



Evaluating Co-Creation of Knowledge: Quality Criteria and Indicators

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Decision makers in business, politics and administration need appropriate, sound and reliable information on climate change (and its impacts). Numerous public and private climate service providers currently offer corresponding information products, which include data sets, maps, tools, methods, web-portals and more. How can the quality of a climate service product be assessed? This question becomes more and more important, since the increasing number of providers is leading to an unmanageable variety of climate services of different quality. On the other hand, climate service providers themselves want to ascertain if they operate successfully.

Since climate services are used to integrate the users in research and development activities (co-creation), already existing evaluation methods for basic research will have to be widened.

In other fields of transdisciplinarity - such as health care - the evaluation of quality in terms of service, product, and management processes is already established. In climate services, however, evaluation is still in a very early stage. It includes, but is not limited to, assessments on the process of research and development, on the quality of results, and on socio-economic impacts.

The talk will present results of a comprehensive and interdisciplinary literature analysis on indicators to evaluate co-creation of knowledge. We describe evaluation indicators already being documented in the whole range of fields, where co-production and co-design is already taking place. A special focus is lying on aspects of social-ecological research and stakeholder engagement in climate change adaptation.

As an outcome we show what can be deduced from already existing methodology and try to envisage how climate service can develop its own special evaluation methods.