



Public Keynote

Thursday, July 19, 2018 at 18:00 pm, Alter Seminarraum (Deutsches Museum, Museumsinsel 1, 80538 München)

Bruce Lewenstein, Cornell University, Department of
Science & Technology Studies,
Visions of Citizen Science in the Anthropocene

Abstract: Citizen science has many origin stories, from 19th century weather observations to 20th century environmental concerns to 21st century big data opportunities. Each of these and many other stories emerges from a different vision of what non-experts contribute to the production of reliable knowledge about the natural, social, and constructed worlds. For some, scientific knowledge is fundamentally owned by and produced by democratic communities. For others, scientific knowledge is produced by experts drawing on and responsible to -- but fundamentally different from -- those democratic communities. And for others, scientific knowledge is something that must be wrested away from experts precisely because they do not respond to the needs of democracy. As that last story suggests, citizen science is sometimes the site of conflict between visions of reliable knowledge and visions of democracy, raising questions about which one should have primacy. As with understanding negotiations between experts and publics about "the Anthropocene," understanding competing visions of citizen science helps us understand the nature of expertise...and the nature of democracy.

Due to limited seating possibilities, we ask for prior registration by email:

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The lecture is part of the workshop ***Anthropocene and Citizen Science: Evidence Gained through the "Opening-Up" of Academic Knowledge Production?***

The workshop is organized by the two projects *Evidence Practices at the Interstice of Sciences, Humanities, and the Public: The Anthropocene Debate* and *Evidence in Citizen Science: Between Non-Certified Expertise, Professional Supervision and Mechanization*, which together form the tandem *Entanglement – Science Communities*. Both projects are part of the **DFG Research Group Practicing Evidence – Evidencing Practice** (<http://www.evidenzpraktiken-dfg.tum.de/en/>).