

# Science-Policy Divide: Adaptation Planning in NYC

Jesse M. Keenan

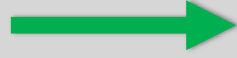
## Macro

- Rhetorical Resilience
- The Heuristics Challenge

## Micro

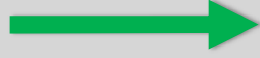
- Rebuild By Design
- Building Resiliency Taskforce
- Regional Plan Association 4<sup>th</sup> Regional Plan
- Tri-State Regional Resilience Project
- NYS 2100 Commission
- NYC: Special Initiative for Rebuilding and Resiliency (SIRR)

# Mode



**Scientific Interface**  
**Exploratory**  
**Domain Translation**  
**Civic Communication**  
**Commercial Communication**

# Scale

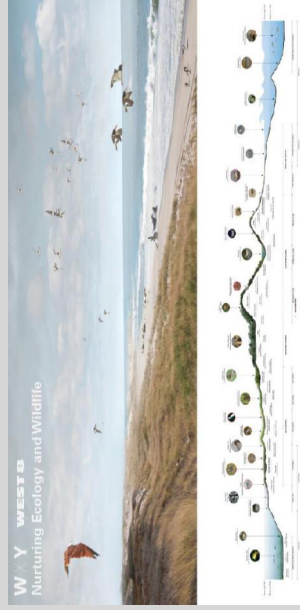


**Motivation**  
**Envisioning**  
**Institutional Design (External)**  
**Public Mainstreaming (Internal)**  
**Regulatory Enabling**  
**Reforming (i.e., Building Codes)**  
**Enable Commerce**

# Rebuild by Design

**Scientific Interface**  
**Exploratory**  
**Domain Translation**  
**Civic Communication**

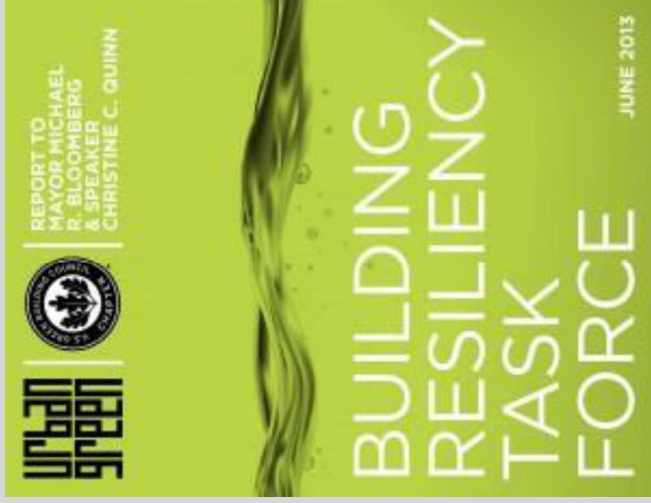
**Motivation**  
**Spend Federal Money**  
**Envisioning**  
**Public Mainstreaming**



# NYC Taskforce

**Scientific Interface**  
**Commercial Communication**  
**Civic Communication**

**Motivation**  
**Reform Local Building Codes**

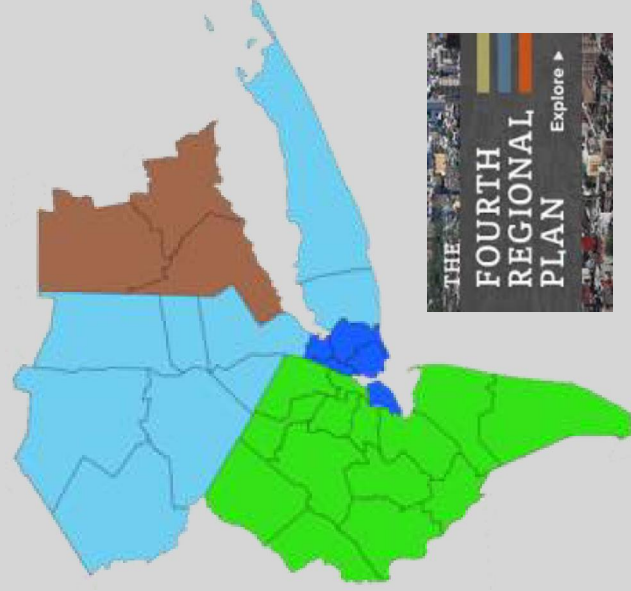


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# Regional Plan Association

**Scientific Interface**  
**Limited Exploratory**  
**Domain Translation**  
**Civic Communication**  
**Commercial Communication**

**Motivation**  
**Institutional Design**  
**Regulatory Enabling**

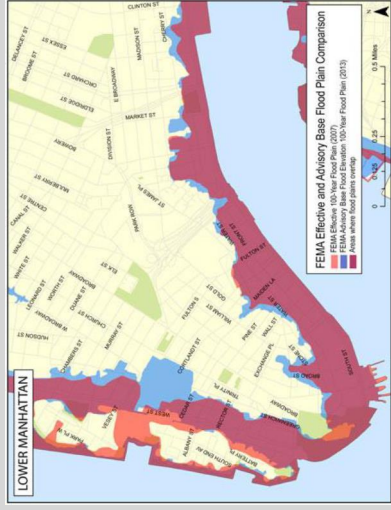


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# Tri-State Regional Resilience Project

**Scientific Interface**  
**Commercial Communication**

**Motivation**  
**Regulatory Enabling**  
**Promote P3 & Market**  
**Financing**



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# NYS 2100 Commission

**Scientific Interface**  
**Civic Communication**

**Motivation**  
**Envisioning**  
**Public Mainstreaming**

**NYS 2100 COMMISSION**

Recommendations to Improve  
the Strength and Resilience of  
the Empire State's Infrastructure



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# Special Initiative for Rebuilding & Resiliency (SIRR)

Scientific Interface  
Exploratory  
Domain Translation  
Civic Communication  
Commercial Communication

Motivation  
Envisioning  
Institutional Design  
Public Mainstreaming  
Regulatory Enabling  
Reforming  
Enable Commerce

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[www.arch.columbia.edu/adaptivedevelopment](http://www.arch.columbia.edu/adaptivedevelopment)

**Lessons:**  
**Science Synthesizing Science**  
**Cross-Scale/Sector Linkage**  
**Perpetual Network**  
**Methodological Limitations of History**  
**Managing Public Expectations (Trust)**

**Challenges:**  
**Legitimacy (Cause-Effect)**  
**Dilution w/ Alignment w/ Progressive Agenda**  
**Heuristics as Foundational Hurdle**

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