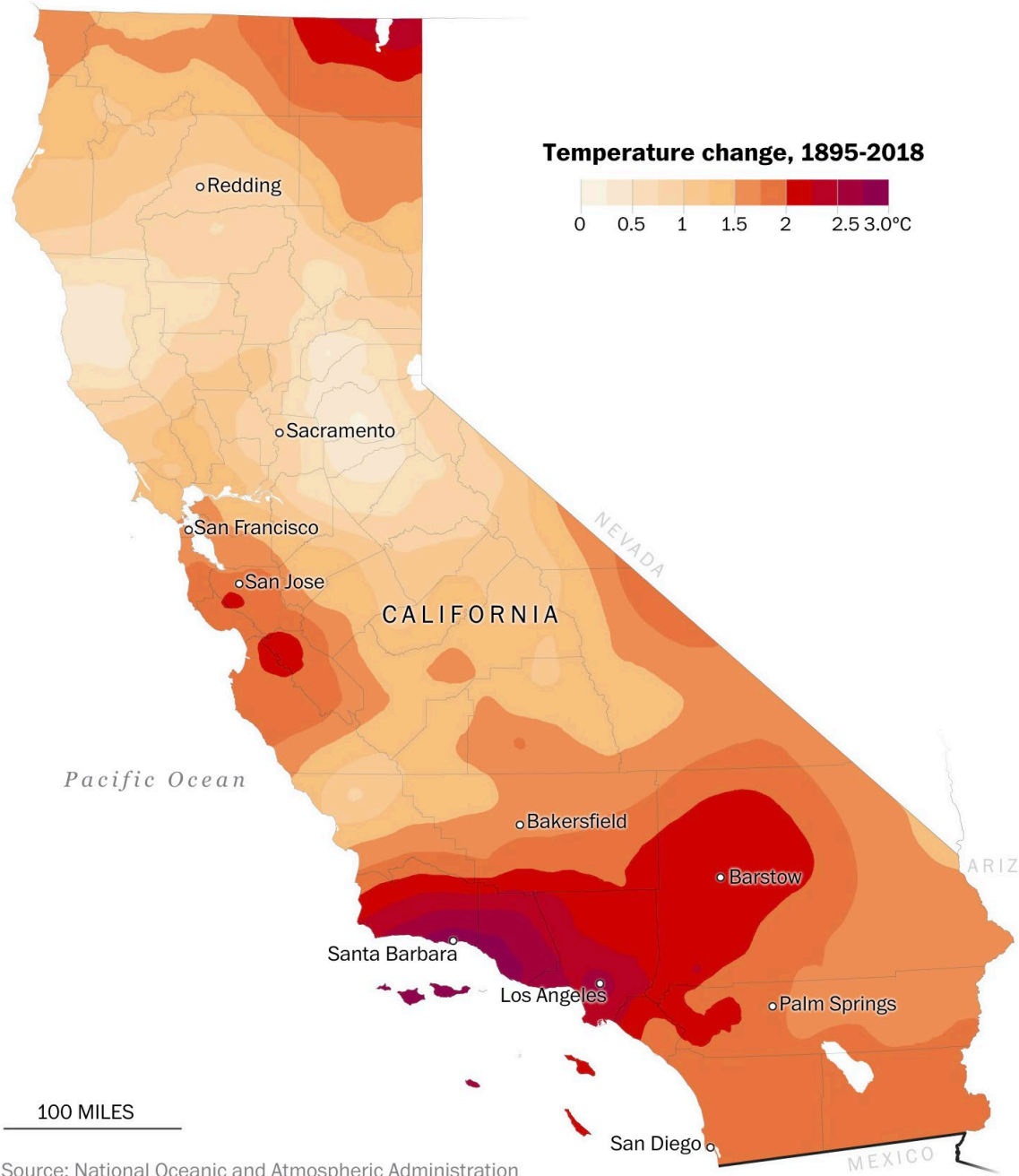


Climate Change and Agriculture in Ventura County

Khagendra Bharambe (PhD)

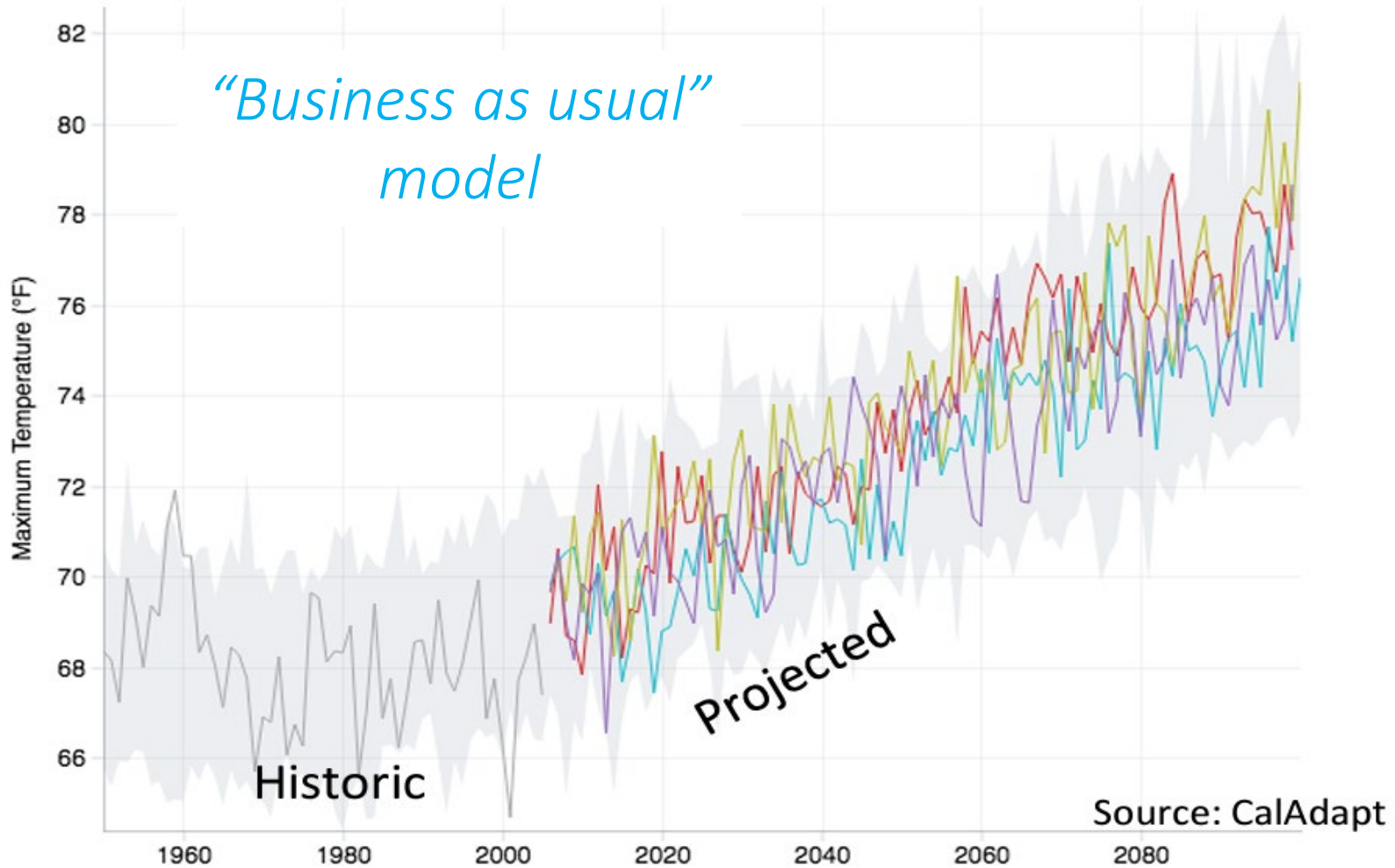


Ventura County recently ranked as the fastest warming county in the contiguous United States



Projected temperatures for Ventura County relative to 1901-2000

Maximum temperature (F)



Impacts of climate change on agriculture

Extreme heat (116 °F)



Drought stress



Wind damage



Farm worker heat stress



AgroClimate Project objectives



Detailed literature review to assess climate impacts on important crops in Ventura County



Analyze past and future climate projection data for annual **State of the Climate Report**



Develop meaningful agroclimatic indicators and tools to assist growers in decision-making



Develop educational resources and outreach to guide climate-informed planning

Tunnel Heat Stress Monitoring Project



- Monitor environmental conditions and heat stress risk in polytunnels
- Evaluate hand-held heat stress instruments
- Develop management recommendations
- Develop educational resources and workshops