



The Guam Ecosystems Collaboratorium's (GEC) mission is to work towards achieving the sustainability of coral reef ecosystems and biodiversity in the face of environmental change.

- Mapping the genetic landscape of coral species on Guam and characterize the temporal and spatial dynamics of physical and chemical oceanographic processes that affect coral reef ecosystem function.
- Developing critical capabilities for digitally-archiving and sharing Guam's marine biodiversity through the development and use of a Biorepository and online-accessible database.



- Improve campus cyber-infrastructure in order to increase capacity and facilitate utilization and distribution of large data sets.
- Develop and provide STEM opportunities at the University of Guam and within the community
- Develop and maintain a global Collaboratorium of researchers to coordinate and enhance research efforts on climate effects upon marine and coastal systems

