Organisms, such as coral reefs, are often referred to as coral reefs due to their unique ecosystem. In the face of rising temperatures, coral reefs are facing an increasing threat from climate change. Coral reefs are home to a diversity of marine life, including fish, sea turtles, and octopuses. However, as the ocean becomes warmer and more acidic, coral reefs are becoming more susceptible to bleaching and death. This is a major concern for the health of the ocean and the many species that depend on it. To combat this issue, researchers are working on developing new technologies and strategies to protect coral reefs. One approach involves using satellite imagery to monitor the health of coral reefs from a distance. This allows scientists to detect early signs of bleaching and take action to protect the reefs. Additionally, efforts are being made to reduce greenhouse gas emissions to slow the warming of the ocean. These actions are crucial in ensuring the survival of coral reefs and the biodiversity they support.