

Crop Failure

Options to reduce impact	Legal needs/options to address impact	Market Impacts	Governance needs to implement	Trigger for regime change	New regime
CRISPR gene editing for drought tolerance	Streamline permitting; reduce precautionary principle; FPIC; protection from liability litigation; changes in IP law for forced licensing	Concentration of corporate power	Capacity to streamline effectively; capacity to persuade of safety; political consensus over need for action	Spiking food prices; migration based on food shortages; starvation	Shifting ranges of crops
Shifting ranges of crops	Zoning for ag	Purchase of new ag lands; opening up of public lands;	Infrastructure for water; transition for former ag communities	Market forces; internal migration	

Sea Level Rise

Options to reduce impact	Legal needs/options to address impact	Market Impacts	Governance needs to implement	Trigger for regime change	New regime
Sea walls	Streamline permitting; limit liability for loss of property value; protection for loss of coastal habitat; liability protection for failure?; limit future development; Impose property tax to capture increased values?	Rise and decrease in property values; insurance premiums	Is there existing authority?; regional capacity; finance; role for Corps of Engineers	Sandy II; sea walls fail	Managed retreat
Managed retreat	Zoning to prevent new development;				Forced retreat
Forced Retreat					
Avulsion/Accretion/Erosion					
Disaster response law					
Natural capital					

Drought

More frequent and intense storms

Disease Vectors

Immigration waves