

# Climate variability and extreme weather events

The work consists on:

- analyzing the occurrence of extreme weather events and their future projections (using historical *observations and model simulations*); and
- Investigating how ocean and atmospheric dynamics influence high-impact extreme weather events.

The selected student will work closely with researchers at NOAA/AOML and CIMAS

Major U.S. heat wave clusters (1900-2010)

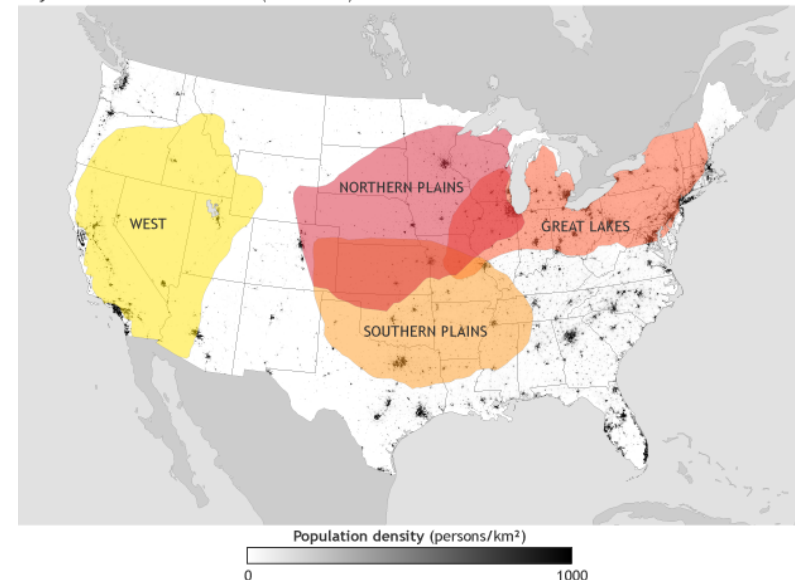


Figure. Major heat wave regions and their future projections (NOAA Climate.gov)