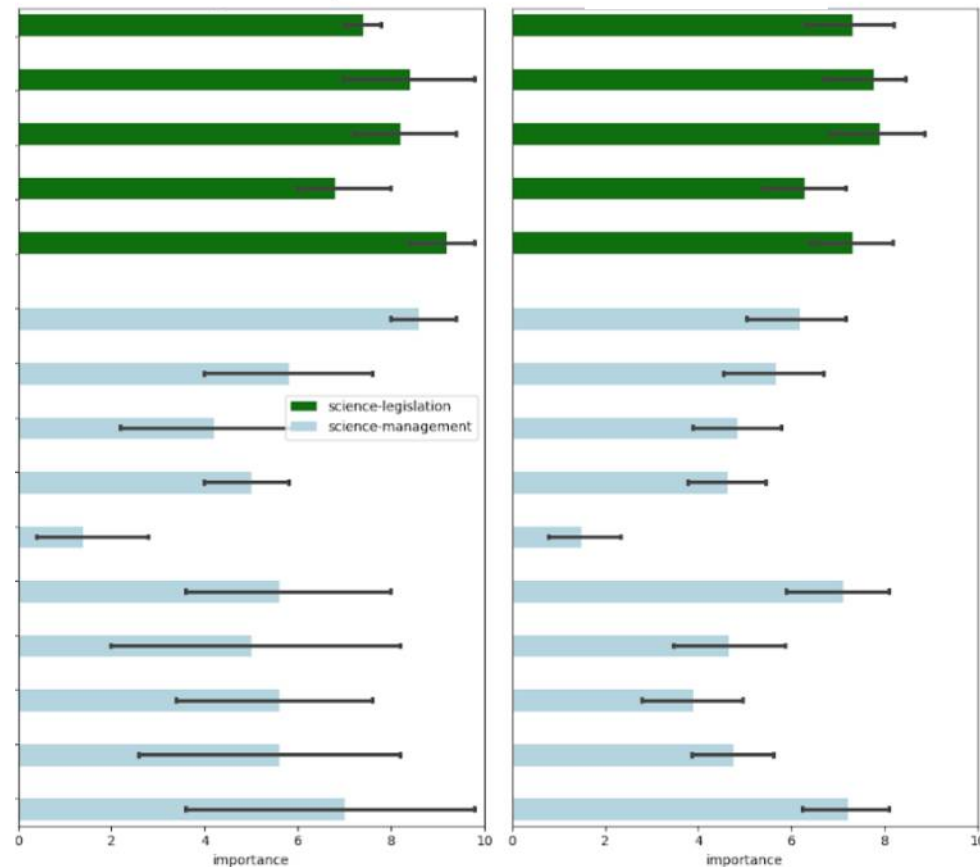
Importance of misalignments - managers' vs scientists'

Managers

Scientists

Science-Legislation

Science-Management

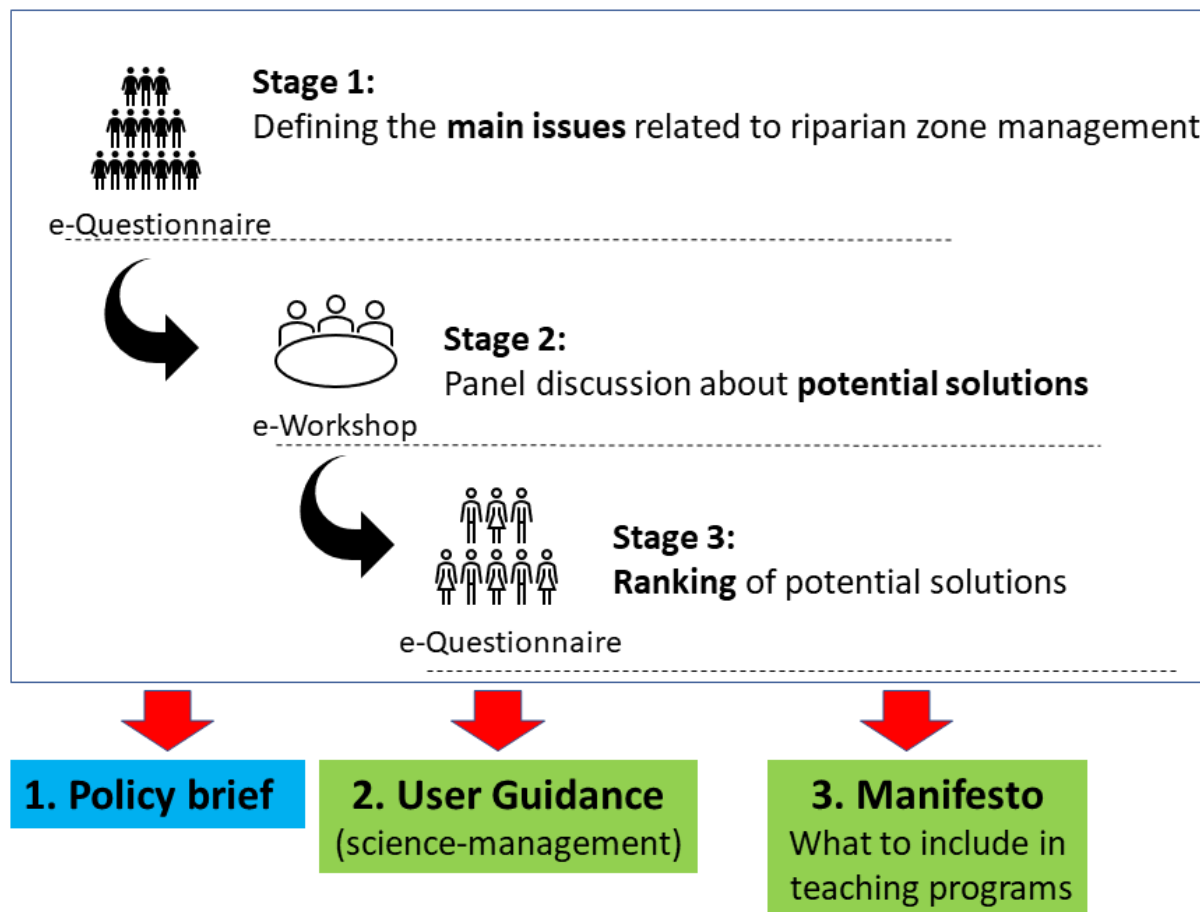


Similar view!

„Riparian Zone Triangle“



In search of solutions



Policy brief



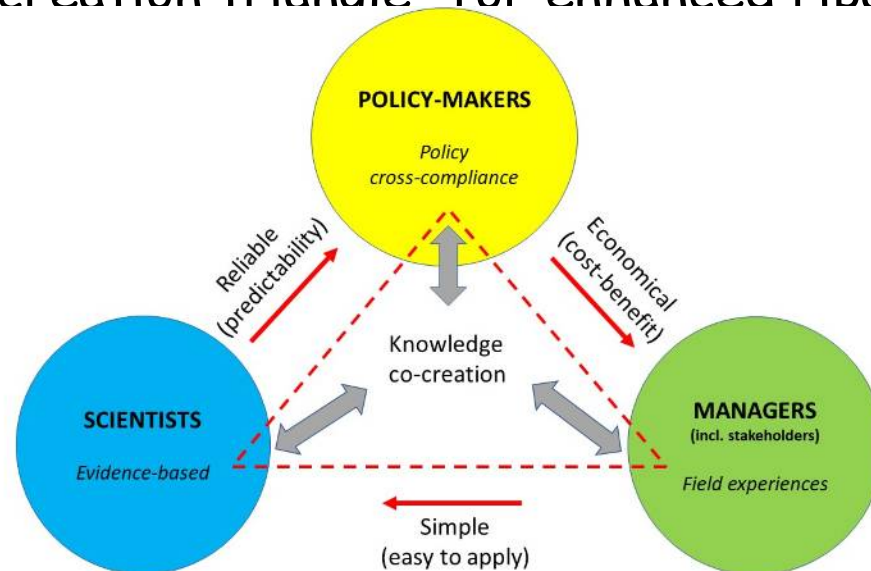
Riparian zones – from policy neglected to policy integrated

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Policy brief

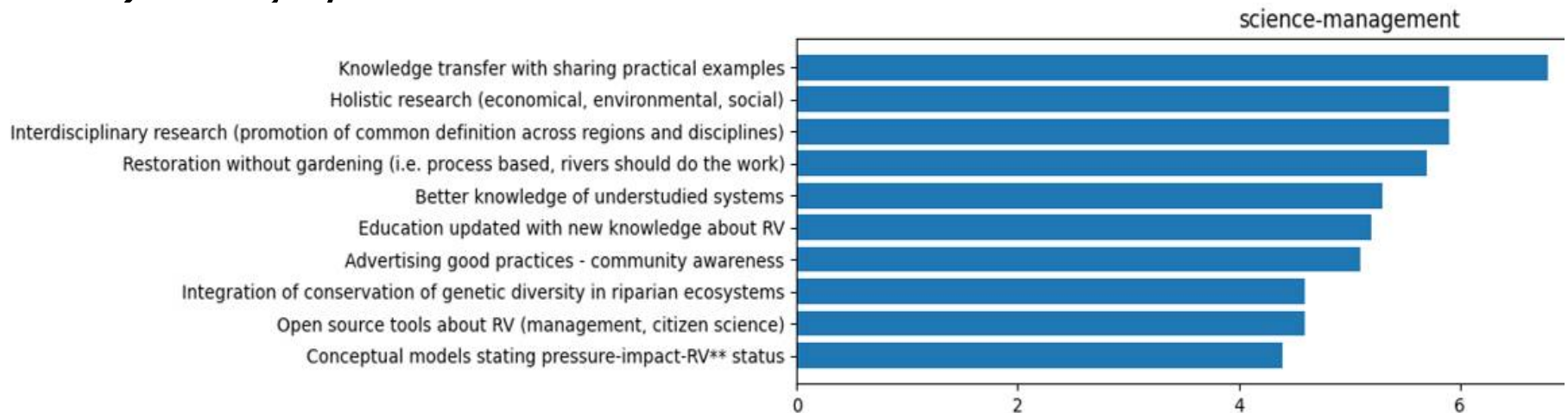


- 1) Five key messages
- 2) Not just for policy-makers but also for scientists, managers and stakeholders
- 3) "Knowledge co-creation triangle" for enhanced riparian zone management.



User Guidance

- 1) Several solutions related to science-management group
- 2) 10 highly ranked solutions

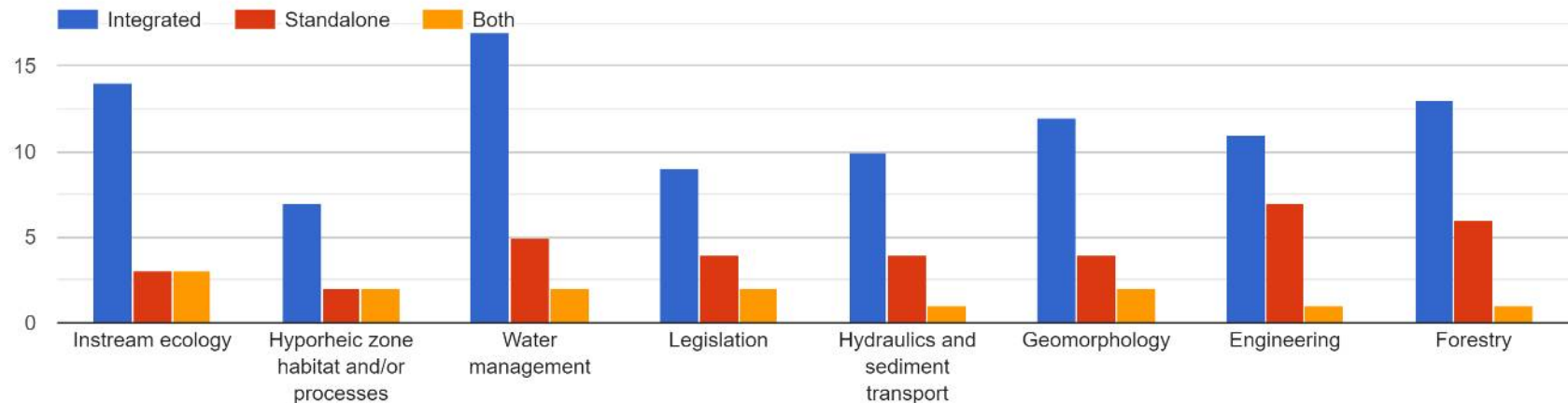


- 3) Emphasize on the implementation of solutions with examples

Manifesto: What to include in teaching programs?

1) Questionnaire - What is taught?

- 51 answers - 37 studying programs (BSc, MSc, PhD)
- Main subjects included in the studying programs:



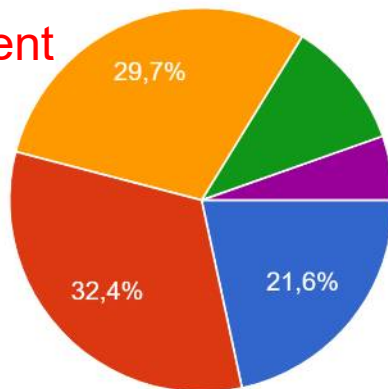
Manifesto: What to include in teaching programs?

1) Questionnaire - What is taught?

- Management and legislation in the studying programs:

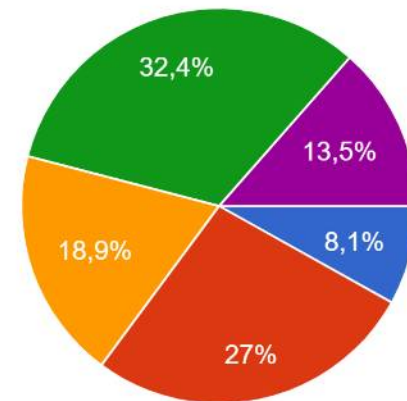
Management

N=37



Legislation

N=37



Manifesto: What to include in teaching programs?

- 1) Knowledge transfer (including by teaching) is a key pillar of the sustainability and human well-being.
- 2) Teachers have a central role in the knowledge transfer.
- 3) New knowledge is emerging daily.
- 4) Teachers need to be educated about the importance of the riparian zones for human well-being.
- 5) It is not just about teaching at the high-university level.
- 6) Adoption of the "early start learning" (kindergarten, primary school).
- 7) Adoption of the "life-long learning" (for teachers and others).
- 8) Teaching tools (e.g., IT tools) offer several opportunities, but...

COST Converges Experience



