



# An overview on risk perceptions and social acceptance of CCS: a missing piece of the puzzle

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# Background

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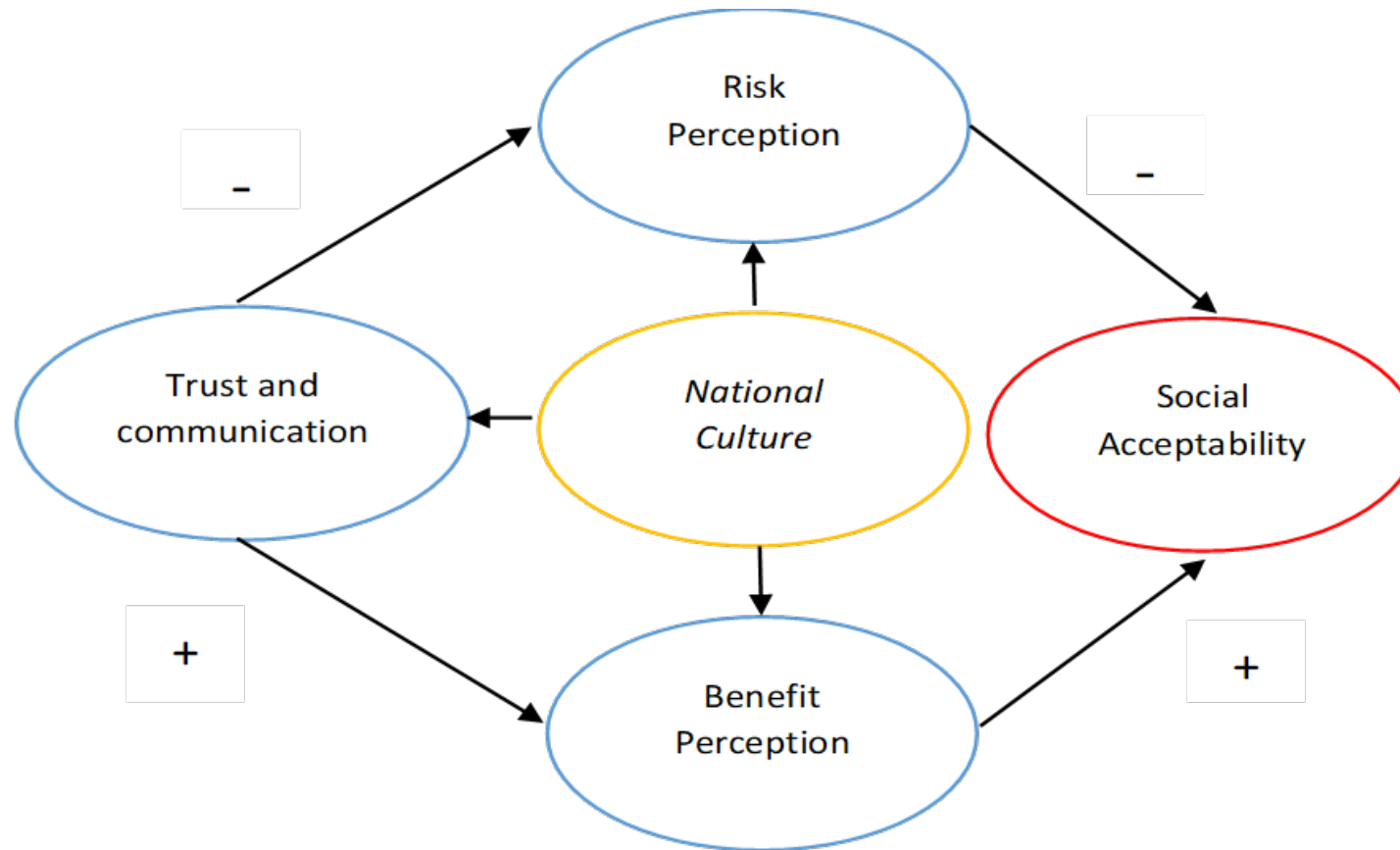
- Acceptance of CCS amongst the public and experts will considerably affect the development of the technology
- The focus is mainly on the public and their understanding of the technology: experts are considered as unbiased and rational stakeholders
- There are considerable oppositions to and/or adopting different perceptions of CCS among various stakeholders
- It is important to understand the diversity of perceptions and their roots for all stakeholders not only the public

# Factors influencing risk perceptions of CCS

- Trust
- Communication
- Community characteristics
- Culture
- Legal framework



# Emergence of social acceptability





# Social acceptance vs. social acceptability



# Conclusive remarks

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- Consideration of social factors is important in the development of CCS
- This should not be underestimated during the policymaking and deployment of projects
- We recommend industrial stakeholders and policymakers to consult these matters in every step during the planning of a project
- We suggest that future studies should shift from studying social acceptance to social acceptability



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Further reading:

[SOCIO-CULTURAL FACTORS IN RISK PERCEPTIONS  
OF CARBON CAPTURE AND STORAGE](#)

Thank you!

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