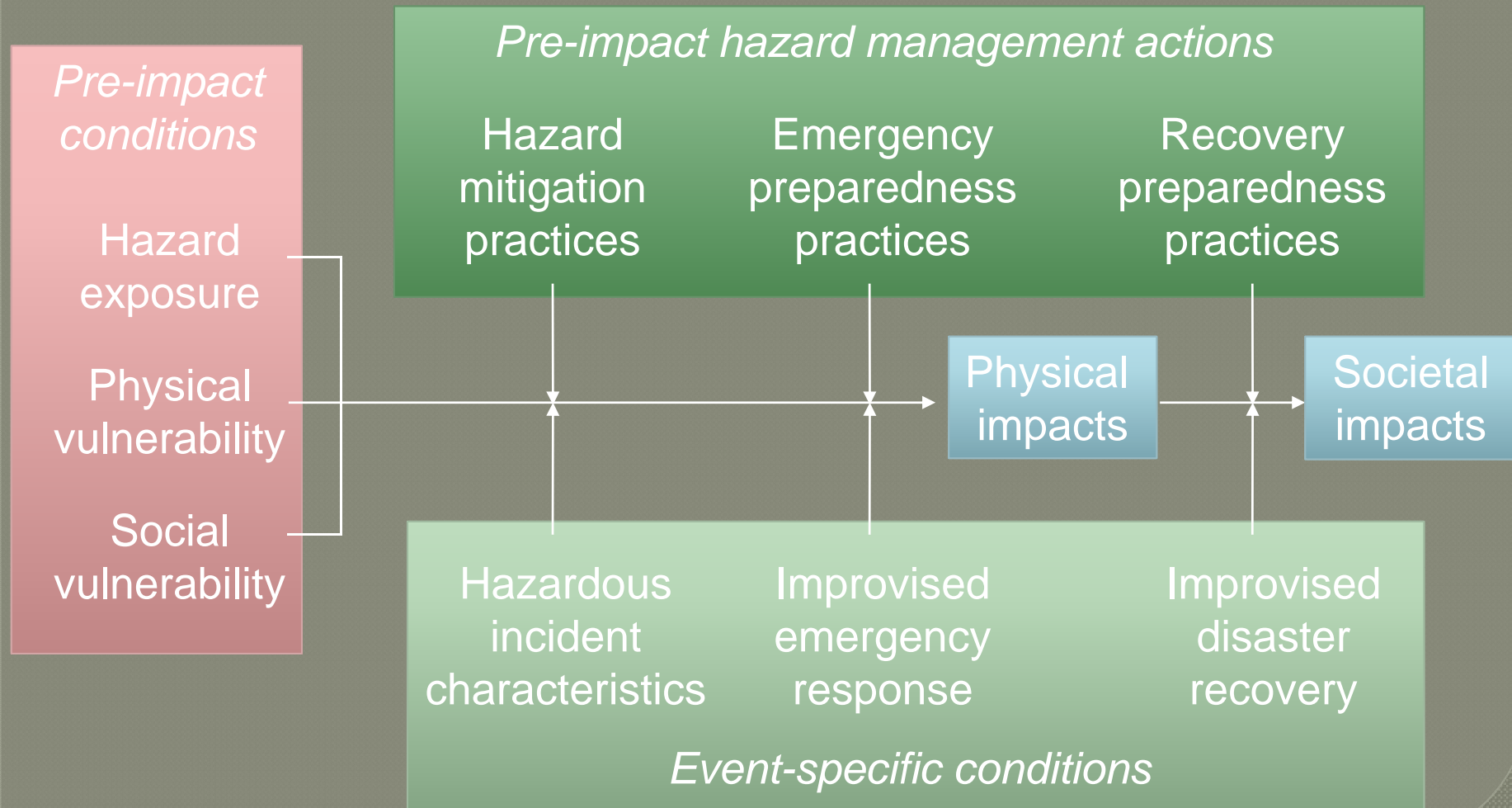


A Model of Disaster Impacts*



* Modified from Lindell, Prater, and Perry, 2007

Physical Impacts

- Casualties
 - Deaths
 - Injuries
 - Illnesses
- Property destruction
 - Buildings
 - Contents (furniture, equipment, supplies)
 - Infrastructure (water/sewer, power/fuel, telecommunications, transportation)
 - Animals and crops
- Environmental degradation / habitat loss

Societal Impacts

• Social Impacts:

- Psychological impacts
 - PTSD, Anxiety, Depression, Substance Abuse, etc.
- Health impacts
 - mortality, disease, long-term physical recovery,
- Demographic impacts
 - Population displacement, dislocation, and loss, etc.
- Economic impacts
 - Business loss, interruption, market instability, etc.
- Political impacts
 - Leadership loss & change, violence, instability, etc
- Resiliency Outcomes:
 - Recovery (speed and quality) & Adaptation

Pre-impact Conditions

- A critical element guiding Mitigation Planning should be a convergence or overlay of these three:

- Hazard exposure
- Physical vulnerability
- Social Vulnerability

These overlap
represent modeling
and forecast
opportunities:
Issues:

