American Meteorological Society

BOARD ON DATA STEWARDSHIP

Selected Open Science/Data/Software Related Town Halls and Sessions at the AMS 2023 annual meeting

Sessions and Town Halls

- Sunday, Jan 8
  - 16:00 - 17:15 MST
    - Panel Discussion - Presidential Forum
- Monday, Jan 9
  - 8:30 - 10:00 MST
    - Joint Session J1A - Developing Cloud-Based Tools for Data Analysis and Archiving
  - 10:45 - 12:00 MST
    - Session 2 - NASA TOPS: Transform to Open Science
  - 12:15 - 13:15 MST Town Hall
    - NASA's Earth Science Flight Program: Planning for the Next-Generation Earth Observatories—Dr. Karen M. St. Germain (NASA HQ)
  - 13:30 - 15:00 MST
    - Session 3A - Tending the Treasure Trove: Advancing Stewardship for Non-Satellite Earth Observations
    - Session 3 - Working with Large Datasets Using Python I
    - Joint Session 3 - Indigenous and Earth Systems Science Partnerships for Co-Creating Knowledge
  - 15:45 - 17:00 MST
    - Session 4A - Cloud-Based User Services to Support Data Use in the User Community
    - Session 4 - Working with Large Datasets Using Python II
    - Session 4A - Open Datasets for Artificial Intelligence Research and Applications in Earth and Atmospheric Sciences
- Tuesday, Jan 10
  - 7:00 - 8:15 MST Town Hall
    - NASA's Transform to Open Science (TOPS) Initiative
  - 8:30 - 10:00 MST
    - Joint Session J5B - Democratizing Data: Environmental Data Access and Its Future

        - Joint Session J5 - Big Data, Big Computing, Bigger Science: High-Performance Computing Enabled Artificial Intelligence/Machine Learning in Earth System Science I
    - 10:45 - 12:00 MST
        - Joint Session J6B - Using Big Data Repositories: Open Data Feeding Open Science
        - Joint Session J6 - Big Data, Big Computing, Bigger Science: High-Performance Computing Enabled Artificial Intelligence/Machine Learning in Earth System Science II
        - Session 6 - Informing Cultural Change Through Data
    - 12:15 - 13:15 MST Town Hall
        - The Role of Remote Sensing Observations, Products, and Forecasts-Predictions in Achieving and Sustaining Regional and Global Food and Environmental Security
    - 13:45 - 15:00 MST
        - Session 7 - Teaching, Training, Outreach, and Building Communities Around Python
    - 15:45 - 17:00 MST
        - Joint Session J8A - Cloud Computing for Big Data in Atmosphere, Ocean, and Climate
        - Session 8A - Trustworthy AI
- Wednesday, Jan 11
    - 7:00 - 8:15 MST Town Hall
        - Challenges and Solutions in Meeting Open Science Expectations for Simulation-Based Research
        - NOAA Satellites and Data: Advancing Climate and Environmental Services
    - 8:30 - 10:00 MST
        - Session J9 - Machine Learning Techniques, Datasets, Needs and Priorities for Space Weather
    - 10:45 - 12:00 MST
        - Session 10 - Visualization, Data Discovery and R2O Using Python
        - Session 10 - The New Age of Urban Meteorology: How Data is Transforming the Science of Cities
    - 13:30 - 15:00 MST
        - Session 11 - New Python Tools in the Atmospheric and Oceanographic Sciences I
        - Session 11 - Advancing the Data Enterprises from Ocean to Space
        - Session 11 - Data (r)Evolution - Changes in Technology and Collections
    - 15:45 - 17:00 MST
        - Session 12 - New Python Tools in the Atmospheric and Oceanographic Sciences II

- Thursday, Jan 12
  - 7:00 - 8:15 MST Town Hall
    - Eighth Annual NOAA Open Data Dissemination
  - 8:30 - 10:00 MST
    - Joint Session J13 - FAIR and Open Data and Software within the Atmospheric and Ocean Sciences to Support Transparent, Reusable and Efficient Research and Operations I
    - Session 13 - Observational Needs: A Survey, Agency Plans and How We Decide
  - 10:45 - 12:00 MST
    - Joint Session J14 - FAIR and Open Data and Software within the Atmospheric and Ocean Sciences to Support Transparent, Reusable and Efficient Research and Operations II
    - Session 14 - How AI Can Drive New Science and Improve Decision Making for All People
  - 12:15 - 13:15 MST Town Hall
    - Citizen Sciences: What Contribution in Weather Data Improvement?
  - 13:30 - 15:00 MST
    - Joint Session J15 - FAIR and Open Data and Software within the Atmospheric and Ocean Sciences to Support Transparent, Reusable and Efficient Research and Operations III
    - Session 15A - Artificial Intelligence Data Fusion for Improved Weather and Climate Prediction
    - Session 15 - Spectrum's Critical Role in Weather and Climate Data: How Do We Move Beyond Regulatory Conflicts to Science-Informed Innovation?