

Aquatic Biomes

Oceans

Ecosystem services

1. Oxygen supplied to organisms via water circulation
2. Water purification by organisms living there
3. Climate moderation
 - Water changes temp -> slowly changes world temp

Economic Services

Food, energy, pharmaceuticals, harbors/transportation, recreation, tourism, employment, minerals/mining, freshwater production via desalination

Wetlands

Land areas saturated and covered with water - Coastal marshes -> temperate areas -> sea grasses - Mangroves -> tropical areas -> shrubs/bushes

One of the most productive areas - Due to river input, tidal mixing, and lots of sunlight

US has lost over 50% of wetlands since 1900 - New Zealand and Italy over 90%
- In the past -> Due to development - In the future -> Due to sea level change flooding them