

0. Process & Schedule

NCSA Estimation

Pre AmeriFlux publishing

Eddy Pro

- Creating a Master Meteorological Data File (17 Sep 2021)
- Processing Raw Flux Data in EddyPro (29 Oct 2021)
 - Formatting Meteorological Data for Eddypro
 - Assembling Dynamic Metadata
 - Running EddyPro

Demo of the automating the formatting the raw meteorological data file (26 Oct 2021)

pyFluxPro

- Creating the Database (05 Nov 2021)
- Formatting the PyFluxPro Control Files (03 Dec 2021)
 - Primary
 - Secondary
 - Other
- Running a Flux Database through PyFluxPro (22 Dec 2021)
- L1-L3: Processing Single Years
- L4-L6: Processing a Full, or Multi-Year, Dataset (Incomplete)

End of the year Demo (13 Dec 2021)

AmeriFlux Data Formatting

- add missing variables 04 Mar 2022
- make L1 more efficient 04 Mar 2022
- erroring variables 07 Mar 2022
- L2 formatting 10 Mar 2022

Publishing to AmeriFlux

- publishing 2020+ data until the end of the year (15 Apr 2022)

Original Proposal Documentation

Proposed Process

- Reprocess all eddy covariance data on bioenergy feedstocks in Illinois and Florida, including the 'reference' agroecosystems
- Upload all data to DOE's Ameriflux Database.

Proposed Schedule

Key results:	Deadline (mm/yyyy):
1. Update all eddy covariance data from 2008-present using TOVI	1/31/2022
2. Upload all preliminary processed data to Ameriflux Network for QA/QC	04/15/2022* Goal is for preliminary data to be online searchable before the renewal is due.
3. Identify, organize, and upload all ancillary data recommended by Ameriflux to link with flux data	08/31/2022
4. Collate all flux and ancillary data for final submission to Ameriflux	10/31/2022
5. Work with Ameriflux personnel to identify any additional changes/errors before data is fully online	11/30/2022