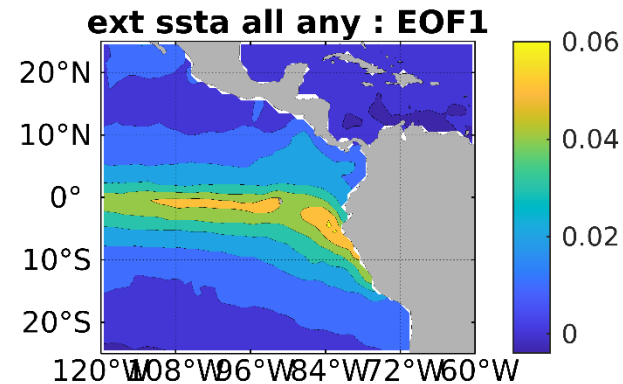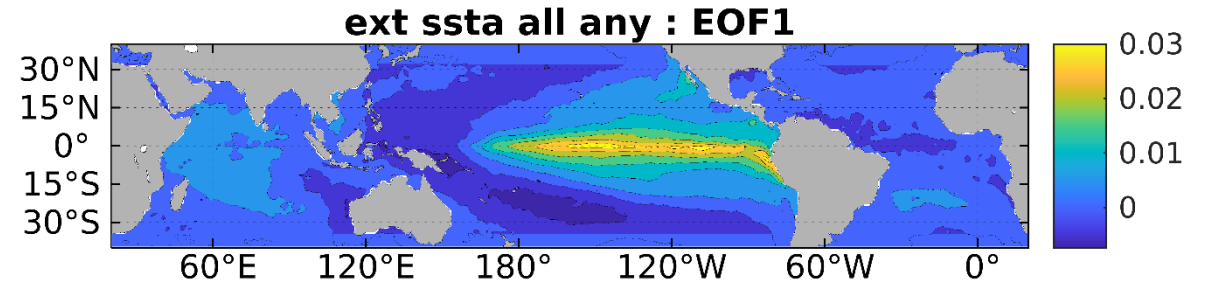# Coral Reef Bleaching
Samantha Engler

Objectives

- Predict coral bleaching conditions
  - DHW, HSP, HSA, SSTA
  - Extended EOF analysis
- Seasonal resolution
  - Matrix sizes
  - Missing data

Results

- Global vs regional differences
- Compare random infilling to matrix factorization

Comparison of SSTA at 25% water, all locations, any temporal coverage for global area and for just the Caribbean area