PEOPLE CENTERED APPROACH TOWARDS RESILIENT ARCHITECTURE

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WHY people-centered approach towards resilient architecture?

Cultural appropriateness
Indigenous knowledge
Marginalised groups are left with no choice.





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My Learnings





Bhopal, Gas Tragedy | 1984
Odisha Super Cyclone | 1999
Bhuj Earthquake | 2001
SRI LANKA | Tsunami | 2004
Uttarakhand Floods and Landslide | 2013
NEPAL | Earthquake | 2015









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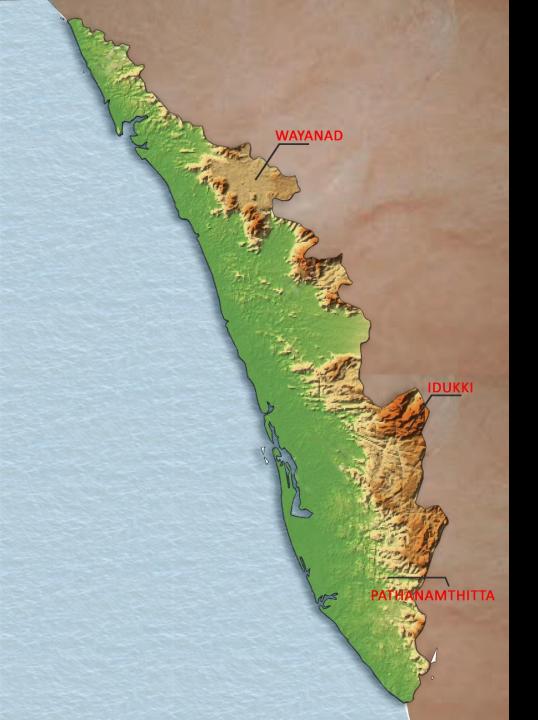


DAMAGE CAUSED

- -Loss of life/Livelihood/Shelters
- -Agriculture
- -Livestock
- -Land salinization
- -Infrastructure



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ENVIRONMENTAL FACTORS

- -Unprecedented rainfall
- -Land use
- -Environmental laws
- -Protected biospheres

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SOCIAL FACTORS

- -Lack of awareness
- -Weak institutional mechanisms
- -Blatant violations



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POSITIVES

- -Social Mobilisation
- -Fishermen community
- (management)
- -Political will
- -International models on Health care





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BUILD BACK BETTER

- -Eco sensitive land use policy
- -Traditional idioms
- -Habitat literacy
- -Appropriate technologies and materials
- -Changing trends in design
- -Disaster resilient architecture
- -Retrofitting

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HOLDING HANDS

-UNDP-Habitat Shelter Hubs Awareness | Consultation | Disaster resilient construction literacy

-Government of Kerala

-NGOs/Non Profit Organisation

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UN-HABITAT SHELTER HUBS

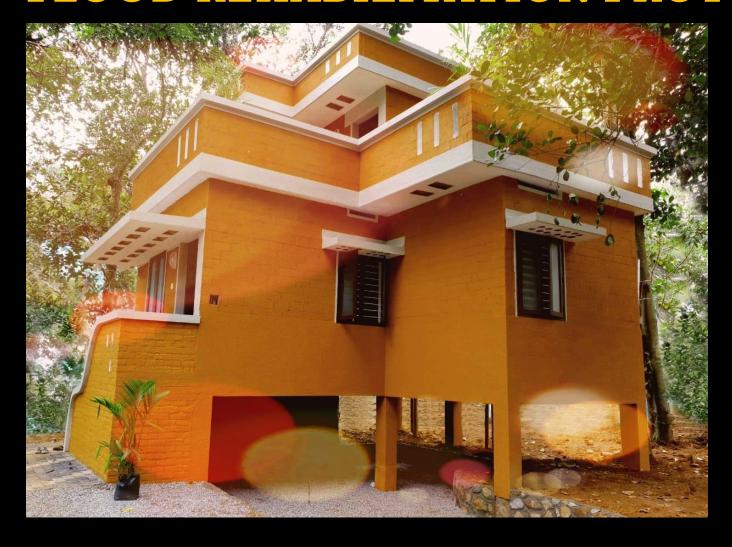
ACTIVITIES

- -Rebuilding | Retrofitting | Repair
- -Consultation
- -Masons training programs
- -Exhibitions
- -Interactive sessions with government officials, beneficiaries, professionals and students.
- -Mapping available local resources
- -Identifying and funding beneficiaries with special needs.



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FLOOD REHABILITATION PROTOTYPE



built within 25 days

AREA = 500 SQ.FT. COST = Rs 5 Lakhs = \$ 7100.76

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