



# Evolving USGS Chesapeake Bay Studies 2019-2025

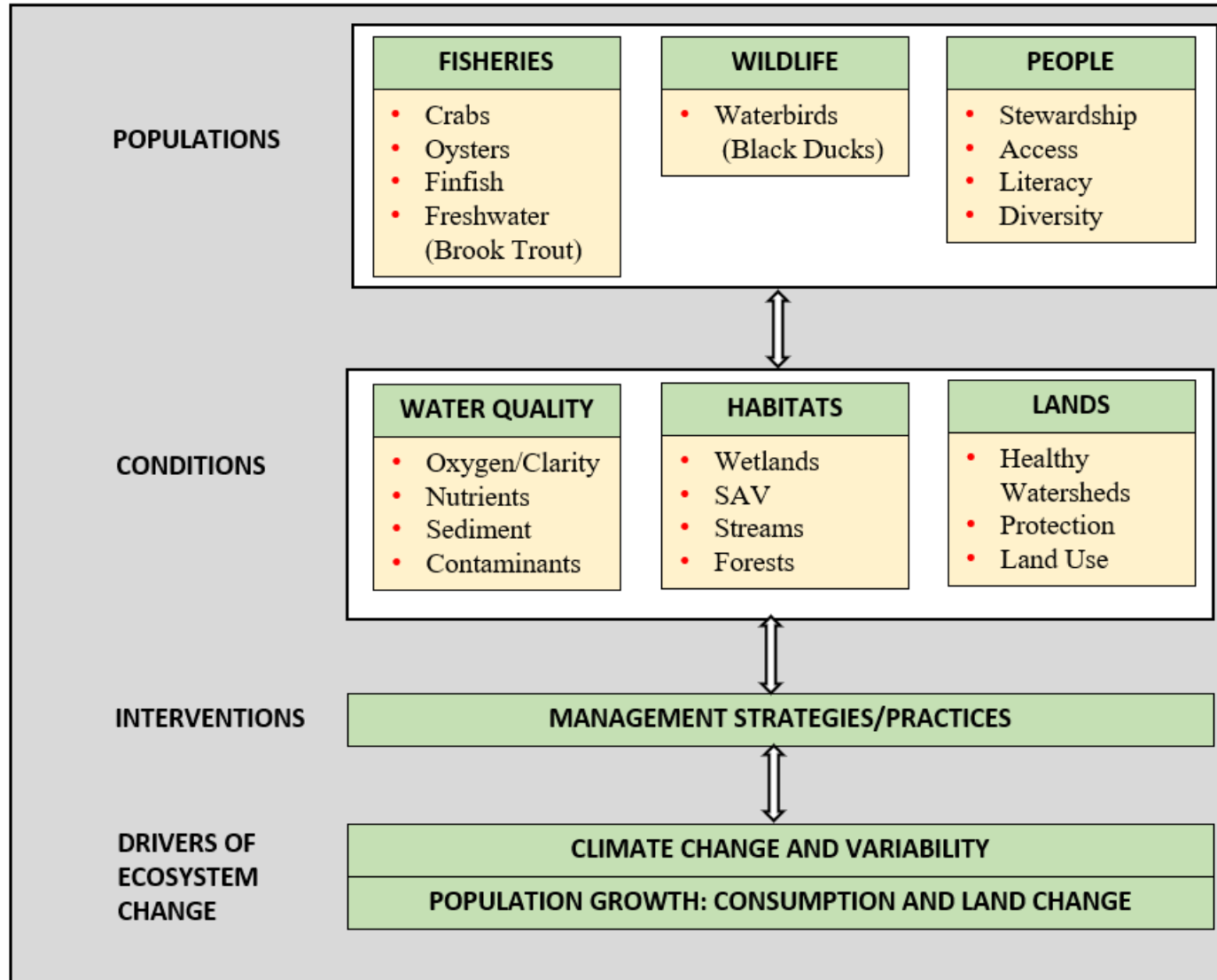
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# USGS Chesapeake Needs and Science Themes

## CONCEPTUAL DIAGRAM OF CHESAPEAKE BAY ECOSYSTEM



## USGS Themes:

1. Fish habitat, health, and aquatic conditions
2. Coastal habitats and waterbirds
3. Land change and watersheds
4. Integrate and engage stakeholders

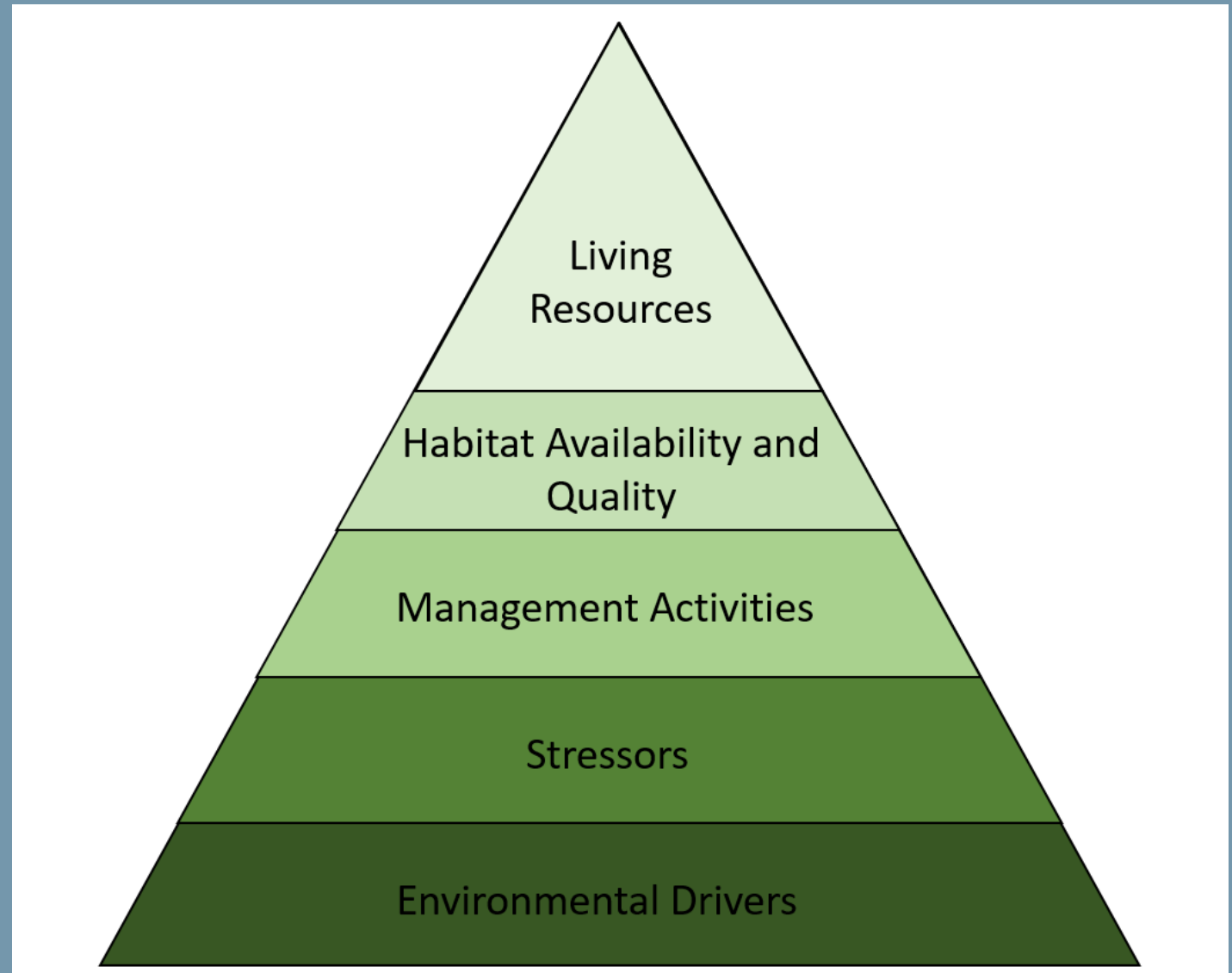
# Theme 1: Fish Habitat, Health, and Aquatic Conditions

## CBP:

- Fish habitat
- Stream health
- Brook trout
- Fish passage
- Toxic contaminants
- Water quality

## USGS:

- Ecosystems
- Water
- Environmental Health



# Theme 1: Fish Habitat, Health, and Aquatic Conditions

## Habitat Settings:

- Cold headwaters
- Streams and Rivers
- Tidal Fresh
- Estuary

## USGS Efforts in watershed

- Explain changes
- Conditions and factors
- Status and trends

