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Transdisciplinary communication and stakeholder integration in climate change adaptation - a systematic literature review

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Adaptation to climate change is a complex, solution-oriented process of decision making, which requires communication and stakeholder engagement across different fields and disciplines. What roles do transdisciplinary communication and stakeholder engagement play in climate change adaptation? What approaches are used to integrate different stakeholder groups (for instance, scientists, policymakers, business professionals and civil society) in climate change research and adaptation processes (for example, design, development and implementation processes)? How could transdisciplinary communication be enhanced in order to share climate change adaptation knowledge and information between scientists and stakeholders? This ongoing research aims to answer these questions by reviewing the existing scientific literature on transdisciplinary communication in a variety of disciplines and specialties. The research outcomes aim to present an overview of approaches, benefits, and good-practice-examples of integrating science and practice in transdisciplinary communication in various processes of climate change adaptation.

Keywords: climate change adaptation, trans-disciplinary, communication, stakeholders, stakeholder engagement, integrated research