REPRODUCIBLE REPORTING

and Species At Risk

The Nature Legacy Fund supported this project to streamline the process of providing science information and advice by automating the generation of required information to support a variety of assessments and reviews in support of Science advice.

The 5 types of information available in the reproducible reporting are summarized in this infographic.

1 DATA →

Location of Species At Risk from a variety of sources including standardized surveys, opportunistic data, citizen science, fisheries logs

2 MODELS →

Species distribution models use known locations of a species and information on environmental conditions to predict species distributions.

3 EXPERT OPINION →

Interpretation of information, support with model validation, documentation of caveats, disclaimers and uncertainty

4

At DFO, the Species at Risk Program can request Science advice on the best available information on habitat requirements of species listed as Endangered or Threatened under the Species at Risk Act

This request can trigger a Canadian Science Advisory Secretariat CSAS) process that may result, in part, in the identification of:

IMPORTANT HABITAT

Under the Species At Risk Act

5 CRITICAL HABITAT

is designated in a Recovery Strategy as the habitat required for the recovery or survival of a species listed as Endangered or Threatened. Important habitat is, in part, used to identify Critical Habitat.

MARITIMES REGION

https://github.com/AtlanticR/MSP/tree/master/SearchPEZ