**APPENDIX: Fall AGU 2018 Sessions, Papers, and Presentations with CIESIN Staff Participation**

*Tuesday, 11 December*

- **Abstract Title:** The Essential Role of Socioeconomic Data in Cross-Disciplinary Integration of Data, Services, and Systems  
  **Final Paper Number:** IN21A-04  
  **Presentation Type:** Oral  
  **Session Date and Time:** Tuesday, 11 December 2018; 08:00 - 10:00  
  **Presentation Length:** 08:40 - 08:50  
  **Session Number and Title:** IN21A: Integrating Data and Services in the Earth, Space, and Environmental Sciences Across Community, National, and International Boundaries I  
  **Location:** Convention Ctr; 209A-C  
  **Presenting Author:** R. Chen

- **Abstract Title:** A Reusability Assessment of Recommended Software Solutions for Improving the Quality of Earth Science Data Products and Services  
  **Final Paper Number:** IN21B-05  
  **Presentation Type:** eLightning  
  **Session Date and Time:** Tuesday, 11 December 2018; 08:00 - 10:00  
  **Presentation Length:** 08:13 - 08:16*  
  **Session Number and Title:** IN21B: Free and Open-Source Technologies for Advancing Earth and Space Sciences I eLightning  
  **Location:** Convention Ctr; eLightning Theater II  
  **Presenting Author:** R. Downs

- **Abstract Title:** Disaggregation of Insurance Portfolios for Re-Insurance Pricing using EO-based Building Inventories  
  **Final Paper Number:** PA22A-13  
  **Presentation Type:** Oral  
  **Session Date and Time:** Tuesday, 11 December 2018; 10:20 - 12:20  
  **Presentation Length:** 11:45 - 11:52  
  **Session Number and Title:** PA22A: Connecting Earth Sciences and Risk Financing and Transfer: Case Studies on Integration and Application of Earth Observations in the Insurance Sectors  
  **Location:** Marriott Marquis; Marquis 3-4  
  **Co-Authors:** G. Yetman

- **Abstract Title:** Using Earth Observations to Improve Global Fundamental Geospatial Data Themes Vital to Sustainable Development  
  **Final Paper Number:** PA23A-03  
  **Presentation Type:** Oral  
  **Session Date and Time:** Tuesday, 11 December 2018; 13:40 - 15:40  
  **Presentation Length:** 14:04 - 14:16  
  **Session Number and Title:** PA23A: Earth Observation Applications in Support of Global Policy Frameworks I  
  **Location:** Marriott Marquis; Marquis 3-4  
  **Presenting Author:** R. Chen

- **Session Number:** ED23C  
  **Session ID and Title:** #46573, Demonstrations, Hands-on Activities, and Simple Measurements for Education Posters  
  **Session Type:** Poster  
  **Date and Time:** Tuesday, 11 December 2018; 13:40 - 18:00  
  **Location:** Hall A-C (Poster Hall)  
  **Co-chair:** R. Downs
Wednesday, 12 December

- **Abstract Title:** Science Tools for Sea Level Rise and Flood Preparedness in New York
- **Final Paper Number:** PA24A-02
- **Presentation Type:** Oral
- **Session Date and Time:** Tuesday, 11 December 2018; 16:00 - 18:00
- **Presentation Length:** 16:22 - 16:36
- **Session Number and Title:** PA24A: Implementing Science Tools for Cities and Climate I
  - **Location:** Marriott Marquis; Marquis 3-4
  - **Presenting Author:** K. MacManus

**Abstract Title:** Climate Information for Climate Change Adaptation Planning in Information-Constrained Environments: Examples from Coastal West Africa.
- **Final Paper Number:** PA31B-1486
- **Presentation Type:** Poster
- **Session Date and Time:** Wednesday, 12 December 2018; 08:00 - 12:20
- **Session Number and Title:** PA31B: Communicating Weather and Climate Information for Decision-Making in Resource-Constrained Environments Posters
- **Location:** Convention Center; Hall A-C (Poster Hall)
- **Presenting Author:** S. Trzaska

**Session Number:** IN33B
**Session ID and Title:** #50045, Boundaries, Buildings, and ’Burbs: Foundational Geospatial Data to Support Sustainable Development, Geohealth, Hazard, and Climate Applications II Posters
- **Session Type:** Poster
- **Date and Time:** Wednesday, 12 December 2018; 13:40 - 18:00
- **Location:** Hall A-C (Poster Hall)
- **Co-chair:** R. Chen

- **Abstract Title:** ‘Leave No-One Behind’ - Estimating and Mapping Populations in Off-Grid and Hard-to-Reach Places in Mangrove Areas of West Africa
  - **Final Paper Number:** IN33B-3065
  - **Presentation Type:** Poster
  - **Session Date and Time:** Wednesday, 12 December 2018; 13:40 - 18:00
  - **Session Number and Title:** IN33B: Boundaries, Buildings, and ’Burbs: Foundational Geospatial Data to Support Sustainable Development, Geohealth, Hazard, and Climate Applications II Posters
  - **Location:** Convention Center; Hall A-C (Poster Hall)
  - **Presenting Author:** S. Trzaska

- **Abstract Title:** Anticipating and Planning for the National Security Implications of Hydrologic Extremes
  - **Final Paper Number:** GC33B-05
  - **Presentation Type:** Oral
  - **Session Date and Time:** Wednesday, 12 December 2018; 13:40 - 15:40
  - **Presentation Length:** 14:20 - 14:30
  - **Session Number and Title:** GC33B: How Can Global Change Research Inform National Security Decision-Making? I
  - **Location:** Convention Ctr; Salon C
  - **Co-authors:** R. Chen, M. Levy, E. Schnarr

Thursday, 13 December

- **Abstract Title:** Buildings, Borders, and “Burbs”: Mapping Our Human Planet
  - **Presentation Type:** NASA Flash Talk
  - **Session Date and Time:** Thursday, 13 December 2018; 13:00 – 14:47
  - **Presentation Length:** 14:40-14:47
  - **Location:** NASA Exhibit Booth #1034
  - **Presenter:** R. Chen
- **Abstract Title:** Trends in Standards for Digital Repositories - Data Usefulness  
  Final Paper Number: IN41E-0883  
  Presentation Type: Poster  
  Session Date and Time: Thursday, 13 December 2018; 08:00 - 12:20  
  Session Number and Title: IN41E: Research Data Management: Developing Standards for Data Usability and Trust and Building Capacity with Targeted Data Training for the Research Team Posters  
  Location: Convention Center; Hall A-C (Poster Hall)  
  Co-author: R. Downs

- **Abstract Title:** Data Quality Recommendations for Data Producers and Distributors: Outcomes from the NASA ESDSWG Data Quality Working Group  
  Final Paper Number: IN43C-0922  
  Presentation Type: Poster  
  Session Date and Time: Thursday, 13 December 2018; 13:40 - 18:00  
  Session Number and Title: IN43C: FAIR Data is Not Enough: Communicating Data Quality and Making Analytical Code FAIR Posters  
  Location: Convention Center; Hall A-C (Poster Hall)  
  Co-author: R. Downs

- **Abstract Title:** Detailed Settlement and Population Mapping: The High Resolution Settlement Layer  
  Final Paper Number: IN44A-09  
  Presentation Type: Oral  
  Session Date and Time: Thursday, 13 December 2018; 16:00 - 18:00  
  Session Number and Title: IN44A: Boundaries, Buildings, and 'Burbs: Foundational Geospatial Data to Support Sustainable Development, Geohealth, Hazard, and Climate Applications I  
  Location: Convention Ctr; 209A-C  
  Presenting Author: G. Yetman

**Friday, 14 December**

- **Abstract Title:** Integrated Earth and Socioeconomic Data to Enable Decisions for Disaster Preparedness and Response  
  Final Paper Number: PA51B-0773  
  Presentation Type: Poster  
  Session Date and Time: Friday, 14 December 2018; 08:00 - 12:20  
  Session Number and Title: PA51B: Enhancing Environmental Management Decisions, Actions, and Policy by Building the Capacity to Use Earth Observations Posters  
  Location: Convention Center; Hall A-C (Poster Hall)  
  Presenting Author: R. Downs/K. MacManus

- **Session Number:** IN52B  
  **Session ID and Title:** #60501, Tools, Recommended Practices, Evaluation Efforts, and Persistent Identifiers to Improve the Publication, Stewardship, and Impact of Research Data, Software, Workflows, Services, and Repositories I  
  **Session Type:** Oral  
  **Date and Time:** Friday, 14 December 2018; 10:20 - 12:20
Location: Convention Ctr; 206
Co-Chair: R. Downs

- **Session Number:** IN53E
  - **Session ID and Title:** #56917, Tools, Recommended Practices, Evaluation Efforts, and Persistent Identifiers to Improve the Publication, Stewardship, and Impact of Research Data, Software, Workflows, Services, and Repositories II Posters
  - **Session Type:** Poster
  - **Date and Time:** Friday, 14 December 2018; 13:40 - 18:00
  - **Location:** Hall A-C (Poster Hall)
  - **Co-Chair:** R. Downs

  - **Abstract Title:** Geoprocessing Services and Web Applications from NASA Socioeconomic Data and Applications Center (SEDAC) Enable Data Access and Analysis
  - **Final Paper Number:** IN53C-2703
  - **Presentation Type:** Poster
  - **Session Date and Time:** Friday, 14 December 2018; 13:40 - 18:00
  - **Session Number and Title:** IN53C: Developing Innovative Tools and Services to Enable Data Discovery and Use of Big Data Variety Across Broad User Communities Posters
  - **Location:** Convention Center; Hall A-C (Poster Hall)
  - **Presenting Author:** K. MacManus

- **Abstract Title:** Integrated Earth and Socioeconomic Data to Enable Decisions for Disaster Preparedness and Response
  - **Presentation Type:** Lightning
  - **Session Date and Time:** Friday, 14 December 2018; 16:00 - 18:00
  - **Session Number and Title:** PA54A: Enhancing Environmental Management Decisions, Actions, and Policy by Building the Capacity to Use Earth Observations I
  - **Location:** Marriott Marquis, Marquis 3-4
  - **Presenting Author:** R. Chen