

High-level features in marine object recognition include the specific shape or configuration of the fishes, crabs etc., such as whether the fish is moving or whether the crab is sitting idle. Other high-level features include body morphology, behavioral characteristics and taxonomy.

Low-level features include Position, orientation, and size of the species, as well as features extracted from individual aquatic animal, such as their curvature or length of fins. Other low-level features might include the color, texture, or motion of the animals or fish. Overall, at this step, model can extract color, shape, fins, scales, eyes, mouth, and body-size.

