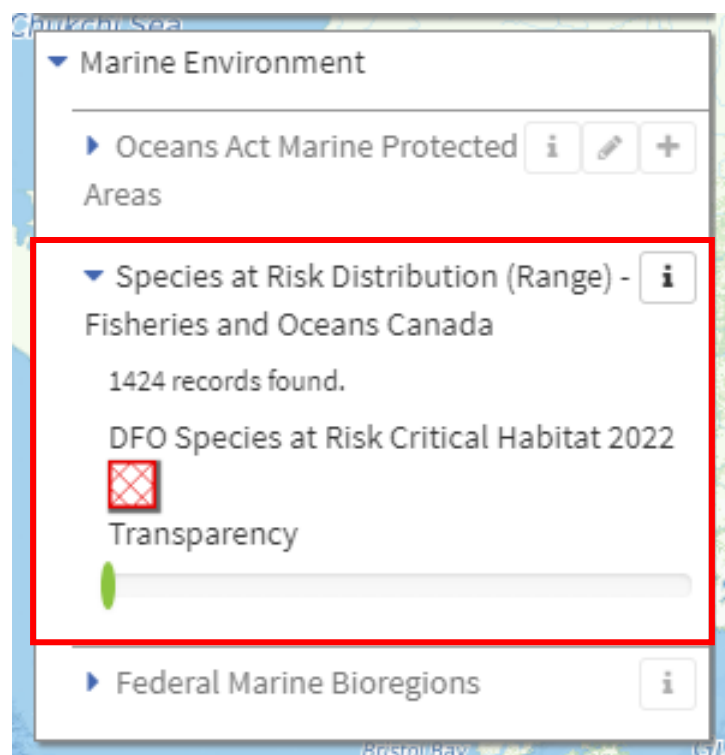## GEOSPATIAL METADATA

Geospatial metadata provides information about the identification, the extent, the quality, the spatial and temporal aspects, the content, the spatial reference, the portrayal, distribution, and other properties of spatial data and services

In Summary, geospatial metadata is the set of descriptors about the spatial data, for instance, you may wish to know what the extent of the data is, how it was obtained, who captured and processed the data, when it was obtained and updated, and so on.

Based on metadata you can assess the reliability and level of confidence about the data, let's say that you have two different spatial data sources about Canada's National Parks and one of them must be selected to appear on the map. Without metadata, it is a difficult decision, how can you decide which data source is more reliable and up to date.

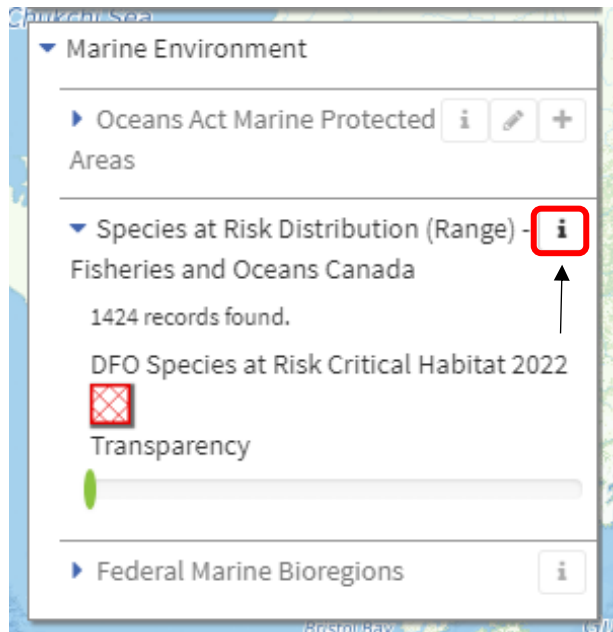## ACCESSING METADATA AND PROPERTIES IN EMSA.

For the example, let's take a look at the "Species at Risk Distribution (Range) - Fisheries and Oceans Canada" layer.

First click on details:

After clicking on the 'i' icon, you have a window with "Properties" and "Metadata" tabs. "Data" tab is discussed in another training document.

In the panel called "Properties" there are some metadata information such as the name and description of the data in English and French.

Finally, accessing the panel called "Metadata", you can have some additional information. It is key to note that Metadata is properly organized and structured, hence easier to read.
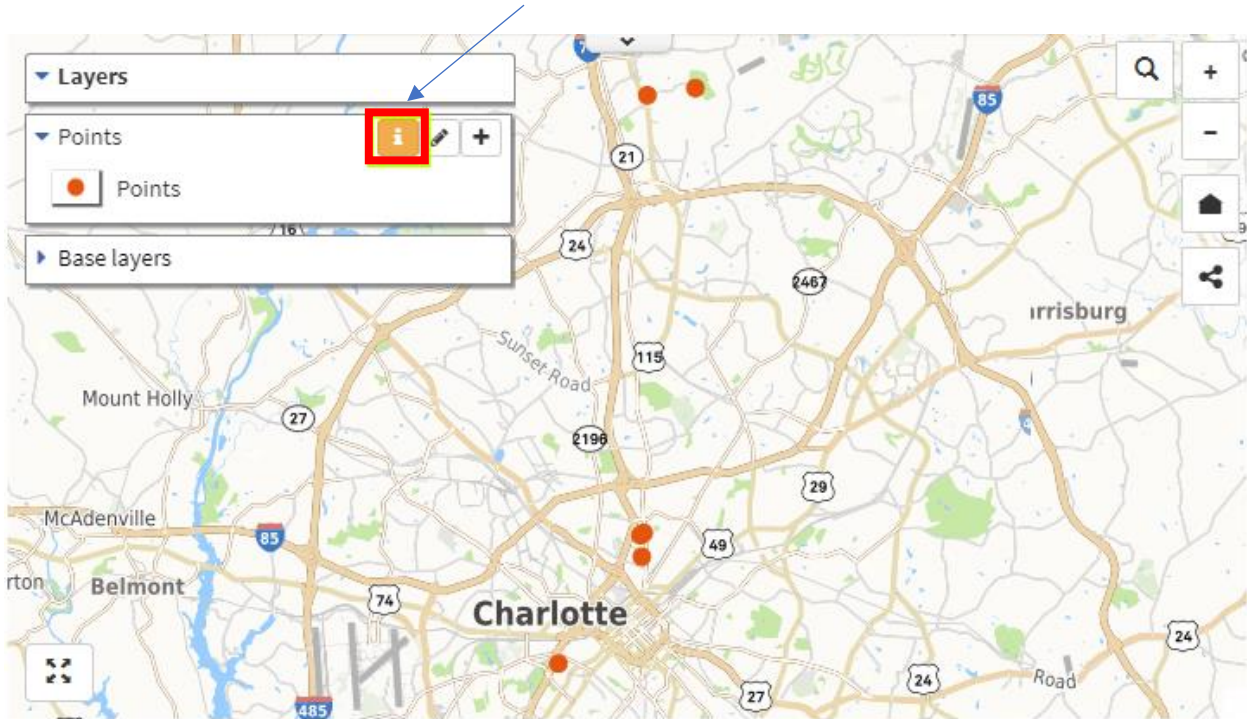
Terms of use

Terms of use may be defined on a data source. These terms are a non-binding way of informing users about relevant information pertaining to the data source, such as:

- Who owns the data (and their contact information)
- Intended use(s) of the data source
- The level of accuracy of the data

In a map or mapping application, you can identify if a data source has defined terms of use, since the 'i' icon button is orange.

To see the details of the terms of use, click on the 'i' button and in the window click on Terms of use tab to see its content