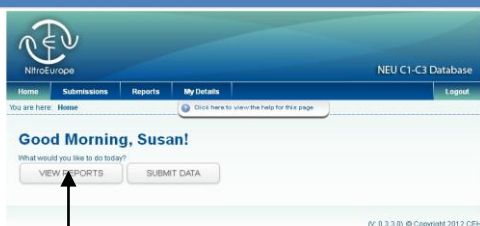


“Quick Site Summary” :-

To investigate how much data has been uploaded by sites to the NitroEurope “Field measurements (C1-C3)” database (Feb 2012)

1



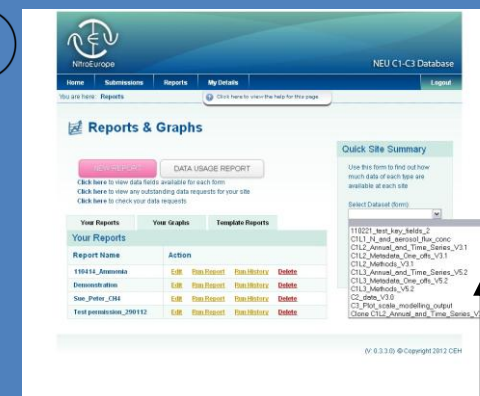
Log onto the NitroEurope Database. Click the “Reports” tab or the “View Reports” button

2



For a summary of “completeness” of different data fields for each site, we use this Quick Site Summary panel

3



In the first drop-down menu, we can select a dataset (“form”) which contains the data we want to download. Please see Appendix A, and refer to the downloadable guides: “Read me_NitroEurope data availability Jan2012.doc” and downloadable zip file “NitroEurope Data Availability files.zip”.

4



In the second drop-down menu, we can select a site whose data we are interested in

5

NEU C1-C3 Database

Home Submissions Reports My Details Logout

Reports & Graphs

DATA USAGE REPORT

Click here to view data fields available for each form

Click here to view any outstanding data requests for your site

Click here to check your data requests

Your Reports

Report Name	Action
110414_Anomalia	View Report View History Delete
Democratization	View Report View History Delete
See_Police_CSA	View Report View History Delete
Test penetration_200112	View Report View History Delete

Quick Site Summary

Use this form to find out how much data of each type are available at each site

Select Dataset (form): C1-C3 Annual and Time Log

Select Site: Anomalia

Select field group according to data New (worksheet): All Worksheets

157968 rows returned

28% complete

0/ 9.3.3.0 © Copyright 2012 CEH

A “Quick Site Summary” appears. The date range is currently the first and last date of data that are on the database for the selected site and the selected dataset (“form”). The “% complete” number is the percentage of all possible data fields in the selected database form that contains at least one row of data from the selected site. Many data fields were not mandatory – and so it is unlikely that this percentage will ever be 100%.

6

NEU C1-C3 Database

Home Submissions Reports My Details Logout

Reports & Graphs

DATA USAGE REPORT

Click here to view data fields available for each form

Click here to view any outstanding data requests for your site

Click here to check your data requests

Your Reports

Report Name	Action
110414_Anomalia	View Report View History Delete
Democratization	View Report View History Delete
See_Police_CSA	View Report View History Delete
Test penetration_200112	View Report View History Delete

Quick Site Summary

Use this form to find out how much data of each type are available at each site

Select Dataset (form): C1-C3 Annual and Time Log

Select Site: Anomalia

Select field group according to data New (worksheet): All Worksheets

157968 rows returned

28% complete

0/ 9.3.3.0 © Copyright 2012 CEH

The datasets (“forms”) design is based on the structure of the EXCEL data templates that field workers completed to upload to the database. Therefore data in each dataset is stored in structures called “worksheets”. The Quick Site Summary information can be retrieved at the “worksheet” level. The third drop-down menu allows selection of the worksheet containing the data of interest, for example 30-minute flux data.

7

NEU C1-C3 Database

Home Submissions Reports My Details Logout

Reports & Graphs

DATA USAGE REPORT

Click here to view data fields available for each form

Click here to view any outstanding data requests for your site

Click here to check your data requests

Your Reports

Report Name	Action
110414_Anomalia	View Report View History Delete
Democratization	View Report View History Delete
See_Police_CSA	View Report View History Delete
Test penetration_200112	View Report View History Delete

Quick Site Summary

Use this form to find out how much data of each type are available at each site

Select Dataset (form): C1-C3 Annual and Time Log

Select Site: Anomalia

Select field group according to data New (worksheet): All Worksheets

157968 rows returned

28% complete

0/ 9.3.3.0 © Copyright 2012 CEH

Please be patient if the Quick Site Summary panel fades out while the search is underway. However, if this process lasts more than a minute or two please contact neudata@ceh.ac.uk

NitroEurope NEU C1-C3 Database

Home Submissions Reports My Details Logout

You are here: Reports [Click here to view the help for this page](#)

Reports & Graphs

[NEW REPORT](#) [DATA USAGE REPORT](#)

[Click here](#) to view data fields available for each form
[Click here](#) to view any outstanding data requests for your site
[Click here](#) to check your data requests

Your Reports **Your Graphs** **Template Reports**

Your Reports

Report Name	Action
110414_Ammonia	Edit Run Report Run History Delete
Demonstration	Edit Run Report Run History Delete
Sue_Peter_CH4	Edit Run Report Run History Delete
Test permission_290112	Edit Run Report Run History Delete

Quick Site Summary

Use this form to find out how much data of each type are available at each site

Select Dataset (form):
 C1L3_Annual_and_Time_series

Select Site:
 Auchencorth

Select field group according to data type (worksheet):
 DATA 30 min Met

01 Aug 2006 00:30 - 01 Jan 2011 00:00

63% complete

77468 rows entered

(V: 0.3.3.0) © Copyright 2012 CEH

Here is an example of a Quick Site Summary at Worksheet Level:

The Auchencorth site has submitted a total of 77468 rows of field data to the 30-minute meteorology data worksheet in the "Annual and Time series" dataset for the level 3 "supersites".

63% of possible data fields in this worksheet contain data. The date range of the data in this worksheet are from 01 August 2006 to 01 January 2011.

Appendix A

NitroEurope database dataset (“form”) names

<i>Dataset name (“form”):</i>	<i>Contains data for:</i>
C1L1_N_and_aerosol_flux_conc	Field (Level 1) sites “inferential modelling” measurements
C1L2_Methods_V3.1	Field (Level 2) sites “low cost” methods
C1L2_Metatdata_One_offs_V3.1	Field (Level 2) sites “low cost” one-off type measurements
C1L2_Annual_and_Time_Series_V3.1	Field (Level 2) sites “low cost” time series
C1L3_Methods_V5.2	Field (Level 3) supersite methods
C1L3_Metatdata_One_offs_V5.2	Field (Level 3) supersite “one-off” type measurements
C1L3_Annual_and_Time_Series_5.2	Field (Level 3) supersite time series measurements
C2_data_V3.0	Field manipulation site measurements
C3_Plot_scale_modelling_output	Output from plot-scale simulations

Appendix B

Manipulation Site Worksheet name translations

Worksheet name:	Worksheet description:
1.3	Description of applied treatments
2.1	Site and PI details
2.2	Methods
3.1	Management - part a - numerical values regarding fertilizers
3.2	Management - part b - text info regarding planting, thinning, cutting history and fertilizer application times
4.1	Latitude, longitude, slope, depth of groundwater table, depths of field drains, rooting depths
4.2	Plant type, soil type, litter type - basic non-numerical site characteristics measured once/rarely
5.1	Plant type, biomass, vegetation C and N contents and ratios
5.2	Harvest yields
6.1	Litter layer mass, depth, C and N content
7.1	Soil layers, depth, density, texture, stone fraction, conductivity, porosity, field capacity, wilting point, available water, C and N content, pH
7.2	pF Curves (soil water retention curves)
7.3	Soil NO ₃ , NH ₄ and total N concentrations (e.g. by KCl or K ₂ SO ₄ extractions)
7.4	Microbial biomass C and N in soil
7.5	Mineralization, denitrification, nitrification
8.1	NO ₃ , NH ₄ , DOC, DON concentrations in soil water (from suction cups etc.)
8.2	Seepage water and NO ₃ leaching (modelled)
9.1	Wet and dry nitrogen deposition
9.2	N input by fixation
10.1	Meteorology (Air temperature, radiation, PPFD, precipitation, throughfall, humidity, wind speed, CO ₂ and NH ₃ conc.)
10.2	Meteorology (Soil humidity and temperature)
10.3	Gaseous fluxes (CO ₂ , N ₂ O, NO, NO ₂ , NH ₃ , CH ₄)
10.4	Evapotranspiration
11.1	Extras (performed measurements not asked for in sheets 3.1 to 10.4, which may be important to N or C cycling)