Guidelines for AquaWatch projects database

1. Modifications from the previous spreadsheet:

* Added a “ID” field;
* Created multiple columns for contacts & respective emails;
* Added columns for waterbody categories to be filled with TRUE or FALSE;
* Variables switched to TRUE or FALSE;
* Created multiples columns for platforms, sensors, equipment & acquisition;
* Created multiples columns for algorithms, validation and protocols;

1. To be filled & harmonized from AquaWatch projects members:

* Fill waterbodies columns;
* Harmonize status (Preoperational, Operational, Ended);
* Columns AE to AG to be filled from information in column AD;
* Acquisition method to be filled (Field, Remote, Lab);
* Columns AI to AJ to be filled from columns AH;
* Frequency of observations to be harmonized (Continuous, Hourly, Daily, Weekly, Monthly, Annually, Other);

1. New spreadsheet fields description:

* **ID** : Unique identifier of the project ;
* **project\_name** : Name of the project;
* **organization** : Name of the organization(s) leading the project;
* **project\_summary**: Brief summary and highlights of the project;
* **funding\_entity**: Name of institution(s) funding the project;
* **contact**: Name(s) of focal point (up to 4);
* **email**: Email address of respective focal point;
* **rivers**: The project provides data about rivers ? (TRUE/FALSE);
* **lakes**: The project provides data about lakes ? (TRUE/FALSE);
* **coastal**: The project provides data about coastal systems ? (TRUE/FALSE);
* **sea:** The project provides data about seas ? (TRUE/FALSE);
* **regions\_of\_interest**: Name of the regions where the project takes place;
* **status** : Status of the project (preoperational, operational, ended);
* **status\_note**: Additional information about the status of the project;
* **chlorophyll**: The projects involves data about chlorophyll ? (TRUE/FALSE);
* **cyanobacteria**: The projects involves data about cyanobacteria ? (TRUE/FALSE);
* **dissolved\_oxygen**: The projects involves data about dissolved oxygen ? (TRUE/FALSE)
* **phytoplankton**: The projects involves data about phytoplankton ? (TRUE/FALSE);
* **nutrients**: The projects involves data about nutrients ? (TRUE/FALSE);
* **salinity**: The projects involves data about salinity ? (TRUE/FALSE);
* **temperature** : The projects involves data about temperature ? (TRUE/FALSE);
* **turbidity**: The projects involves data about turbidity ? (TRUE/FALSE);
* **other**: Additionnal information about data of the project;
* **platforms**: platform(s) where data is hosted or displayed;
* **sensors**: Information about satellite resources involved;
* **equipment\_used**: Information about equipment used to collect data;
* **acquisition\_method**: Information about the method of acquisition (Field, Remote, Lab);
* **algorithm**: Information about tools, code and algorithms of the projects;
* **validation**: Information about validation method of data;
* **sampling\_protocols**: Information about sampling protocols;
* **frequency\_observations**: Information about frequency of observations (Continuous, Hourly, Daily, Weekly, Monthly, Annually, Other);
* **applications**: Usage of the produced data;
* **mandates**: Mandates in which the project takes part;
* **users\_supported**: To be filled in the designed columns (proposed categories: research, public, private, other). It would be good to check and avoid duplications with the “mandates” column.
* **data\_availability**: Information about how open is the data;
* **data\_distribution**: Information about how the data is distributed;
* **website**: Link to the project website(s) (up to 3);