

Profile for Energy Struggles project website

Gussai H. Sheikheldin



Bio:

Gussai works in SII (science, technology and innovation) policy research, design, implementation and evaluation. He has an interdisciplinary background and work (engineering technology, public policy and sustainable development), with specialties in technological change, development studies, sustainable design, renewable energy solutions, and institutional economics. He identifies as a technologist: a specialist devoted to the study, development and implementation of technological solutions within 'technosocial systems'—where people and technologies work in combined efforts that form functional frameworks.

Gussai holds a PhD from the University of Guelph (Canada), a Master of Engineering and Public Policy (MEPP), and a BSc. in Manufacturing Engineering Technology. Born in 1982, Sudan, Gussai seeks to understand and illuminate the dynamic interactions between technologies and institutions, at local and global scales, and how they influence social transformation and human worldviews. He is a research fellow with STIPRO (Science, Technology and Innovation Policy Research Organization), a think tank based in Tanzania.

Links to professional profile:

LinkedIn: <https://www.linkedin.com/in/gussai-h-sheikheldin-2303b041/>

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List of related publications (hyperlinked):

Kraemer-Mbula, Erika, Gussai Sheikheldin and Rungano Karimanzira. 2021. 'Southern Africa' in *UNESCO Science Report: the Race Against Time for Smarter Development*. Schneegans, S., T. Straza and J. Lewis (eds). Paris: UNESCO Publishing

Sheikheldin, Gussai. 2021. 'Dams and the Technology-Development Nexus: The Case of the GERD.' *African Arguments*, June 4th (Debating Ideas section, GERD series).

Sheikheldin, Gussai H and Devlin, John F. 2019. "Agents of Technology Localization in East Africa: Case Studies of Social Enterprises in Tanzania." *Forum for Development Studies*, Vol. 46(2): 321-346.

Sheikheldin, Gussai. 2018. *Liberation and Technology: Development Possibilities in Pursuing Technological Autonomy*. Dar es Salaam: Mkuki na Nyota Publishers.

Sheikheldin, Gussai, Diyamett, Btrina and Makundi, Hezron. 2018. 'Energy policy for industrialization: Tanzania's big development challenge'. Published Dec 2nd on *GlobalDev* (online scholarly platform, edited and translated to French and Spanish).