

Moorea Coral Reef LTER

<http://mcr.lternet.edu>





US National Science Foundation's Long Term Ecological Research Network



Established by NSF in 1980

26 sites representing diverse ecosystems:

- Terrestrial / marine
- Tropical / temperate / polar
- Ecosystems include:
forests, deserts, grassland, alpine,
tundra, dry valleys, kelp forests, polar,
pelagic ocean, coral reefs





Moorea Coral Reef (MCR) LTER Site



- **Moorea Coral Reef Site**

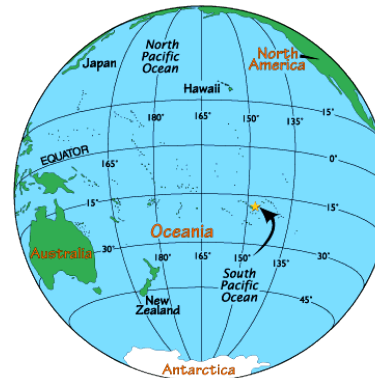
Established as 26th site in 2004

Four PI's and 18 Associate Investigators from UCSB, UCSD/SIO, UCSC, UCD/BML, CSUN, U. Hawaii, Duke



- **Gump Research Station**

All field work conducted on the island of Moorea, French Polynesia



- **Key Research Themes**

- 1) How do coral reefs recover from disturbances (cyclones, crown-of-thorns, bleaching)?
- 2) What will the coral reefs of the future look like and how will they function?

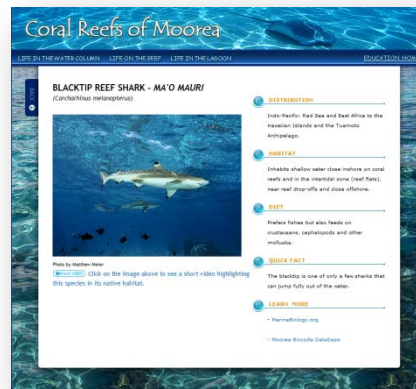
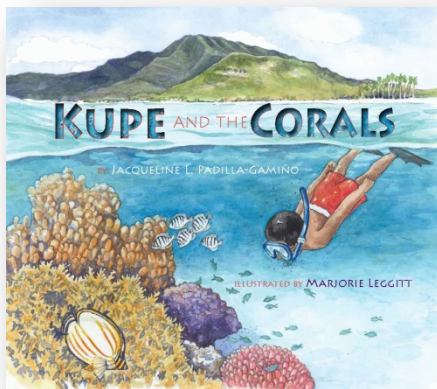


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Resources for Teachers:

- Lesson plan library
- Encyclopedia of marine life (photos and videos)
- Interviews and descriptions of research
- Children's book (Grades 3 and 4)
- Data freely available
- RET opportunities



<http://mcr.lternet.edu/education/>

Interested?

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