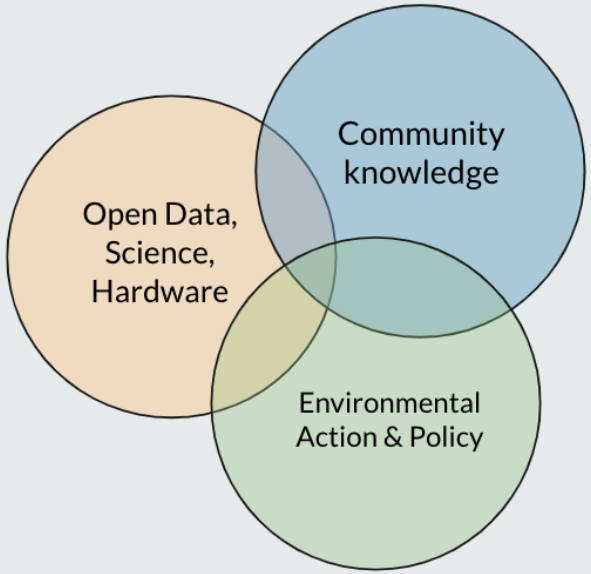
Building Environmental Data Commons + the Role of Data Access

Methods and Approaches from the Human Sciences: Best Practices Across Domains of Need

Shannon Dosemagen, Open Environmental Data Project, openenvironmentaldata.org

Why we do what we do



The impacts of environmental disasters and climate change affect everyone, but tend to fall on systematically mistreated and underrepresented communities.

Better data governance can make environmental knowledge **more easily accessible, understandable, and usable to everyone**—researchers, communities, government, journalists, lawyers, etc.

Open data systems can and should center communities—they're lived experiences, knowledge, needs, and capacities—empowering them and their allies to bring about environmental policy and action.

Beyond Compliance

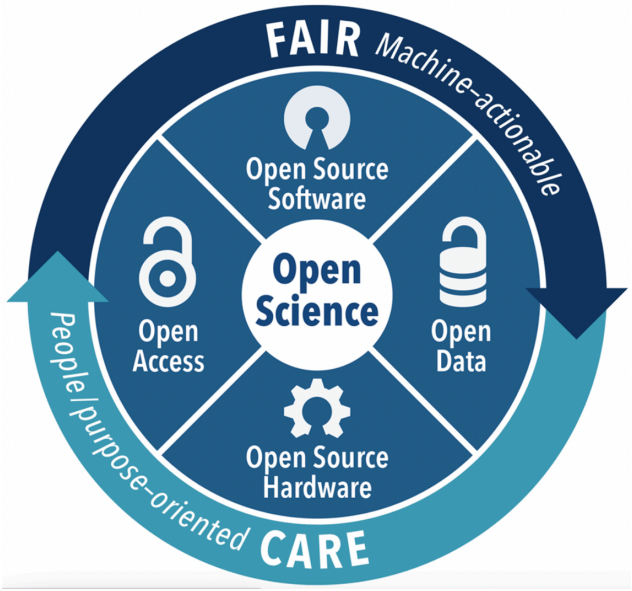
In our current era of climate crisis it is time to revisit the data policies and architecture of the past. We need to enable greater data sharing across public and private boundaries, including compliance data, in order to unlock new insights and innovations. With open source data analysis tools and data literacy increasing, we have the opportunity to engage a wide range of people and institutions in environmental stewardship and oversight.

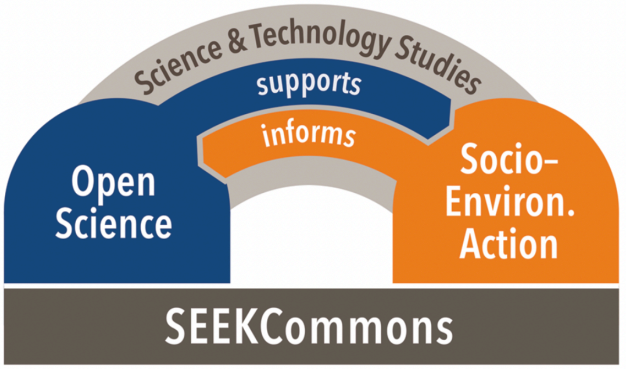
(More on this project at: https://www.openenvironmentaldata.org/pilot-type/beyond-compliance-network)

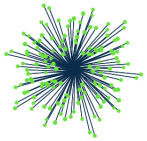
SEEKCommons
[Socio-environmental knowledge commons]

Creating a network dedicated to building pathways for collaborations across socio-environmental researchers and community partners, Science and Technology Studies (STS) researchers, and open science. Bio- and geo-physical studies of environmental dynamics have traditionally been siloed from social research. To create conditions for meaningful interdisciplinary interactions around social and environmental action, socio-environmental research projects will provide concrete data problems and datasets to be curated, documented, and widely shared with OS tools, while providing novel contexts to apply OS principles. Expert OS practitioners will contribute tools, methodologies, and ethical guidance on FAIR principles that, when translated and adapted to socio-environmental action research, can be well-understood and effectively used by community partners. STS research will provide translation and mediation between OS and socio-environmental action research groups to support community-based research.

(More on this project at: https://seekcommons.org/, this project is made possible by a National Science Foundation FAIROS RCN grant (Award 2226425)







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Shannon Dosemagen
@sdosemagen
shannon@openenvironmentaldata.org

Open Environmental Data Project
@OpenEnviroData
OpenEnvironmentalData.org

SEEKCommons
SeekCommons.org