Grant Number: **NERC grant nos. NE/S015833/1 and NE/S002189/1**

Sponsor: University of Birmingham

Project title: Tree-soil-water relations under elevated CO2 (doctoral research project).

Description: Processed data derived from BIFoR Tree-soil-water doctoral research. This covers oak daylight sap_flux data for eighteen trees for the CO2 treatment period (beginning April to end Oct.) years 2017 to 2021.

The following files have been archived:

File name	File description (Short description of content, sample size, format, any linking between different types of data, i.e. survey and interviews/focus groups)
2023-02-06v01dayflcl2017_21.csv	Dataset of dayflux for all oaks monitored for sap_flux. Subset of complete oak sap_flux dataset for daylight hours and CO2 treatment season April to Oct. only.
2023-02-06v01dayflcl2017_21.ods	Spreadsheet showing variables definitions for [file_date]v01dayflcl2017_21.csv

Publications: (based on this data, if any) submission of paper 'Water usage of old growth oak at elevated CO2 in the FACE of climate change.' to Copernicus Biogeosciences.