project language

**disaster patterns that hinder human use of built environment**

- loss of infrastructure
- loss of safety
- psychological support
- lack of response to emergency needs
- displacement

**regenerative patterns that support human use of built environment**

- function
- liveable communities
- psychological support
- lack of response to emergency needs
- displacement

*adapted from A Pattern Language

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ARE WE READY?

**Earthquake Hits Portland, 8.0 M**

**North Portland’s Land is Liquefied**

**Up to 1,900 URMs buildings predicted to fail**

**What Can Architecture/Design Community Can We Plan for Resilience?**

This thesis will explore how a pattern language can be used to identify existing and potential strategies for emergency preparedness, and in some cases these strategies can be used to be improved. In order to do this, there are several steps that need to be taken:

1. Identifying the current state of the area.
2. Understanding the potential for disaster in the area.
3. Developing strategies for emergency preparedness.
4. Implementing these strategies in the area.

There are many opportunities for regrowth in post-disaster situations, and this can be used to generate a greater quality of life for the community. In the case of the inner southeast zone, the city level and all stakeholders need to communicate effectively and work together. The existing conditions in this area can be used to improve the area, and this preemptive plan would allow for thought-out design decision in the rush of rebuilding post-disaster.