

## List of Presentations and Other Activities by CIESIN staff at the Fall 2017 AGU Meeting:

### Oral presentations:

- PA11C-09: Measuring the Interdisciplinary Impact of Using Geospatial Data with Remote Sensing Data, by R. Downs, R. Chen, and J. Schumacher. Monday, 11 December 2017: 08:00 - 10:00 in PA11C: Methods for Assessing the Impact and Value of Earth Observations and Geospatial Data for Decision Making.
- IN11F-03: The NASA Distributed Active Archive Center Experience in Providing Trustworthy Digital Repositories, by A. de Sherbinin, R. Downs, and R. Chen. Monday, 11 December 2017; 08:00 - 10:00 in IN11F: Trustworthy Data Repositories to Increase the Visibility and Value of Your Research Data.
- IN12B-05: Optimizing Data Center Services to Foster Stewardship and Use of Geospatial Data by Heterogeneous Populations of Users, by R. Downs, R. Chen, and A. de Sherbinin. Monday, 11 December 2017: 10:20 - 12:20 in **IN12B**: Earth and Environmental Data Repositories: Considerations for Choosing the Most Appropriate II.
- PA22A-03: Mapping the Human Planet: Integrating Settlement, Infrastructure, and Population Data to Support Sustainable Development, Climate, and Disaster Data Needs, by R. Chen, A. de Sherbinin, G. Yetman, and R. Downs. Tuesday, 12 December 2017; 10:20 - 12:20 in PA22A: Earth Observations in Support of the Sustainable Development Goals (SDGs), the Paris Agreement, and the Sendai Framework for Disaster Risk Reduction I
- IN31F-01: Race, Income Inequality, and Impervious Surfaces in Relation to Flooding Associated with Hurricane Harvey, by A. de Sherbinin, O. Borkovska, and J. Mills. Wednesday, 13 December 2017; 08:00 - 10:00 in IN31F: Examining Societal Impacts of the 2017 Atlantic Hurricane Season: Informatics and Engineering.
- U41A-05: Core Certification of Data Repositories: Trustworthiness and Long-Term Stewardship, by M. Mokrane and A. de Sherbinin. Thursday, 14 December 2017 08:00 – 10:00 in U41A: How Safe and Persistent Is Your Research?
- IN51H-06: Improved Mapping of Human Population and Settlements through Integration of Remote Sensing and Socioeconomic Data, by A. de Sherbinin, G. Yetman, K. MacManus, and S. Vinay. Friday, 15 December 2017; 08:00 - 10:00 in IN51H: Where We Live and Work: Improving Data and Models for Human Settlements, Infrastructure, and Population Distribution II: Methods and Sources.
- IN53C-07: Making Energy-Water Nexus Scenarios more Fit-for-Purpose through Better Characterization of Extremes , by G. Yetman, M. Levy, R. Chen, et al. Friday, 15 December 2017; 13:40 - 15:40 in IN53C: Data and Tools for Knowledge Discovery Around the Energy-Water Nexus II.

### SEDAC staff prepared or contributed to the following poster presentations:

- PA11A-0206: Enabling Data Access for Environmental Monitoring: SERVIR West Africa, by G. Yetman and A. de Sherbinin. Monday, 11 December 2017; 08:00 - 12:20 in PA11A: Building Sustained Capacity to Use Earth Observations to Enhance Environmental Management Decisions, Actions, and Policy II Posters.
- IN43A-0059: Digital Repositories and the Question of Data Usefulness, by John S. Hughes and Robert R. Downs. Thursday, 14 December 2017; 13:40 – 1800 in IN43A: Research Integrity, Reproducible Science, and Quantifying Return on Investment in Data and Software Management I Posters
- IN43A-0061: Development of a Data Citations Database for an Interdisciplinary Data Center, by R. Chen, R. Downs, J. Schumacher, and A. Gerard. Thursday, 14 December 2017; 13:40 - 18:00 in IN43A: Research Integrity, Reproducible Science, and Quantifying Return on Investment in Data and Software Management I Posters.

- SEDAC staff convened, co-convened, and/or co-chaired the following AGU sessions:
  - ED21B: Demonstrations, Hands-on Activities, and Simple Measurements for Education I Posters. R. Downs (co-convenor, co-chair). Tuesday, 12 December 2017; 08:00 - 12:20.
  - GC21K: People and Pixels 20th Anniversary: Advances in the Use of Remote Sensing in Social Science, Public Health, and Air Quality Applications I. Tuesday, 12 December 2017; 08:00 - 10:00.
  - NH34C: The 2017 Hurricane Season: Remote Sensing, Informatics, Society and Engineering, and Hydrology Perspectives Lightning Session. Wednesday, 13 December 2017; 16:00-18:00.
  - IN51H: Where We Live and Work: Improving Data and Models for Human Settlements, Infrastructure, and Population Distribution II: Methods and Sources. R. Chen (convenor); G. Yetman (co-convenor, co-chair). Friday, 15 December 2017; 08:00 - 10:00.
  - IN52B: Where We Live and Work: Improving Data and Models for Human Settlements, Infrastructure, and Population Distribution III: Needs and Applications. R. Chen (convenor, co-chair); G. Yetman (co-convenor). Friday, 15 December 2017; 10:20 - 12:20.
  - IN53C: Data and Tools for Knowledge Discovery Around the Energy-Water Nexus II. R Chen (co-convenor). Friday, 15 December 2017; 13:40 - 15:40.
  - N53A: Where We Live and Work: Improving Data and Models for Human Settlements, Infrastructure, and Population Distribution I Posters. R. Chen (convenor, co-chair); G. Yetman (co-convenor, co-chair). Friday, 15 December 2017; 13:40 - 18:00.