Looking Beyond the Walls and Roof: The Architect’s Role in *Re-Envisioning* Recovery

Who decides?
Who/what determines indicators of success regarding resilience?

(How) are architects acting as mediators between the larger external systems (*policy processes, stakeholders, actors, etc*) and the local community in order to lessen risks over time?

- Time (current and future needs)
- Multi-scalar (engineering-urban) + Multi-stakeholder processes
- Design thinking as tool for mediation/negotiation
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Brad Pitt, Make It Right Foundation
Shigeru Ban, *Papertube Emergency Shelter*
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*Bjarke Ingels Group*, Housing and Urban Development Competition Post-Hurricane Sandy Recovery and Redevelopment
How are architects expanding beyond building and making (deploying designs) in order to utilize design thinking skills to mediate between actors and lessen community risks on the ground (deploying architects)?

Community Engagement for Recovery

“Model Lost Homes Project” by Professor Tsukihashi-san, Kobe University, Archi+ Aid

Processes Surrounding Policy

“Evacuation Mapping Project” by Designers at Nikken Sekkei, Archi+Aid

Lessening Community Risks, + Improving EnvHealth, Well-being

“Children’s Playground Project” by Architect Wesley Gideyi in Dadaab Refugee Camp, Kenya
Before + After 3.11, 2011 Triple Disaster

Archi+Aid Network, Tohoku Region
“Project Lost Homes”, Professor Tsukihashi-san, Kobe University
“Project Lost Homes”, Professor Tsukihashi-san, Kobe University
"Project Lost Homes", Professor Tsukihashi-san, Kobe University
Fukkyu (the Same) versus Fukko (New Change)

Design thinking can help facilitate the community healing process.

By envisioning what used to be, the project helped engage residents, stakeholders, and others to collectively take part in longer-term recovery process.
“Evacuation Mapping Project”, Designers at Nikken Sekkei, Archi + Aid
Design thinking/engagement with the community lessened risk and better informed decision process to create safer road networks and to place emergency towers.

Design thinking acted again as mediator to lessen future risks in the community.
Lessening Community Risks, + Improving Environmental Health, Well-being

“Child’s Playground” by Wesley Gideyi + Save the Children in Dadaab Refugee Camp, Kenya
Lessening Community Risks, Health, Well-being

“Child’s Playground” by Wesley Gideyi + Save the Children in Dadaab Refugee Camp, Kenya
Because the architect was on the ground, he could identify community stressors and respond to address current and longer-term risks.

- It took an actor whom could communicate and negotiate with both the community and policy makers to address community needs.

_This was done via visual communication, making, and looking at issues from engineering-urban scale!
In post-disaster scenarios, there often is a need for a professional to mediate between and communicate with the community and outside actors.

The role of the architect is to both:

1. Design a multitude of alternative solutions at various scales, from housing options to urban strategies.

2. Engage with actors on the ground to empower communities and work alongside policy makers, relief agencies, and other stakeholders to lessen current and future risks.