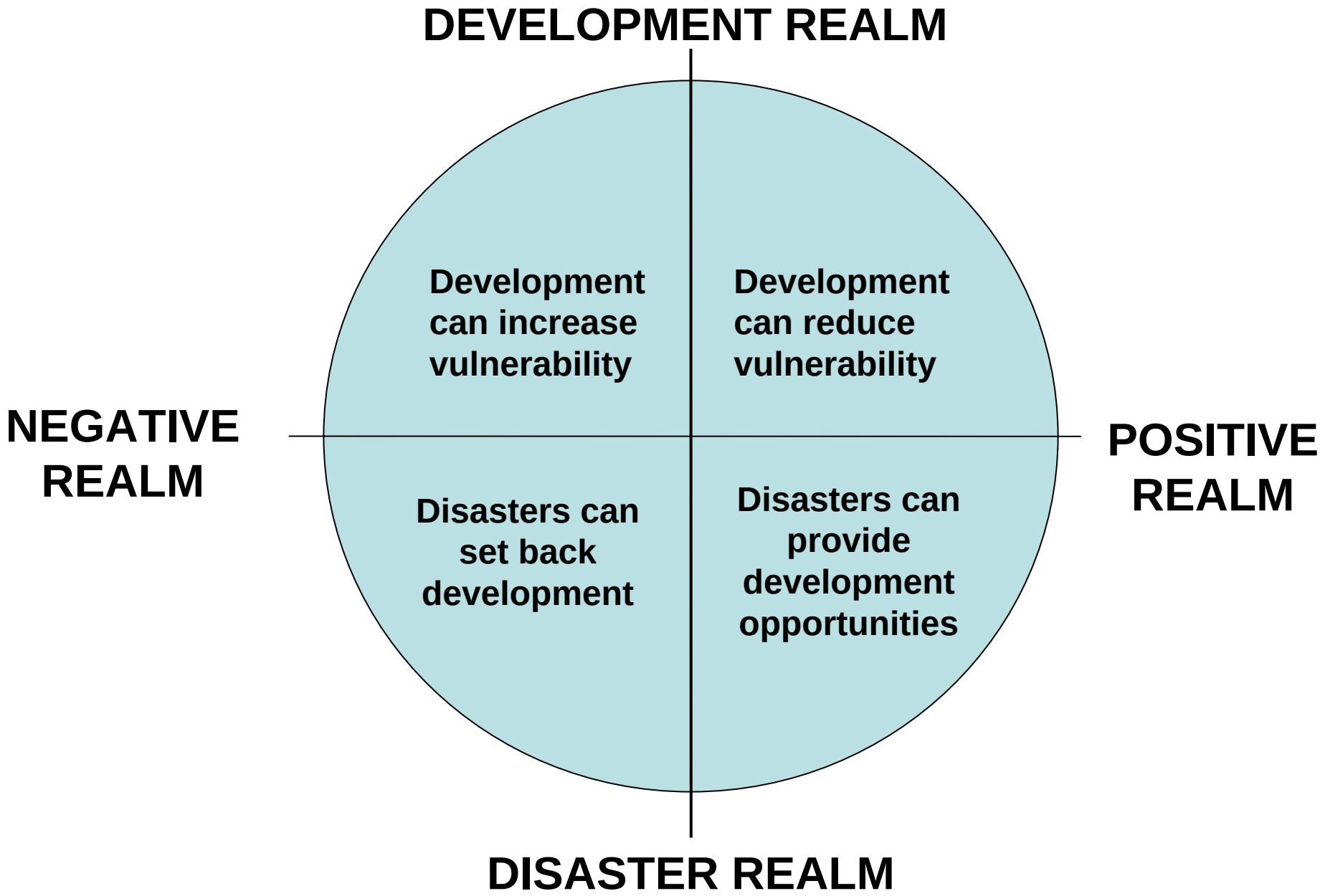
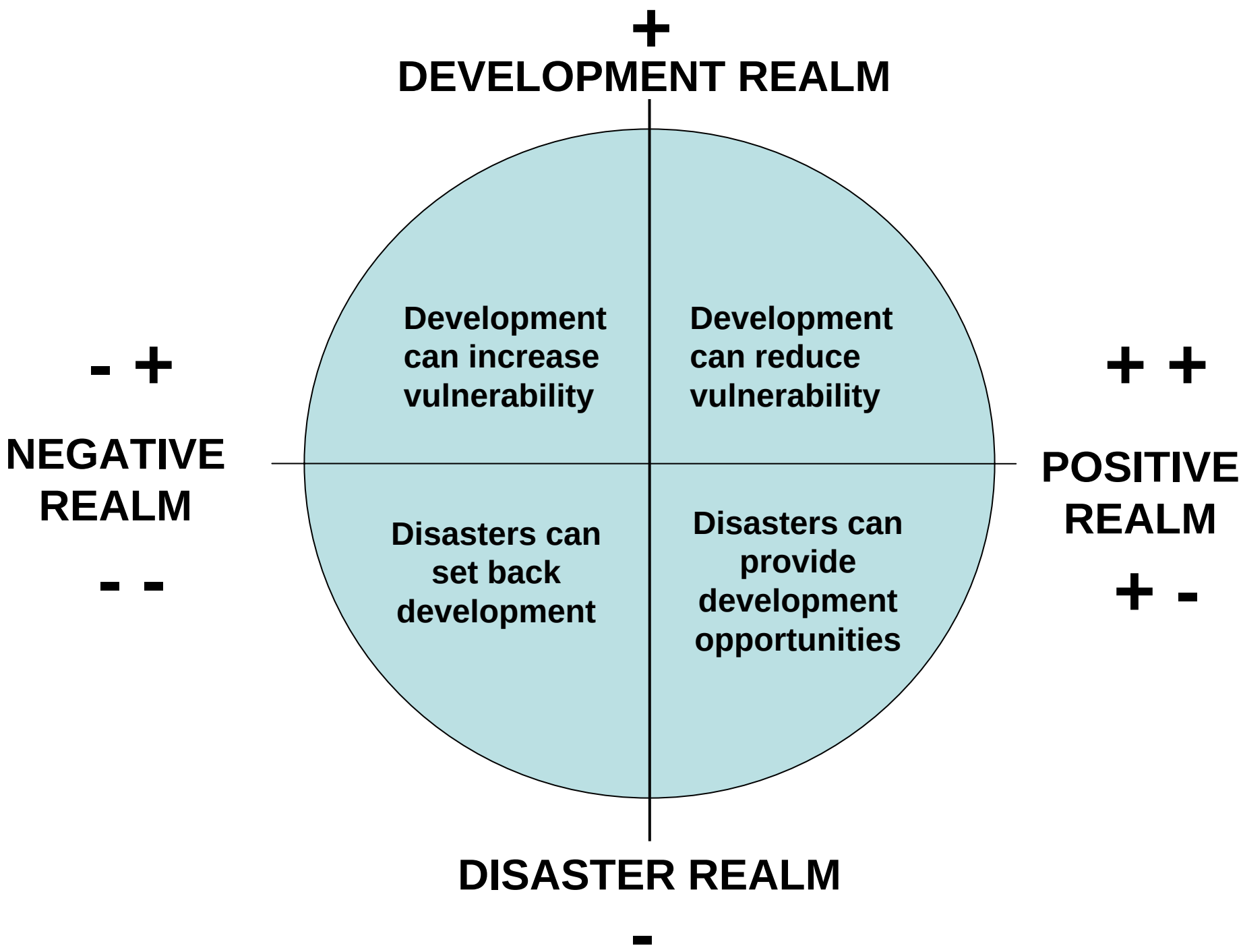

DEVELOPMENT REALM
NEGATIVE REALM
POSITIVE REALM
DISASTER REALM
Development can increase vulnerability
Development can reduce vulnerability
Disasters can set back development
Disasters can provide development opportunities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Development can increase vulnerability
Development can reduce vulnerability
Disasters can set back development
Disasters can provide development opportunities
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POSITIVE REALM
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DISASTER REALM
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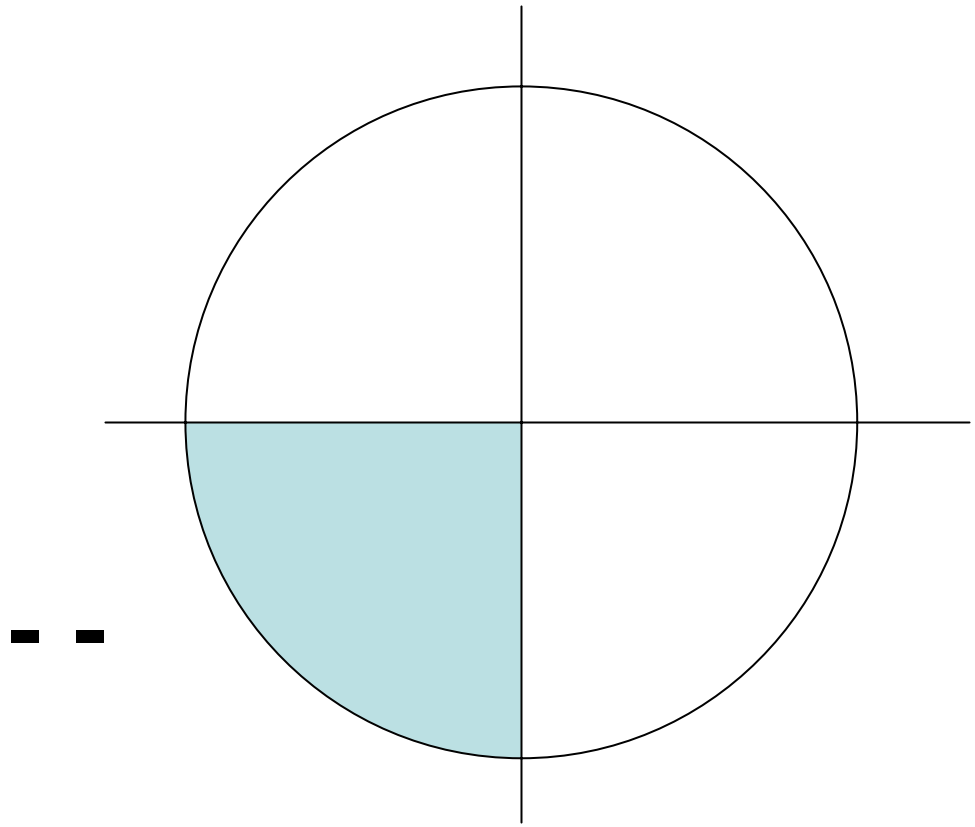
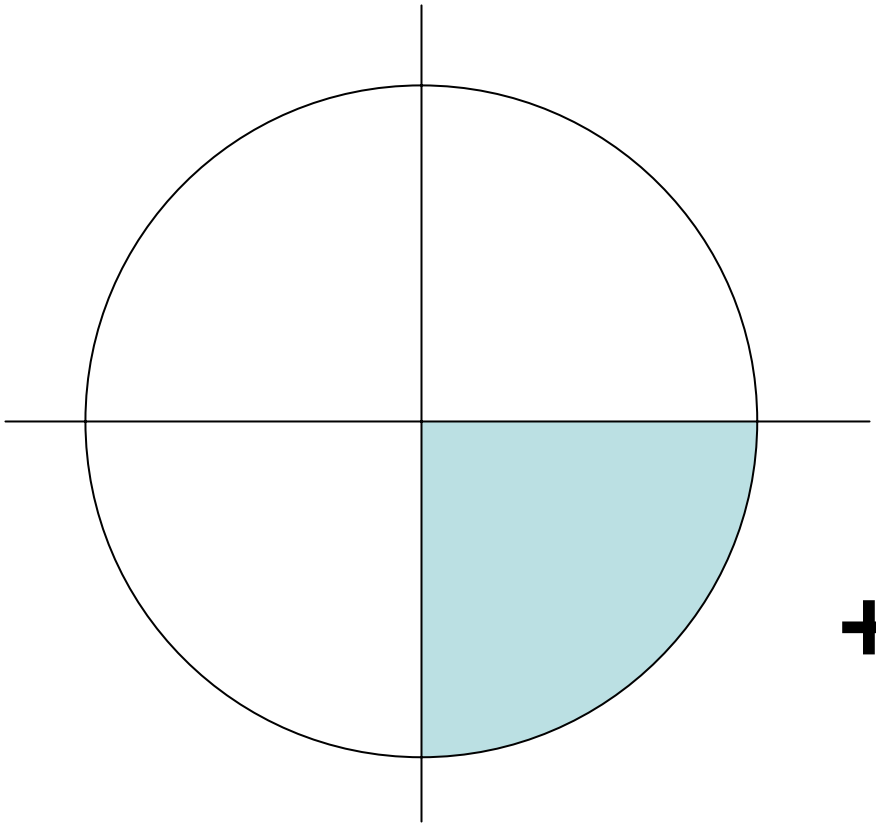
1. Disasters set back development programming destroying years of development initiatives



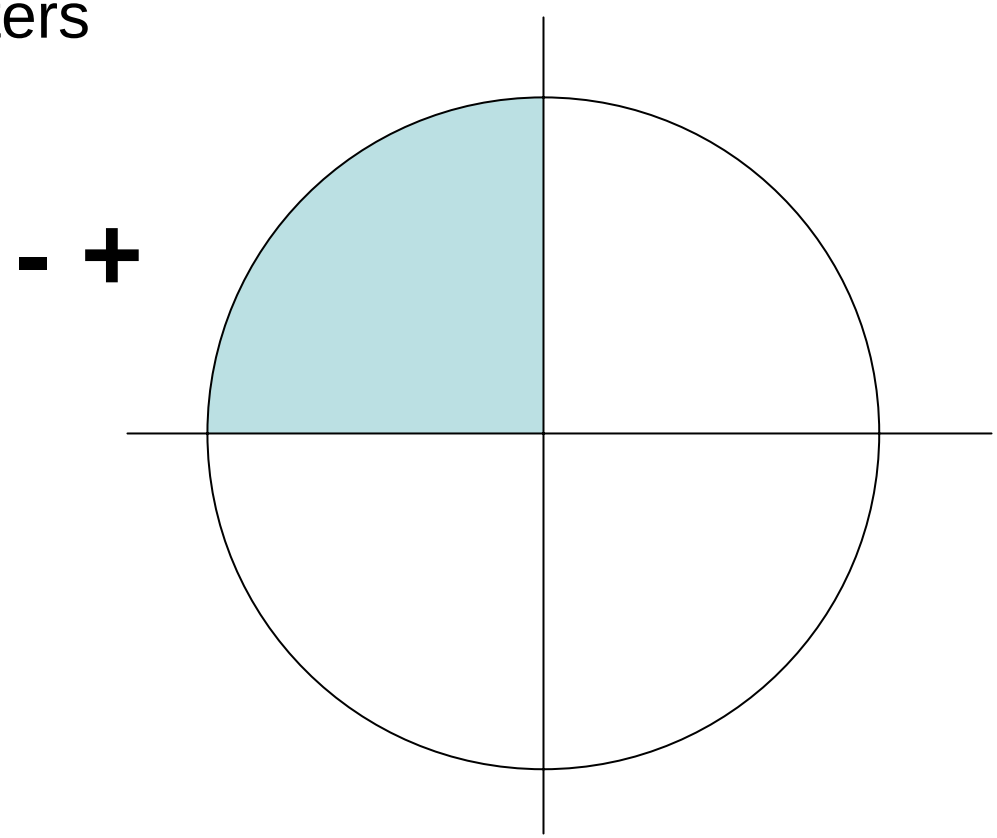
- Infrastructure improvement e.g. transport and utility systems are destroyed by a flood

2. Rebuilding after a disaster provides significant opportunities to initiate development programs.



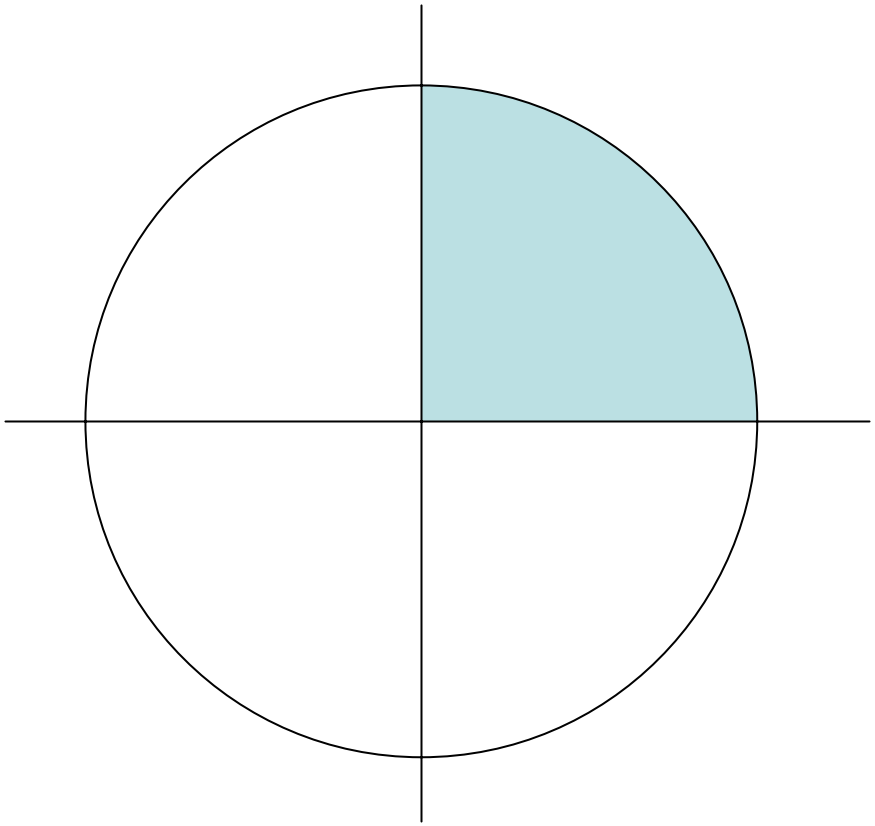
- A self-help housing program to rebuild housing destroyed by an earthquake teaches new skills, strengthens community pride and leadership and retains development dollars that otherwise would be exported to large construction companies.

3. Development programs can increase an area's susceptibility to disasters



- A major increase in livestock development leads to overgrazing, which contributes to overgrazing, which contributes to desertification and increases vulnerability to famine.

4. Development programs can be designed to decrease the susceptibility to disasters and their negative consequences



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- Housing projects constructed under building codes designed withstand high winds result in less destruction during the next tropical storm

SUMMARY:

- Disaster can hold up development by:
  - Loss of resources
  - Shifting of resources to emergency response
  - Depressing the investment climate
  - Affecting the non-formal sector
- Development can increase vulnerability through:
  - dense urban settlement
  - development of hazardous sites
  - environmental degradation
  - technological failures or accidents imbalance of pre-existing natural or social systems

- Development programs can reduce vulnerability through:
  - Strengthening of urban utility systems
  - Hazard resistant building techniques
  - Institution building and capacitation of local authorities
  - Agricultural and forestry
- Disasters can provide development opportunities by:
  - Creating a social and political atmosphere of acceptance to change
  - Highlighting the general level of underdevelopment that caused the disaster
  - Focusing international attention and aid on the disaster area

- Recovery programs should be designed to reduce vulnerability through:
  - Targeting areas of high risk
  - Support of the private and non-formal sectors
  - Enhanced management training programs