



## Dr. Sagarmoy Phukan

### Research Fellow

*Emerson Centre of Excellence for Sustainability  
Studies*

*TERI School of Advanced Studies*

### Interest Areas:

Climate change adaptation and mitigation; Air pollution and urban sustainability; Citizen science and participatory governance; Monitoring, evaluation, and impact assessment; Net-zero transitions and institutional sustainability

**What I believe in** - We don't inherit the Earth from our ancestors, we borrow it from our children

**LinkedIn** - [Sagarmoy Phukan | LinkedIn](#)

Dr. Sagarmoy Phukan is a Research Fellow at the Emerson Centre of Excellence for Sustainability Studies, TERI School of Advanced Studies. His research lies at the intersection of **air pollution, climate science and policy, citizen science, and participatory governance**, with a strong emphasis on translating scientific evidence into actionable policy and institutional frameworks.

At CoE, Dr. Phukan is currently engaged in nationally and internationally significant projects, including the **IPSA–Kumbh (Maha Kumbh 2025)** initiative, where he contributed in developing **DPSIR-based monitoring and evaluation (M&E) guidelines for WaSH infrastructure at mass gatherings**, in collaboration with IIT-BHU, IIT-Roorkee, and Hokkaido University. He is also contributing to the development of a **Net-Zero Transition Framework for Higher Education Institutions (HEIs) in India**, aimed at guiding academic institutions towards climate-aligned pathways.

Dr. Phukan has extensive experience in **quantitative and qualitative data analysis, stakeholder engagement, monitoring and evaluation, and policy development**. He has previously worked on projects related to **urban air pollution, climate-resilient and inclusive cities, public health, green social prescribing, and environmental impact assessment**, both in India and the United Kingdom. His professional journey includes research and teaching roles at TERI-SAS, the University of York, and applied consultancy experience in environmental impact assessment for major industrial projects.

He holds a **PhD in Environment and Human Geography** from The Stockholm Environment Institute at York, University of York, where his doctoral research focused on developing a **policy roadmap for promoting ecological and environmental citizen science in India**, using systematic reviews, meta-analysis, and hybrid policy assessment frameworks. He also holds an **MSc in Climate Science and Policy** from TERI School of Advanced Studies and a **BSc (Hons.) in Zoology from Ramjas College, University of Delhi**.

In addition to his research, Dr. Phukan contributed to **postgraduate teaching, thesis supervision, policy reports, and public outreach**, and has presented his work at leading national and international conferences. His research outputs include peer-reviewed journal articles, working papers, and policy reports, with several manuscripts currently under review in international journals.