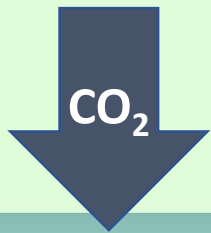


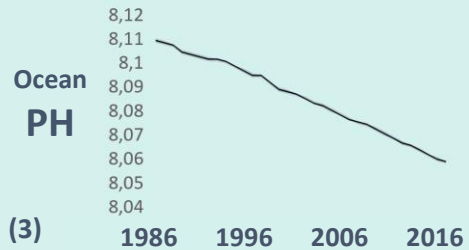


OCEAN ACIDIFICATION ON

SUSTAINABLE DEVELOPMENT



Acidification



Harm to marine life

- Calcifiers: Mollusks and crustaceans (10)
- Predators that prey on calcifiers (10)
- Increased vulnerability: coral reefs (9)



Effects on fisheries

- Lower mollusk harvest: estimated \$100 billion losses globally (7)
- Loss of jobs: fishing, processing, sale (10)



Human health risks

- Lower food security (8)
- Loss of coastal protection (9)
- Physical and mental health issues (8)
 - Toxic metal accumulation (5)
 - malnutrition (8)
 - job insecurity (8)
- Fewer options to obtain medical resources (8)

Future solutions

- Reduce CO2 emissions (10)
- Submerged aquatic vegetation (6)
- Artificial ocean alkalization (4)

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