

## Post-disaster reconstruction ---- a new topic of planning

2004——The Indian Ocean tsunami

2005—Hurricane Katrina of America

2008——Wenchuan Earthquake of China

No matter natural disaster or man-made damage, how should human beings conduct rescue and post-disaster reconstruction?

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## Subdivision of the disaster areas

- Low mountain regions:
  - High-impact from earthquake
  - Low-impact from geological disasters
  - Low-impact of Ecological problem
- Deep valley regions:
  - High-impact from earthquake
  - High-impact from geological disasters
  - Low-impact of Ecological problem
- Highland regions:
  - Low-impact from earthquake
  - Low-impact from geological
  - disasters – High-impact of Ecological problem





























## Attention to the "Black Swan"

- Black Swan---Rare and unpredictable event which is unexpected but changes all. It shows that the knowledge we gain from observation or our experience is with serious limitations and vulnerabilities.
- However, almost everything in our social life is generated by those rare but significant impact vibrations and leaps.
- Almost all major disasters have the "Black Swan" features:
  - Rarity;
  - Impact Resistance;
  - Predictability after the event;

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# Legal and Policy Support

#### • Government guidance:

- To have a sense of risk
- To have emergency Reserve

### • public participation:

- Post-disaster reconstruction must be careful to properly handle, otherwise, it will cause new problems and trigger a new disaster.
- Social assistance will help rebuild disaster areas. However, it still depends on the people of disaster areas to create a better future.

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