



Contribution ID: 256

Type: **Session**

Bridging Data Gaps with Citizen Science for People and Policy

Thursday 16 October 2025 11:00 (1h 30m)

**

Bridging Data Gaps with Citizen Science for People and Policy

**

There abound evidences to demonstrate how citizen science is making efforts to bridge data gaps for people and policy. In the last few years, the CODATA-WDS Task Group (TG) on Citizen Science for the Sustainable Development Goals has prioritized global report of citizen-generated data use and connection to SDG indicators. This entails documenting the characteristics, quality, ethics, and sustainment of citizen-generated data in Africa, Asia, Oceania and Latin America in the official monitoring of the SDGs. The relevance of this panel session is the recognition of the importance of representation in reporting, especially on marginalized and vulnerable populations. Some countries are leading efforts to prioritize inclusive community participation in monitoring through intentional engagement and subsequent civic outcomes with action to support progress. This session shall demonstrate the use of citizen-generated data through case studies of underrepresented groups (e.g., slum, refugee, extreme poverty, Pacific island communities) in relation to global challenges (e.g. health, flooding, biodiversity monitoring, etc.) for different cases and regional contexts.

Our proposed session fits into Theme 4: Empowering the global data community for impact, equity, and inclusion.

The panel session shall consist of high quality invited papers and case studies in line with the objectives of the CODATA_TG as follows:

Session Introduction: Peter Elias (Co-Chair, University of Lagos & CODATA Task Group on Citizen Science for the SDGs)

Part One: Citizen Generated Data, SDG Indicators and Progress on SDGs

Lead Paper: Challenges and Opportunities of incorporating Citizen Science in SDGs by Carolynne Hultquist Co-Chair CODATA Task Group on Citizen Science for the SDGs & University of New Zealand

Copenhagen Framework and Citizen Science for Policy –Emerging Opportunities. Presenter - Haoyi Chen, United Nations Statistical Division

Sustainable Development Solutions Network –Citizen science/citizen-generated data towards inclusive impact at local and global level. Presenter - Maryam Rabbie, SDG Today, New York, USA

Part Two: Regional landscapes of citizen-generated data priorities

How Citizen Science is Shaping Progress for SDGs - Example of SDG 14.1.1 (Marine Litter in Ghana). Presenter - Dilek Fraisl, Executive Director, Citizen Science Global Partnership

Ensuring Citizen Science and Political Voice in Issues of Marine Equity: Sharing Lessons from the Nippon Foundation Fellowships –Presenter - Yoshi Ota (Designated Fellow) & E.M. Faustman

Report from Africa - Kehinde Baruwa & Peter Elias (Lagos Urban Studies Group, University of Lagos)

Report from Oceania –Carolynne Hultquist

Report from Latin America –Amanda Mayte Vilchez (Cornell University, USA) & Karen Soacha (EMBIMOS Research Group (ICM-CSIC) CitSci - Environmental and Sustainability Participatory Information System)

Report from Asia - Yaqian Wu (University College, London, UK)

Discussion and Next Steps

Wrap up

Primary authors: Ms VILCHEZ, Amanda (Cornell University); Dr HULTQUIST, Carolynne (University of Canterbury); Dr FRAISL, Dilek (Citizen Science Global Partnership); Dr FAUSTMAN, Elaine (University of Washington); Dr SOACHA, Karen (EMBIMOS Research Group (ICM-CSIC) CitSci - Environmental and Sustainability Participatory Information Systems); Mr BARUWA, Kehinde (University of Lagos); Dr RABBIE, Maryam (Sustainable Development Solutions Network); Ms SHONOWO, Oluwatimilehin (University of Glasgow); Dr ELIAS, Peter (University of Lagos); Ms WU, Yaqian (University College London)

Presenter: Ms SHONOWO, Oluwatimilehin (University of Glasgow)

Track Classification: SciDataCon2025 Specific Themes: The Transformative Role of Data in Sustainable Development Goals and Disaster Resilience