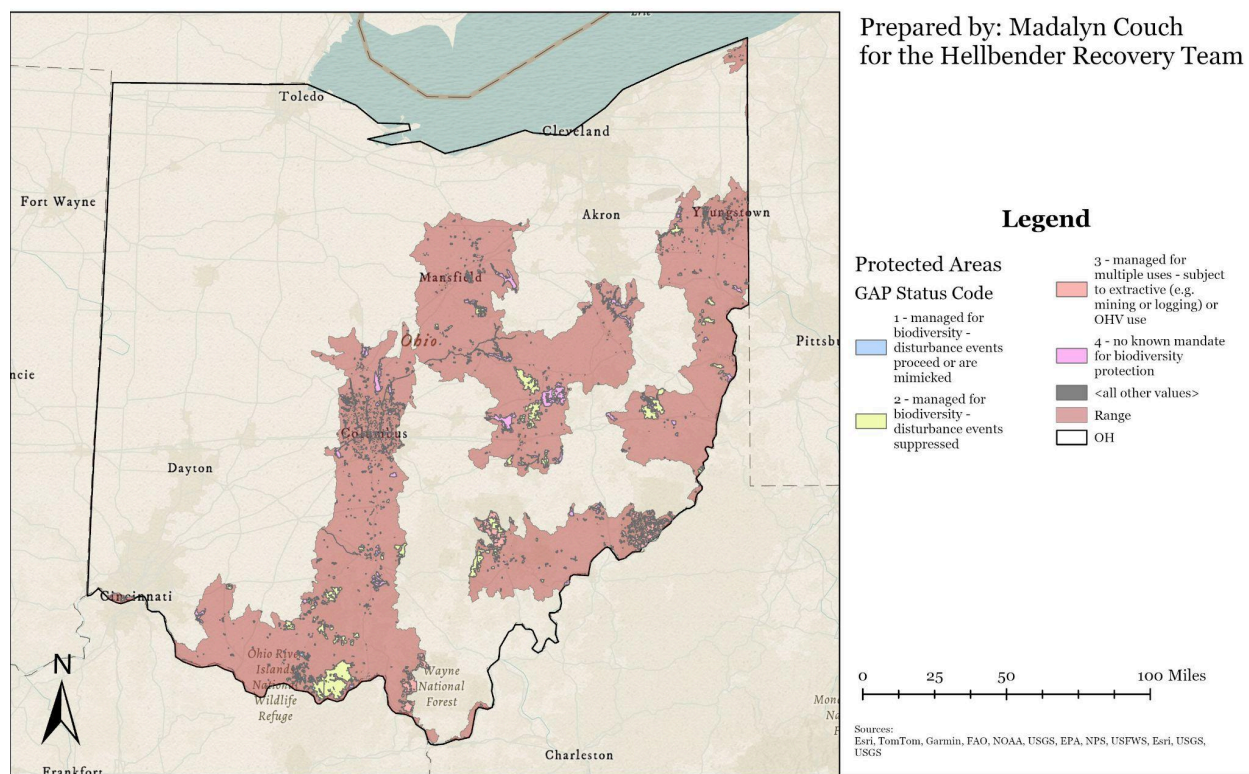The following analysis was performed for my final project in my BIO456 Conservation Biology course at Miami University. In this project, we created a species recovery plan modeled after plans created by the US Fish and Wildlife Service. I prepared our gap analysis, which is shown below.

GAP Analysis of Eastern Hellbender Habitat within Ohio

Fig. 1 GAP analysis of Eastern Hellbender throughout Ohio using USGS data.

Gap Status	Area (m²)
1	63,114,536.68
2	**1,038,968,079.83**
3	409,066,606.82

4	980,999,395.29

Table 1. GAP analysis results of the amount of suitable habitat in meters squared per status area in Ohio. The total area of Ohio is 1.16096e+11 m^2.