

# The Coral Reef Microsite

This microsite will focus on presenting the fascinating ecosystem of coral reefs — their structure, biodiversity, environmental importance, and the threats they face. The site will be visually rich, combining photography, data visualization, and concise educational content. It will be organized as a multi-page experience for clear navigation.

## Site Structure and Content Outline:

1. Home Page / Introduction
  - a. Overview of coral reefs and their global significance
  - b. Striking hero image of a reef ecosystem
  - c. Brief introduction text and navigation to other sections
2. Formation and Structure
  - a. Explanation of what coral reefs are and how they form
  - b. Types of reefs (fringing, barrier, atoll)
  - c. Infographic or diagram of coral anatomy and reef zones
3. Biodiversity
  - a. Overview of the species that inhabit reefs (fish, corals, invertebrates, etc.)
  - b. Interactive gallery or ecosystem visualization
  - c. Role of symbiosis (e.g., coral and zooxanthellae relationship)
4. Environmental Importance
  - a. Ecosystem services provided by reefs (coastal protection, carbon storage, tourism, fisheries)
  - b. Statistics and visualizations
5. Threats and Conservation
  - a. Human impact (climate change, bleaching, pollution, overfishing)
  - b. Conservation efforts and global initiatives
  - c. What individuals can do to help
6. Sources / Credits
  - a. List of references including Wikipedia article and additional resources
  - b. Image and data credits

Total Pages: 6

Navigation: Top navigation bar with consistent layout and responsive design for mobile and desktop.