

57th IAA SYMPOSIUM ON SAFETY, QUALITY AND KNOWLEDGE MANAGEMENT IN SPACE  
ACTIVITIES (D5)

Emerging trends of knowledge management in organizations (2)

Author: Ms. Kaitlyn Holm  
University of Pennsylvania, United StatesTHIS IS THE WAY: BEST PRACTICES IN EMPOWERING DEVELOPING COUNTRIES TO USE  
SPACE DATA**Abstract**

The data we can derive from space is an incredible asset, especially in context of the world's most complex challenges like climate change, food security, and improving equity. This session bridges the gap between what is technically feasible and what is needed to make actionable decisions for sustainable development. This paper explores the ability of open data and space technology to reduce the global digital divide and ensure that the promise of the future is available to everyone.

Key practices were collected in a workshop at an earlier IAC that represents impactful work going on in the global South and elsewhere using media, training, outreach, and capacity building to help journalists, researchers, and the general public make use of space data. This paper highlights real-world examples of how users are using Earth observation data to address key societal issues at multiple scales within a developing country context, and demonstrates the demand for these data and identify key issues around access, capacity, and policy. A toolkit and resources are provided based on contributions from, among others, NASA, ESA, UNHCR, Open Street Maps, government officials, Open Data Collaboratives, and Development Seed.