

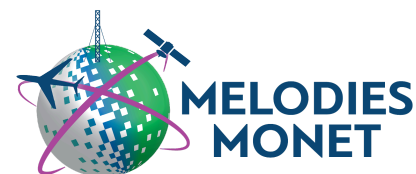
MELODIES MONET Tutorial

October 15-16, 2024

Hosted at NSF NCAR, Jointly run by NOAA and NSF NCAR

Boulder, Colorado, USA

Hybrid



| Day 1 | | |
|--------------|--|---|
| Time | Tuesday Oct 15 | Presenters/Leads |
| 8:45 | Coffee/tea | |
| 9:00 | Welcome, Workshop Agenda and Logistics | Rebecca Buchholz (NCAR) & Louisa Emmons (NCAR) |
| 9:05 | MELODIES MONET Introduction | Becky Schwantes (NOAA CSL) & Rebecca Buchholz (NCAR) |
| 9:30 | MONET and MONETIO Introduction | Zach Moon (NOAA ARL) (virtual) |
| 9:45 | Example 1: Simple surface comparisons introduction | Pablo Lichtig (NCAR) |
| 10:30 | Break (coffee/tea and cookies) | |
| 11:00 | Example 1: Simple surface comparisons: try it yourself | Pablo Lichtig (NCAR) |
| 12:00 | Lunch (on your own at the cafeteria) | |
| 1:00 | Description of Command Line Tool | Zach Moon (NOAA ARL) virtual |
| 1:15 | Using MELODIES MONET for Real Time Forecast Evaluation | Jordan Schnell (NOAA GSL) virtual |
| 1:30 | ReadTheDocs Description | Becky Schwantes (NOAA CSL) |
| 1:50 | YAML Files Description | Becky Schwantes (NOAA CSL) |
| 2:10 | Advanced Surface Observation Evaluation Features | Becky Schwantes (NOAA CSL) |
| 2:30 | Break/Questions (coffee/tea and cookies) | |
| 3:00 | Example 2: Aircraft comparisons introduction | Quazi Rasool (NOAA CSL) |
| 3:30 | Example 2: Aircraft comparisons: try it yourself | Quazi Rasool (NOAA CSL) |
| 4:30 | Questions and Discussion about Day 1 activities | Discussion leads: Becky Schwantes (NOAA CSL), Rebecca Buchholz (NCAR) |
| 5:00 | Adjourn | |

| Day 2 | | |
|--------------|---|--|
| Time | Wednesday Oct 16 | Presenters |
| 8:45 | Coffee/tea | |
| 9:00 | Day 2 outline | Rebecca Buchholz (NCAR) |
| 9:15 | Example 3: Comparisons to satellite observations introduction | David Fillmore & Rebecca Buchholz (NCAR) |
| 10:00 | Break (coffee/tea and cookies) | |
| 10:30 | Example 3: Satellite observations comparisons: try it yourself | David Fillmore & Rebecca Buchholz (NCAR) |
| 12:00 | Lunch (on your own at the cafeteria) | |
| 1:00 | How to get involved (add own datasets, add own code) and introduce advanced concepts groups | Becky Schwantes (NOAA CSL) |
| 1:20 | Split into 8 advanced concepts groups: | Floating lead: Rebecca Buchholz, Leads: Becky Schwantes, David Fillmore, Pablo Lichtig, Zach Moon, Quazi Rasool, Beiming Tang, Jordan Schnell, Maggie Bruckner |
| 1:30 | Example 4: Advanced concepts, try it yourself | Breakouts |
| 3:10 | Break (coffee/tea and cookies) | |
| 3:40 | Each group gives a quick verbal summary (no slides needed) about their advanced concept | |
| 4:00 | Discussion, Questions | Discussion leads: Becky Schwantes (NOAA CSL), Rebecca Buchholz (NCAR) |
| 4:30 | Wrap-up, conclusions and future directions with priorities for future development | Discussion leads: Becky Schwantes (NOAA CSL), Rebecca Buchholz (NCAR) |
| 5:00 | Adjourn | |