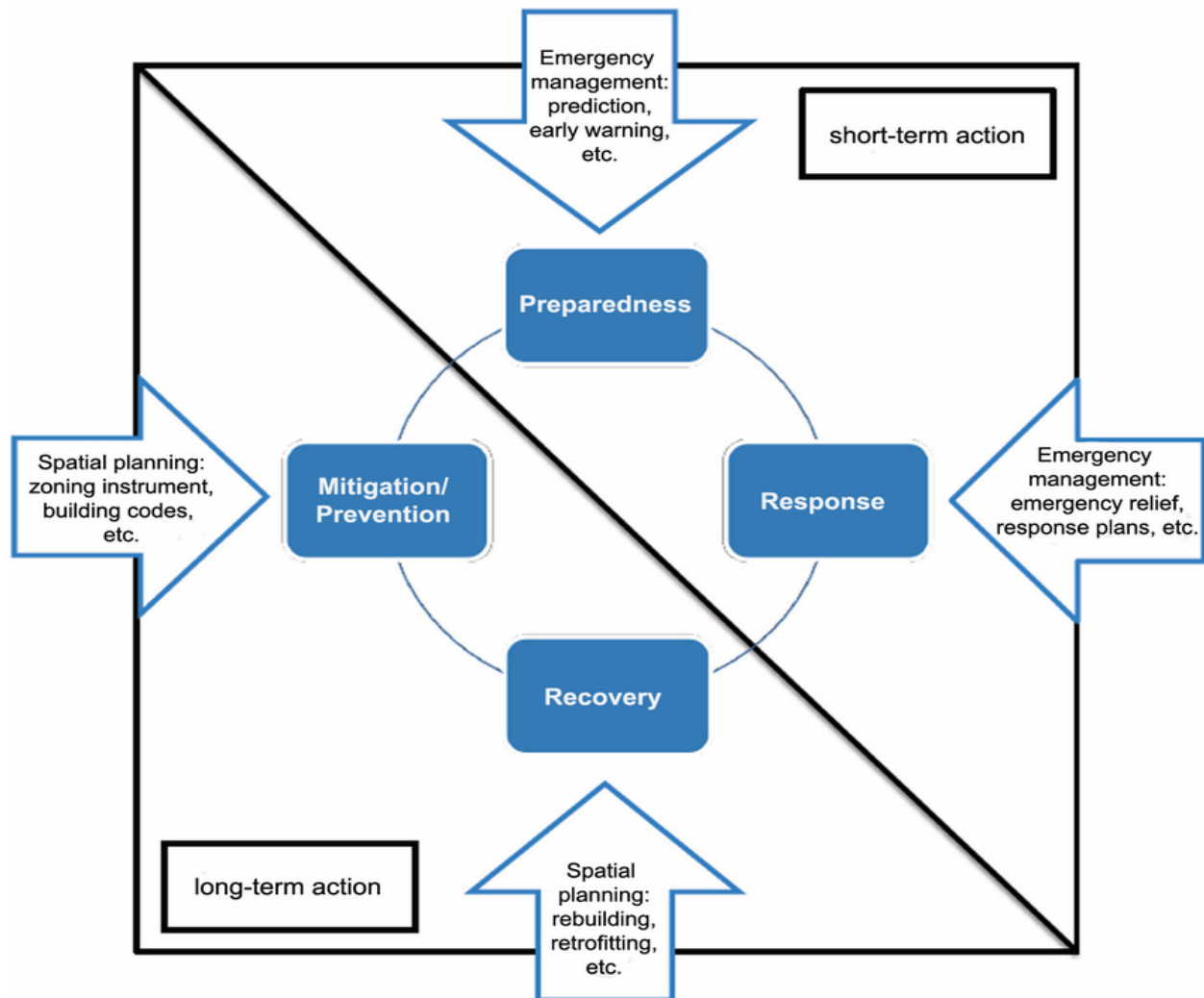


Short term and Long Term Prediction in Hazard Analysis



Short term prediction in hazard analysis:

- 1) Forecast
- 2) Early warning
- 3) Preparedness
- 4) Tracking/monitoring approach of disaster
- 5) Alertness/evacuation.

Long term prediction in hazard analysis:

- 1) Safe construction for houses/strict implementation of safety codes
- 2) Hazard-proof roads, bridges, canals, water reservoirs, power transmission lines, etc.
- 3) Flood-protection measures
- 4) Improvement of warning systems
- 5) Organizing people for counter-disaster activities.
- 6) Soil conservation/afforestation in river catchments
- 7) Planting shelter belts/mangroves in coastal areas
- 8) New cropping patterns to minimize crop loss
- 9) Prevent human settlements in low-lying areas, relocate settlements to safer places.