

Habitat Metrics

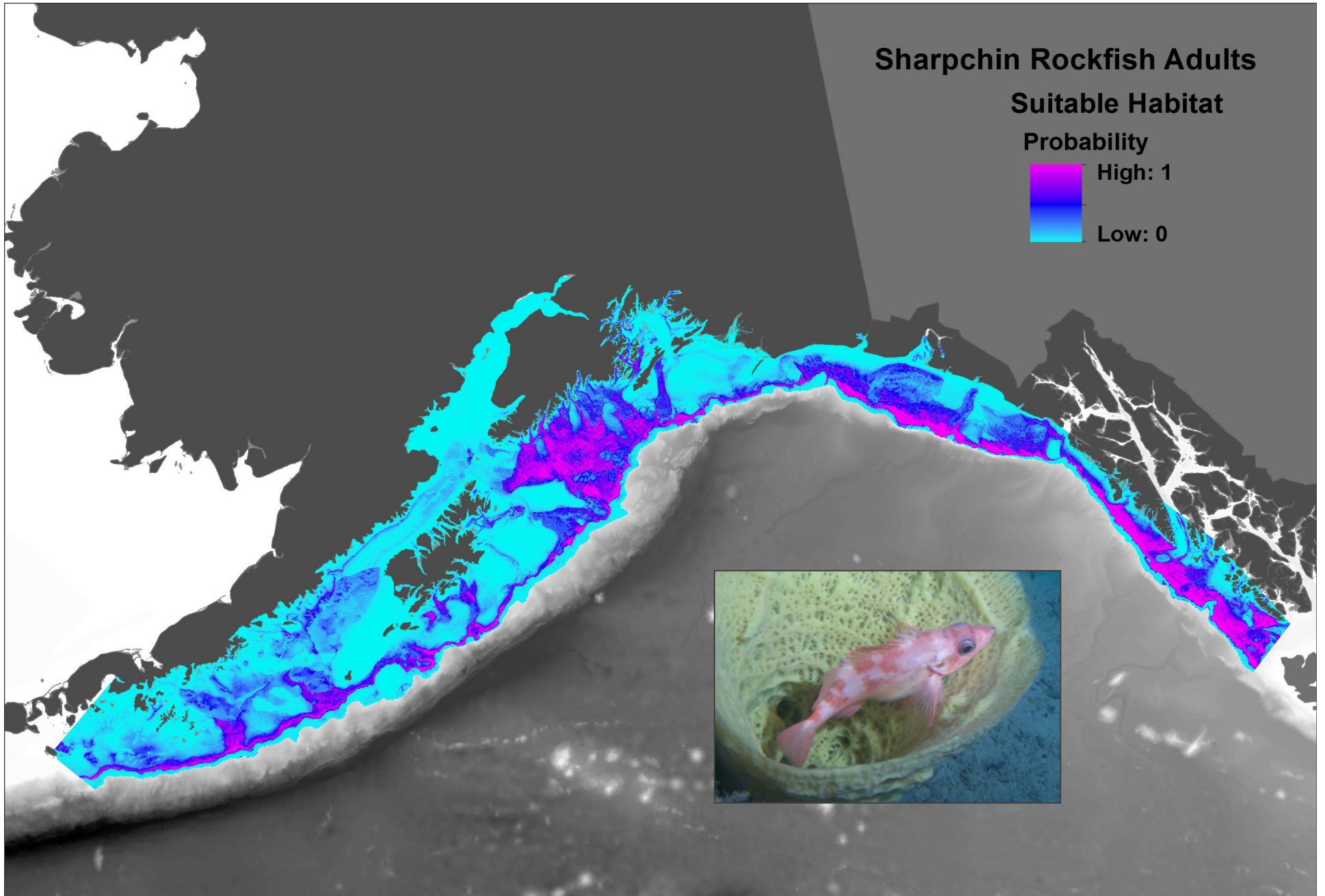
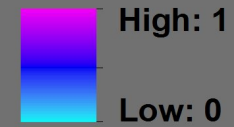
Presence-only Models

- Seafloor Terrain: depth, slope, aspect, curvature, bathymetric position index (BPI)
- Structural Invertebrates: coral, sponge, and whip presence
- Biophysical: bottom temperature, bottom current speed, tidal current speed, primary and secondary production
- Next Steps: rockiness surface from sediment and substrate features and other seafloor data

Sharpchin Rockfish Adults

Suitable Habitat

Probability



MaxEnt Model: AUC = 0.88 Parameters = Depth (36%), Sponge (present) (21%), Whips (absent) (16%), Bathymetric Position Index (3.3 km, highs) (7%), Bottom Current Speed (higher) (6%).

