



Session 1: Innovating a New Knowledge Base for Water Justice Studies: Hydrosocial, Sociohydrology, and Beyond

Pasts and futures of hydrochemosocial waterscapes: oral history, chemoethnography and speculative photo-response fabulation with Swiss Jura farmers

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While debates around two popular initiatives in Switzerland have been increasingly problematizing water pollution as mainly a consequence of agricultural practices, our geohistorical, visual and speculative research questions what is perceived as good quality waterscape. Participants, selected among farmers in the Jura mountain, explore how water, chemicals (as well as other polluting products) and social practices interact and co-create waterscapes. We combine oral history [1], chemoethnography [2] and speculative photo-response fabulation [3], inspired by interim politics of resourcefulness [4] and the scaling-down approach [5] to better understand the past and plausible futures of waterscapes. Our research aims to capture sociohistorical contexts and imaginations of futures to better recognize power relations in the shaping of hydrochemosocial waterscapes. This could inspire practitioners, such as farmers and beekeepers, as well as decisionmakers towards more just, equitable, and resilient waterscapes. Focusing on Swiss farmers' perceptions of waterscapes, we question: What do chemoethnography and oral histories tell us about power relations in the geohistorical constructs of waterscapes? Which futures are envisioned in speculative photo-response fabulation? How do practitioners address multispecies response-ability and water (in) justice, from their positionality, culture and spirituality?

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[4] Derickson, K. D. and MacKinnon, D., Toward an Interim Politics of Resourcefulness for the Anthropocene, *Annals of The Association of American Geographers* 105, 304(2015).

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