



Location Powers: Data Science

Session 5 Summary Actions to Take

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Session 5: Actions to Take



- Moderator: Nadine Alameh, OGC
- Rapporteur: Adam Martin, Esri

- Satoshi Sekiguchi, Presentation:
 - When HPC met AI - Next generation of Geospatial Intelligence powered by the ABCI
- Andy Brooks presentation:
 - Designing the Future of Data Science
- Panel on Actions
 - Patrick Griffiths, ESA - Perspective: Earth Observation data and analytics supporting policy and geospatial industries
 - Jeanne Holm, City of Los Angeles - Perspective: Building a Generation of Government Data Scientists
 - Stephanie Shipp, U. of Virginia - Perspective: Harnessing the Power of Data to Support Community Health and Well-Being

Session 5 – 1. What Works



- **Government investments in infrastructure to accelerate use of AI**
 - Provide infrastructure to experiment and accelerate AI across user types
 - EO - Optical & SAR integration fusion
 - Providing pixel-based access to analysis-ready data (Tellus, ESA)
- **Using AI to Automate Policy Compliance (e.g. EU agricultural policy)**
 - **Enforce Policy:** Unlocking Ag Compliance automation with new Sentinel global
- **Training Data Scientists within Organization:** Implementing hub & spoke model to ensure diversity of perspectives and model validation (NGA)
- **Government/University Data Science Partnerships** – Data Science Federation (LA/UCLA) and Data Science for Public Good program (UVA)

Session 5 – 2. Open Questions



- What standards are needed for training data and reference data, as well as specs to allow exchange and exploration?
- Are the Data-Use Code of Ethics / Values the geo community should shape or adopt? (e.g. LA Data Bill of Rights)
- How can we lower barriers for Private Sector Data sharing for research and non-profit community?
- How do we accelerate the population of better metadata?

Session 5 – 3. Next Steps



- Create reference and training data (dataset specs)
- Ensuring standard metadata for data license types (think WKT for licenses) get adopted to Schema.org
- Keep Convening! Work on bringing more private sector data providers to the table