

WHY COLLABORATION MATTERS FOR THE ENVIRONMENT: TOWARDS A MODE 3 OF KNOWLEDGE PRODUCTION IN ENVIRONMENTAL SCIENCE

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Abstract

Contemporary knowledge production has been recognized having two trends: Increased collaboration between university and other sectors and increasing emphasis on the relevance of research. Environmental problems, due to their complexity, often require collaboration between scientists and non-academics, but the collaboration itself can become a challenge. During a four year PhD project these issues were explored, considering both the micro level of interaction and the general trend of environmental science in Sweden. Rather than a triple helix and a Mode 2 this can be described as a Mode 3 of science. In Mode 3 different ideas for knowledge production coexist and also consider the natural environment as an important part of this. During the research process a model for collaboration was developed with the emphasis on dialogue and interaction between sectors. This model can be used to be able to define common goals and can form a common meeting ground for environmental scientists and non-academic participants.

Keywords

Collaboration, Triple helix, Mode 3, Interactive research, Environmental science