



EIDC Service Agreement for Soil solution chemistry measurements for three European flood plains in the UK, Spain and France, 2016

status: **AGREED**

This document sets out your rights and responsibilities as depositor and ours as the data distributor.

As a depositor you must consent to this service agreement which establishes the terms and conditions of use of your data.

This agreement authorises the EIDC to preserve and to distribute the data under the terms specified in this document. To do so, the EIDC will store the data and, where necessary, duplicate and transform copies.

All environmental data deposited into the EIDC are subject to the requirements of the NERC Data Policy.

By depositing data, you confirm that the data is compliant with the provisions of UK data protection laws.

Our responsibilities:

- We will take every care to preserve the integrity of the data and protect it from loss or damage.
- We will make the data publicly available, subject to any conditions specified in this Agreement.
- Unless otherwise requested, we will issue a Digital Object Identifier (DOI) to facilitate the proper citation of the dataset. Such data will be kept in perpetuity.
- We will ask users of the data to agree to an end user licence.
- We require users of the data to acknowledge and cite sources when re-using data.
- We will only process personal information in connection with long-term archiving services, in accordance with our [Privacy Notice](#)

Your responsibilities:

- You provide assurances that you are entitled to deposit the data resource in the EIDC and that the agreement of all parties who may have an interest in the resource has been obtained.
- You confirm that you have sufficient knowledge of the data resource to deposit it with the EIDC, being either a named author of the data resource, or with written confirmation from the lead author of the data resource of your suitability to act as depositor
- You confirm that this is the reference copy of the resource and that you will cite this resource including the NERC DOI it will be assigned in any subsequent publications
- You agree to supply sufficient supporting information (metadata) to enable discovery, management and reuse of the data.
- You ensure that in the case of research data with human subjects that consents collected are ethically and legally appropriate and sufficient to allow deposit of the resource.
- You agree to notify the EIDC promptly of any copyright, confidentiality, privacy, data protection, defamation or similar issues pertaining to the data.
- You guarantee that nothing in the resource or supporting information contravenes the UK data protection laws or any other UK law (e.g., the Wildlife and Countryside Act 1981).
- You agree to notify the EIDC if it is subsequently found that the data resource is no longer fit for purpose (e.g. if errors are found in the dataset).

Deposit reference
CT-17
Depositor
Joanne Bloggs (bloggs@ulife.ac.uk)
For the EIDC
Han Solo (info@eidc.ac.uk)

Data identification and citation

⚠ PLEASE NOTE: ONCE A DOI HAS BEEN ISSUED, THE INFORMATION PROVIDED IN THIS SECTION CANNOT BE CHANGED

Title of data resource: Soil solution chemistry measurements for three European flood plains in the UK, Spain and France, 2016

Authors

This information will be used in discovery metadata for this dataset (the catalogue record). [See our policy on retention and use of personal data.](#)

- Authors are listed below in the order in which they will appear in the citation
- Details of the authors listed below will be published in a public data catalogue and held in EIDC systems. UK law requires us to inform all individuals that they are being proposed as an author. A current, valid email address (or phone number) for all living authors is therefore required. Those without valid contact details are not eligible for authorship
- Please see our [Privacy Notice](#) for further information

Author name	Affiliation	Email address	ORCID
Bloggs, J.P.	University of Life	bloggs@ulife.ac.uk	https://orcid.org/0000-1343-1234-9X77
May, C.	University of Life	may@ulife.ac.uk	Not provided
Smith, M.	Polytechnic University of Life	smith@vitalidad.edu	https://orcid.org/0000-2356-3469-X656

Data and supporting documentation

Data and supporting documentation should not contain names, addresses or other personal information relating to 'identifiable natural persons' ([see our policy on retention and use of personal data](#)).

Files to be deposited

Filename	Format	Size
soil_uk	csv	150MB
soil_spain	csv	100MB
soil_france	csv	50MB

Number of files to be deposited 3

Supporting documents european_soils.docx

- Collection/generation methods
- Nature and Units of recorded values
- Quality control
- Details of data structure
- Experimental design/Sampling regime
- Fieldwork and laboratory instrumentation
- Calibration steps and values
- Analytical methods

Data category Environmental data

Agreed transfer method for data and supporting documents Upload via EIDC catalogue (preferred)

Availability, access and licensing

Availability 2027-01-27

Licence [This resource will be made available under the terms of the Open Government Licence](#)

Owner of IPR University of Life

Miscellaneous

Superseding dataset	Soil solution chemistry measurements for two European flood plains in the UK and Spain, 2016 (7d8rth9w-3s22-65h7-356h7gh668f8) Reason for superseding is addition of data for France to the existing dataset.
Funding	(Natural Environment Research Council)

Discovery metadata

Information in this section will be used to create a record in the EIDC data catalogue.

Description	This dataset includes a range of determinands present in soil water in three floodplains in Europe - Severn catchment (UK), Vilaine (France) and Cidacos (Spain). Soil water was collected at three depths in the soil profile - 5cm, 10cm and 20cm. Variables measured include pH, conductivity, alkalinity, total nitrogen and phosphate phosphorus. Data were collected between January and November 2016 at weekly intervals.
Lineage	Soil solution was sampled by 10 cm x 20 cm polyethylene zero tension lysimeters, installed in each of the sites. Two lysimeters were installed at each site and samples were bulked at each sampling interval (daily) to give a representative sample for the site. Samples were transported to the laboratory within 4 hours of sampling. The samples were filtered through a 45 micrometer cellulose nitrate filter and stored at 4 degrees C before analysis. Chemical analysis was carried out in UKAS accredited labs. pH was measured on a Metrohm 888 Titrand fitted with a 20ml burette and 815 Robotic USB Sample Processor XL (Metrohm, Switzerland). Nitrate was determined using Dionex DX100 chemically suppressed ion chromatograph.
Topic categories	environment
Keywords	Cidacos , pH , PO4-P , Severn , Soil , soil water chemistry , total dissolved nitrogen , Vilaine

Area of study

