The Chesapeake Bay Habitat Tool was recently developed to help assess in-Bay habitats for restoration and protection activities. Funded by the NOAA Restoration Center through The Nature Conservancy – NOAA Community Partnership, the project seeks to bring together relevant spatial data layers from throughout the Bay and present them to users via an interactive web-mapping platform. The map includes existing data layers which depict features such as tidal wetlands, oyster bars, submerged aquatic vegetation, and shoreline land use. Several new layers were also developed which describe benthic habitats, bedforms, and ecological marine units, among others. These data layers can be viewed in context to help inform planning and decision making. Additionally, an analysis was run to prioritize areas for potential wetland restoration activities. Each analysis unit was assessed for a suite of relevant metrics (e.g. fetch, shoreline land use, proximity to other features of interest) and prioritized based on these metrics. This results in a prioritized wetland restoration dataset. Further, a custom analysis tool was developed to allow users to create their own wetland restoration & wetland protection prioritizations by selecting the metrics & parameters of their choice. This presentation will give an overview of the project and its methods, and will include a brief demonstration of the map and tool.