

## A GLOBAL ACCESS DATABASE FOR YOUR CETACEAN WORK : AN EFFICIENT WAY TO SAVE TIME.

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We present the structure of an access data-base we developed to manage all the information collected by CIRCE during our work on cetacean, seabirds and turtle. This data-base allows a rapid extraction and calculation of the observation effort, species sighting, and information related to acoustic recordings, behavioural data and photo-identified individuals. Anthropogenic data such as the number of vessel, vessel type and underwater noise are also included. This data-base is structured in 4 sub-database, totalling 15 different tables. The first sub-database manage all the information on the observation effort, such as the observation platform, sea and weather conditions. The second one consists in sightings data of the different animals observed. Related to each sighting, a photo-identification subroutine manages all the information contained on each picture taken: quality of the picture, number of individual present, number of individual identified and their identity. Finally, all the acoustic data consisting in cetacean recordings, noise sampling and of the acoustic signatures of most of the boats present in the Strait (resident boats) are also merged into the data base. This global data-base allows to relate all the information available and to visualise them for a given area, time period, species and/or a given individual. The data-base allows creating the tables in dbase IV format which is interfaced with a GIS (Arc-View 3.2). This Data base is completely compatible with the programs made by the IFAW, like Logger 2000 and Rainbow Click. The data-base was created in ACCESS 2000 to allow new changes, and the creation of new queries to work with other software without any problem and can be adapted according to the individual need. Free version of this data base structure is available on request and condition of use are indicated at [www.circe-asso.org](http://www.circe-asso.org)