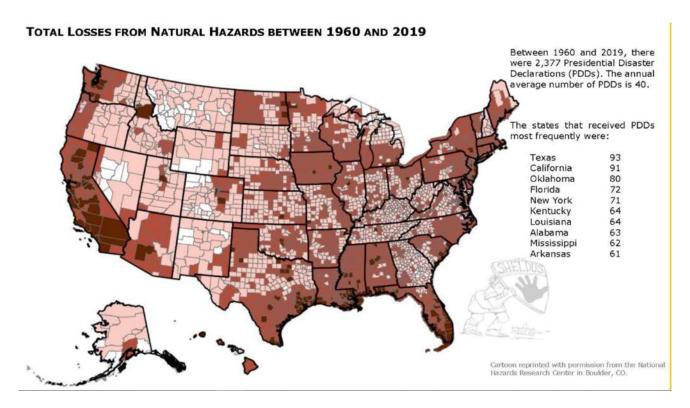
Climate migration in the US and New England: A social scientist's view

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Hazards happen (nearly) everywhere



Source: Spatial Hazard Events and Losses Database for the US, https://cemhs.asu.edu/sheldus/

Why do people persist in hazardous places?

- FEMA disaster recovery and environmental management policies over the past century or more are oriented to in-place adaptation
- Pro-growth community policies protect people and places
- People are:
 - Invested in communities, e.g. homeowners, place-based employment, social networks, churches, health care providers, etc...
 - Attached to places, e.g. cultural and familial roots
 - Housing affordability and access keep people locked in place
- County population growth after a hurricane tends to follow the prehurricane pattern
 - Growing counties grow
 - Stable or declining counties remain stable or continue to decline

What does environmental migration look like?

- When people are ready to move, environment plays marginal role in location choice
 - Life cycle migration: young adulthood, family formation, empty nesting, retirement
 - Destination choice reflects life cycle needs:
 - Cities concentrate jobs and people
 - Suburbs concentrate single family housing, schools, green spaces
 - · Retirement destinations concentrate more affordable cost of living and natural amenities
 - Environmental amenities attract in-migrants and retain residents
 - When does environment become a hazard?
 - Warm weather becomes a heat wave
 - Coastal amenities exposed to extreme storms and sea level rise
 - Mountain views become wildfire pathways

Climate migration in the future?

- Migration in the US will continue to be influenced by environmental amenities and disamenities
 - Changes in geographic population distribution will be gradual
 - Rapid onset events will displace people temporarily and cause more mobility
- Housing and disaster recovery policies will play a strong role in influencing hazard exposure
 - Housing affordability and access
 - Zoning housing out of repeat hazard areas
 - Disaster recovery public and private insurance policies