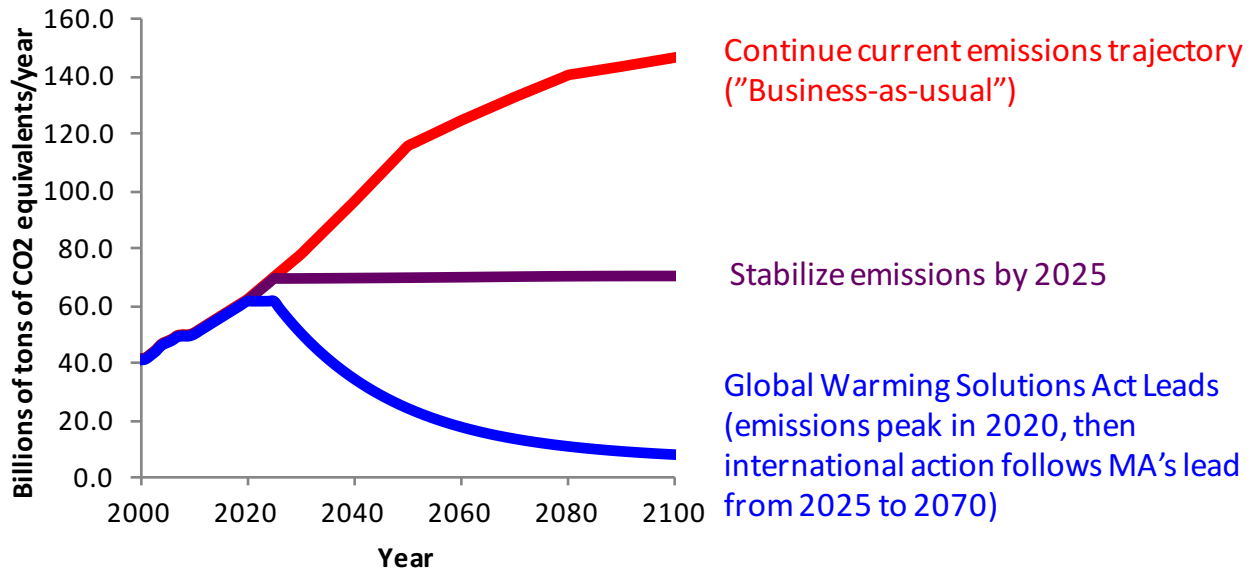
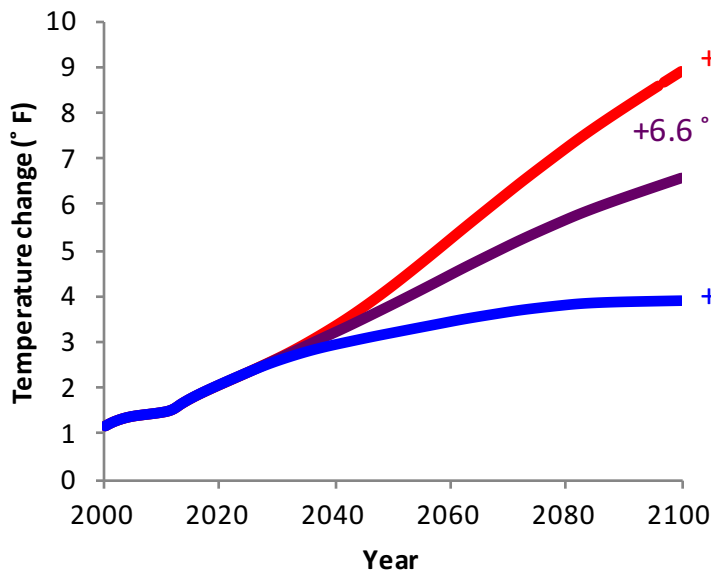


Emissions of heat-trapping gases



Temperature change since 1850s



- Multi-meter sea level rise by 2100 becomes possible
- Serious threats to food production
- Up to 50% of plant and animal species committed to extinction
- Severe damage to human health
- Mass migration and conflict

- Meet internationally accepted climate goal
- ~3 feet global sea level rise by 2100
- Adaptation still required

Juliette N. Rooney-Varga, Ph.D.

Director, UMass-Lowell CCI

Juliette_RooneyVarga@uml.edu

Climate-change-initiative.org

