

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

- **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

Wednesday, 12 December

- **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 EDSWG 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
- **Session Number:** IN44A
Session ID and Title: #61386, Boundaries, Buildings, and 'Burbs: Foundational Geospatial Data to Support Sustainable Development, Geohealth, Hazard, and Climate Applications I
Session Type: Oral
Date and Time: Thursday, 13 December 2018; 16:00 - 18:00
Location: Convention Ctr; 209A-C
Co-Chair: R. Chen
- **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