Machine Learning Based Hierarchical Image Recognition

Start

↓

Get Image from Camera

↓

Optional Image rescaling to match the N Convert to JPEG

↓

Is Image at Min Heigh/Width?

— YES → Ready to Now Lower the Drone TO Evaluate for Mosquito/Larve → **END**

NO ↓

Divide and Crop the image into 4 equal parts (W/2, H/2)

↓

Evaluate Each Cropped Image for Waterbody Using CLassifier

↓

Is there A Waterbody Mark this Tile — YES → Push This Tile To Process Further

4 (loop back)