

Building a climate knowledge co-production dialogue: an implicated science experience

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This work examines the experience of building a climate knowledge co-production dialogue in the frame of CLIMAX project (Climate Services Through Knowledge Co-Production: A Euro-South American Initiative For Strengthening Societal Adaptation Response to Extreme Events) in Argentinean Chaco region. Considering epistemological symmetry as a standpoint and “co-production” as a particular knowledge production device, we will analyze this specific process of engaging local agricultural climate knowledge systems and atmospheric sciences knowledge system. We will present first, our epistemological framework proposal named “implicated science” (Althabe et Hernández, 2004). This framework guides the whole co-production process and the project’s conception of “co-production cycles”, requiring a situated dialogue context to match jointly identified needs and practices for agriculture sector with scientific interests and capabilities. Secondly, we will account for five different co-production strategies employed throughout the project first two years experience. Each strategy involved different kind of scenarios and actors of the co-productive cycle as well as different modes of communication among natural scientists, social scientists, operational meteorological services, agriculture experts and producers as well as other local actors interested in CLIMAX proposal. Thirdly, basing on this experiences, (i.e: anthropological fieldwork, disciplinary and transdisciplinary meetings, prototypes co-designing and co-production meetings, local workshops) we will depict how each of this interactions gradually allowed or suppressed the articulation among diverse disciplines, local actors and institutions and their mutual engagement in a co-productive dialogue leading towards the process of building a local rainfall monitoring network. Last, but not least, we will reflect on co-production implications within local social relationships of CLIMAX Project presence and proposals from an anthropological perspective, i.e: its impact on social power relations, empowerment situations, economic implications, social inequalities, etc. and therefore the ethic dimensions of co-productive work.

Key words: Knowledges, Co-production, Transdisciplinary, Implication (maximum 5)

References

Althabe, G., and V. Hernandez, 2004: *Journal des anthropologues*, **98-99**, 15-36.