Data Intake Processing and Verification Report

Background Information

- **Original Dataset Name:**
    - LPJ-EOSIM L2 Global Simulated Daily Wetland Methane Flux V001
    - LPJ-EOSIM L2 Global Simulated Daily Wetland Methane Flux Low Latency V001
    - LPJ-EOSIM L2 Global Simulated Monthly Wetland Methane Flux V001
    - LPJ-EOSIM L2 Global Simulated Monthly Wetland Methane Flux Low Latency V001
- **GHG Center Dataset Title:** Wetland Methane Emissions, LPJ-EOSIM Model (v1)
- **Dataset Provider:** NASA
- **Date Obtained:** July 2024
- **Location Obtained From:**
    - https://search.earthdata.nasa.gov/search/granules?p=C2989156664-LPCLOUD
    - https://search.earthdata.nasa.gov/search/granules?p=C3050399366-LPCLOUD
    - https://search.earthdata.nasa.gov/search/granules?p=C2989160528-LPCLOUD
    - https://search.earthdata.nasa.gov/search/granules?p=C3050406138-LPCLOUD
- **Data Location in GHG Center:** lpjeosim-wetlandch4-daygrid-v1, lpjeosim-wetlandch4-monthgrid-v1
- **Data POC(s):** Dr. Benjamin Poulter, Dr. Colin A. Quinn, Thomas H. Colligan
- **Dataset File Type(s):** COG
- **Projection (if different from WGS84):** N/A

Data Intake Process

- https://us-ghg-center.github.io/ghgc-docs/data_workflow/lpjeosim-wetlandch4-grid-v1_Data_Flow.html

Data layers from LPJ-EOSIM L2 Global Simulated Daily Wetland Methane Flux V001 and the Low Latency equivalent are combined into a single collection for the GHG Center: lpjeosim-wetlandch4-daygrid-v1

Data layers from LPJ-EOSIM L2 Global Simulated Monthly Wetland Methane Flux V001 and the Low Latency equivalent are combined into a single collection for the GHG Center: lpjeosim-wetlandch4-monthgrid-v1

Confirmation of Successful Data Transfer

Data is obtained directly from an S3 bucket owned by the NASA LP DAAC, so no data transfer is occurring. Since the data is being maintained external to the GHG Center, it is the responsibility of the data provider to ensure the integrity of the data.

Summary

- We are confident that the display of data in the GHG Center is correct

- There were no problems identified in the data
- Link to [Data Usage Notebook](#)
- Link to [US GHG Center Data Catalog overview page](#)

Report Completed on: 7/18/2024
Report updated: 10/10/24 to reflect version correction from LPJ-EOSIM v2 to LPJ-EOSIM v1
MSFC POC for questions: [Deborah Smith](#), [Siddharth Chaudhary](#)