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Eco-AlpsWater

Innovative Ecological Assessment and Water Management Strategy for the Protection of Ecosystem Services in Alpine Lakes and Rivers

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EAW Taxa Analysis Tool

One of our main output is the EAW taxa analysis tool, which is available for use! There are various possibilities to compare and visualise traditional and eDNA results for taxa inventories in our lakes and rivers. If you wish to explore the data and analyses we have gathered so far, please contact the partners from your country:

IT: nico.salmaso(at)fmach.it; giorgio.franzini(at)arpa.veneto.it
AT: rainer.kurmayer(at)uibk.ac.at
FR: isabelle.domaizon(at)inrae.fr; frederic.rimet(at)inrae.fr
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DE: ute.mischke(at)lfu.bayern.de



They will gladly discover the exciting finding for your country with you. Furthermore, from our experiences, it is difficult to understand all the data and their comparison, therefore customized analyses are much more user friendly and potential problems in the interpretation of the data more easily solved, also considering the specificities that characterize each country. Looking ahead, it should be added that more in-depth and time-consuming analyses could provide some updates to the taxonomy included in the taxa analysis tool. Updates are obviously also planned with regard to the periodic updates made to the reference taxonomic databases.

The final output is version 9 with new functionalities (environmental data and all ASVs as real DNA sequences included) and informative tables, which recording all changes (adds and corrections) and a content list of automated result tables.

A detailed description of the tool, the list of prepared tables and the user instruction can be find [here](https://www.alpine-space.org/projects/eco-alpswater/deliverables-final/d.t1.2.3--database-classific_distribution_aquatic-species-access-by-stakeholders.pdf) (https://www.alpine-space.org/projects/eco-alpswater/deliverables-final/d.t1.2.3--database-classific_distribution_aquatic-species-access-by-stakeholders.pdf).

EAW Taxa Analysis Tool

Suchen...

select_tabs

EAW table legends

select_site_name

Start formula

Cyanobacteria query results for selected site(s)

Diatom query results for selected site(s)

18S results (eukaryotes) linked with 16S for selecte...

fish_tables

report

LM_taxa

eDNA_taxa

common_codes

info_tables

Nicht zugewiesene Objekte

EAW taxa analysis tool version V9

Taxonomic inventories

Interreg Alpine Space Eco-AlpsWater

Taxonomic inventories

HTS - rbcl, 12S, 16S, 18S

Status of tool: V9b - 27.12.2021 - final

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HTS-taxonomy results for diatoms (rbcl) and cyanobacteria (16S), protist eukaryotes (18S) and for fish (MiFishU, 12S).

NEW? - see "update_documentation_table" in custom group "info_tables"

backgrounds see <https://www.alpine-space.eu/projects/eco-alpswater/en/home>

https://www.alpine-space.eu/projects/eco-alpswater/results-documents-deliverables/d.t.4.1.1.--guidelines-for-digital-accessing-of-data_fin.pdf

User instruction Step 1:
Open most upper table "select_site_name" by double click on name
Select requested "site_name" in first column. - Close this table.

User instruction Step 2:
Open and close all table queries belonging to one biological group

Click on this symbol to open further tables in a customer group

User instruction Step 3:
Choose your wanted query by checking table "EAW_legends"
Open table by double click
Export your table to Excel or copy and paste it to a table software



This project is co-financed by the European Union via Interreg Alpine Space (<http://www.alpine-space.eu>)

European Regional Development Fund