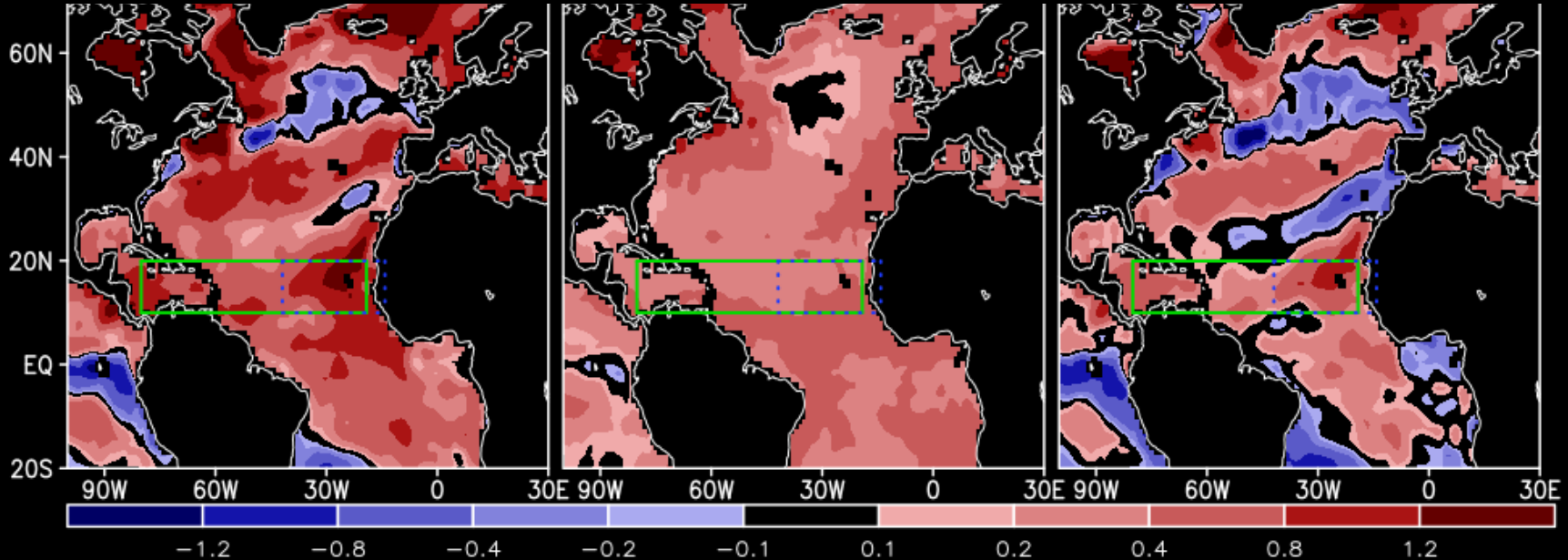


Climate Change and Climate Variability Impacts on Sea-Surface Temperature in the 2017 Atlantic Hurricane Season

SST Anomaly [Kelvin]

Trend Contribution

Variability Contribution



Anomalously warm Sea-Surface Temperatures (SST) were a major cause of the highly active 2017 Atlantic Hurricane Season. The SST anomaly from the long-term average (left) had contributions from climate trends (center) and climate variability (right). In the region of tropical cyclone formation (green box) the contributions of climate trends and variability were comparable in August/September 2017.