

Requirements and Enabling Tools for Implementing the Sustainable Development Goals (SDGs) in Urban Settings

Panel: Legal and Organizational Perspectives

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Assumptions:

To enhance achievement of SDGs in urban settings, geospatial data infrastructure will:

- be deployed electronically
- involve networks and distributed user access
- engender many of the same legal issues common to cyberinfrastructure generally

Typical cyberinfrastructure legal issues:

- intellectual property rights
- privacy rights
- security, encryption, and management practices
- hacking and other cybercrimes
- rights of citizen access to gov't data
- controlling private power
- licensing and contracts
- liability in the provisioning of data and online services
- jurisdiction over disputes

Intellectual Property Rights

Recommendation: government SDIs should claim no such rights in SDI data

Reference:

Doldirina, C., Eisenstadt, A., Onsrud, H., & Uhler, P. (2016). Legal Approaches for Open Access to Research Data. LawArXiv.

<http://doi.org/10.17605/OSF.IO/N7GFA>

Personal Information Privacy

Why important?

- pervasive data collection creates chilling effect on willingness to question authority
- privacy critical to maintaining tenable democratic societies
- purpose of pervasive collection is to manipulate the individual, not improve your ability to act and decide
- human and social worth increasingly measured by data profiles, not by human interaction and your potential
- those with unfavorable data profiles spiraling down a future of fewer societal opportunities

Greatest Challenge to Personal Data Protection

Controlling the global commercial sector

Recommendation 1: Impose European law to protect European citizens wherever located to make that law the growing global norm.

Recommendation 2: Open access SDIs provide great benefits to local citizens and are minimally privacy invasive. Common sense government protections of sensitive data have proven adequate.