Import and transform raw A-Ci data

- 0_Import_transform_original_ACi_data.R
- Create a data.frame with ESS format columns

QA QC the A-Ci data

- 1 QaQc curated Aci.R
- Remove bad points and poor curves

Fitting the A.Ci data

- 2 Fit Aci.R
- Create a data.frame with standard column names (ESS format)

Import and transform the spectra

- 3_Combine_spectra_traits.R
- Create a data.frame with standard columns; the spectra should be from 500 to 2400 nm with a 1nm resolution

Authors, Acknowledgment, Dataset DOI,

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Publication_Citation, Email, Lat, Long,
Elevation

Dataset description

Merge the spectra-trait data

Create a data.frame with SampleID, Vcmax, Jmax, Tp, Vcmax25, Jmax25, Tp25, Tleaf and Spectra

Leaf metadata

SampleID, Species_Name,
Phenological_Stage, Sun_shade, other
columns if necessary