How to use Species at Risk Web Services

*These instructions intended for GIS or non-GIS practitioners, they are not intended for Web developers*

**Background:**
Using a Web Service allows us to visualize and share Species at Risk data in a “Read Only” manner.

The source data is stored with DFO network and published as a service to provide access both within the DFO network and to external partners (Figure 1).

Any updates to the data are automatically reflected in the service as soon as it is (re-)published this minimizing the back-and-forth of sharing data and ensuring partners and users have the most up-to-date version.

These services will also be shared with the Federal Geospatial Platform (FGP) when it goes “live”.

**Service Links:**
Link to English

[http://geoportal.gc.ca/arcgis/rest/services/SpeciesatRisk/DFOCriticalHabitat_EN/MapServer](http://geoportal.gc.ca/arcgis/rest/services/SpeciesatRisk/DFOCriticalHabitat_EN/MapServer)

Link to French


Clicking on the links above will open a page in your Internet Browser. From there you will have some options as described below.

![Data flow for a web service](image)

Figure 1. Data flow for a web service
How to View the data:

1. If you have ArcMap – Choose the VIEW IN: ArcMap option; this will automatically bring the data into ArcMap where it can be saved as a project.
2. If you don't have ArcMap –
   a. ArcGIS.com Map. This will allow you to “build” a custom map with data and/or basemaps that are available to the public (e.g. add Railways, topographical)
   b. Google Earth. This is a useful tool to see where there is CH but it doesn't give you information about the species.
      i. If you wish to view the species' data go to bottom of page and select Generate KML operation and follow instructions below:

To ensure that the species' information is transferred to the KML, choose the “Vector Layers as vectors...” option and open the generated file in Google Earth.