AMS
American Meteorological Society

BOARD ON DATA STEWARDSHIP

AMERICAN METEOROLOGICAL SOCIETY

AMS 2022

102nd ANNUAL MEETING | HOUSTON

Selected Open Science/Data/Software Related Town Halls and Sessions at the AMS 2022 annual meeting

- **Town Halls**
    - Monday, Jan 24
        - 12:15 - 13:15 CST
            - [NASA's Earth Science Flight Program: Planning for the Next-Generation Earth Observatories—Dr. Charles E. Webb (NASA HQ)](#)
    - Tuesday, Jan 25
        - 7:00 - 8:15 CST
            - [NOAA's Big Data Project](#)
            - [The National Coordinated Soil Moisture Monitoring Network: Current Activities and Future Priorities](#)
        - 12:15 - 13:15 CST
            - [The Role of Remote Sensing Observations, Products, and Forecasts-Predictions in Achieving and Sustaining Regional and Global Food and Environmental Security](#)
        - 18:00 - 19:15 CST
            - [Open Science Expectations for Simulation-Based Research: What Data and Code Needs to be Preserved and Shared with Others to Support Published Research?](#)
    - Wednesday, Jan 26
        - 7:00 - 8:15 CST
            - [US CLIVAR Town Hall on Climate at the Coasts](#)
        - 12:15 - 13:15 CST
            - [Open Science and NASA: Goals, the Present, and the Future](#)
    - Thursday, Jan 27
        - 12:15 - 13:15 CST
            - [NASA Earth Science Division Commercial SmallSat Data Acquisition Program: Overview and Update](#)
            - [NOAA Satellites and Data: Observing a Rapidly Changing World](#)

Sessions
    - Monday, Jan 24
        - 8:30 - 10:00 CST
            - [Session 1 - Artificial Intelligence for Environmental Science. Part I](#)

- 10:45 - 12:00 CST
  - [Session 2 - Broad Challenges and Opportunities for Artificial Intelligence in the Environmental Sciences](#)
- 13:30 - 15:00 CST
  - [Session 3 - Working with Large Datasets Using Python](#)
- 15:45 - 17:00 CST
  - [Session 4A - Applying GIS Techniques to Analyze and Communicate Weather and Climate Impacts](#)
  - [Session 4 - Teaching, Training, Outreach, and Building Communities around Python Combined with Research to Operations](#)
- Tuesday, Jan 25
  - 10:45 - 12:00 CST
    - [Session 6A - Artificial Intelligence for Feature Detection](#)
  - 13:30 - 15:00 CST
    - [Session 7 - Python Tools in the Atmospheric and Oceanic Sciences. Part I](#)
  - 15:45 - 17:00 CST
    - [Python Tools in the Atmospheric and Oceanic Sciences. Part II](#)
- Wednesday, Jan 26
  - 8:30 - 10:00 CST
    - [Joint J9 - FAIR and Open Data and Software within the Atmospheric and Ocean Sciences to Support Replicable Research and Reusable Tools for Climate Analysis. Part I](#)
  - 10:45 - 12:00 CST
    - [Session 10A - FAIR and Open Data and Software within the Atmospheric and Ocean Sciences to Support Replicable Research and Reusable Tools for Climate Analysis II](#)
    - [Joint J10B - Cloud Computing for Big Data in Atmosphere, Ocean, and Climate](#)
  - 13:30 - 15:00 CST
    - [Developing Cloud-Based Tools for Data Analysis and Archiving. Part I](#)
  - 15:45 - 17:00 CST
    - [Developing Cloud-Based Tools for Data Analysis and Archiving. Part II](#)
- Thursday, Jan 27
  - 8:30 - 10:00 CST
    - [Session 13 - Other Topics for ASLI. Part I](#)
  - 10:45 - 12:00 CST
    - [Session 14A - Open Datasets for Artificial Intelligence Research and Applications in the Earth and Atmospheric Sciences](#)