Sub-Task Leaders NYU: Schechtman, Loucks (Cornell)

Completed to date:

- Collected data and inventory of 45 community reconstruction zone plans' proposed projects
- All entered, data cleaned and verified for over 1400 individual projects proposed, featured and additional
- Created framework for assessing projects based on CDBG, NYS and criteria from academic literature

Objectives and value to NY State:

- Provided method and assessment of proposed projects
- Helps state and others understand outcomes of CRZ planning process
- Assists state and others in deciding which projects to fund by providing comprehensive analysis on multiple dimensions
- Establish method and framework for evaluating alternative resiliency investments considering all potential factors





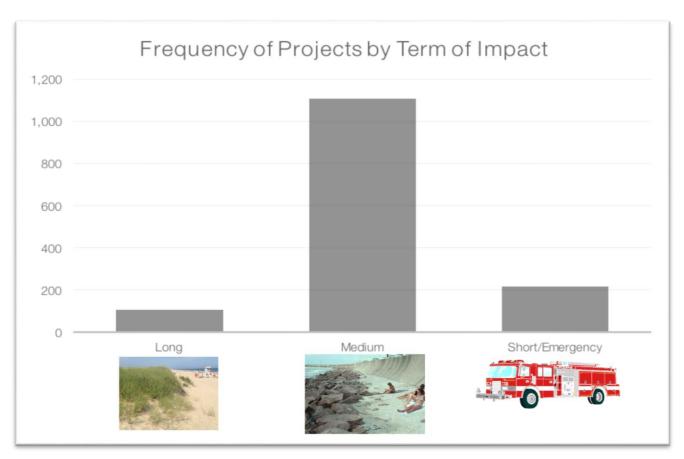
Criteria Components

Adger et al 2005	State Guidance	NOAA
 Effectiveness Efficiency Equity Legitimacy 	 To reduce risk To impact critical facilities Costs (availability of funding and timing, life-cycle costs, costs to residents, costs to municipality) Value to the community Benefits to the environment Benefits to economic opportunity Benefits to strengthening social assets Acceptability to the community Technical feasibility 	 Costs Effectiveness Transferability IPCC Categories Strategy Type Practice Type Funding Source/Need Environmental Performance Equity Performance



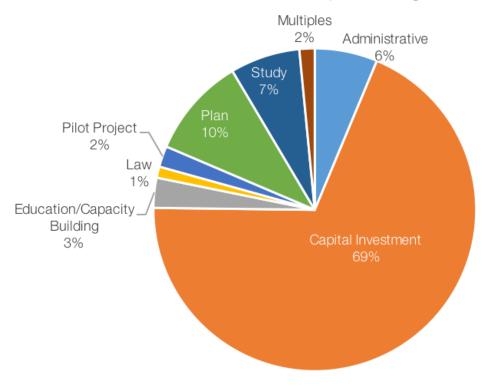
Project Title	Possible Data	
CR Community		
Town or Neighborhood		
Person		
Regional Project Status	Yes or No	
Description		
Featured Status	Proposed, Featured, Additional	
Project Category	Comm Plan and Cap Building, Economic, Infrastructure, Natural and Cultural Res,	
Project Category II	Comm Plan and Cap Building, Economic, Infrastructure, Natural and Cultural Res,	
Project Category III	Comm Plan and Cap Building, Economic, Infrastructure, Natural and Cultural Res,	
Project Category IV	Comm Plan and Cap Building, Economic, Infrastructure, Natural and Cultural Res,	
Consistency w NYRCR	Increase resiliency of key assets, Coordinate with regional initatives, Drive Economic Growth, Address short, medium and long-term risks, Protect Vulnerable Populations	
Term	Short/Emergency, Medium, Long	
IPCC+Strategy	Retreat, Accommodation, Protection, Procedural, Prevention, None	
Туре	Administrative, Law, Plan, Capital Investment, Pilot Project, Study, Education/Capacity	
Proj Mgmt Tool	Green Infr, Gray Infr, Buildings/Structures, Land Use Planning, Flscal Tools, Education,	
Capacity	Private, Neighborhood, Municiality, County, State, Federal	
Implementation Scale	Building, Neighborhood, Municipality, Region	
Implementation Strategy Quality	0 (Poor/None) - 1 (Medium) - 2 (High)	
Funding Needed	Yes, No	
CC Adaptive Benefits	0 (None) - 1 (Medium/Indirect) - 2 (High/Direct)	
CC Mitigation Benefits	0 (None) - 1 (Medium/Indirect) - 2 (High/Direct)	
Environmental Benefits	0 (None) - 1 (Medium/Indirect) - 2 (High/Direct)	
Economic Performance (Cost Savings)	0 (None) - 1 (Medium/Indirect) - 2 (High/Direct)	
Economic Development Performance	0 (None) - 1 (Medium/Indirect) - 2 (High/Direct)	
Vulnerable Populations/Social Justice Performance	0 (None) - 1 (Medium/Indirect) - 2 (High/Direct)	
Health and Human Services Performance	0 (None) - 1 (Medium/Indirect) - 2 (High/Direct)	
Flood Risk Reduction	0 (None) - 1 (Medium/Indirect) - 2 (High/Direct)	
Technical Feasibility	1 (Low) - 2 (High)	
Eval Info Provided	Yes, No	
Costs	Values	
Public Support	1 2 or NA	





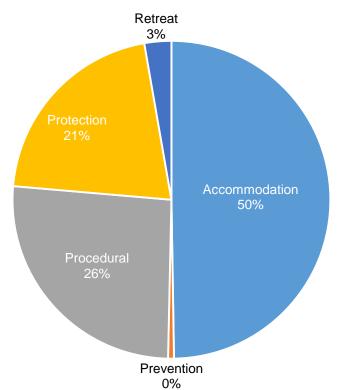


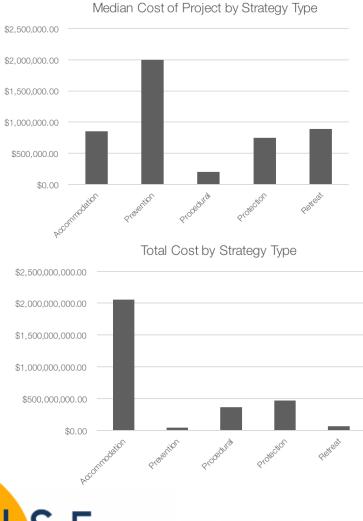
Distribution of Project Categories



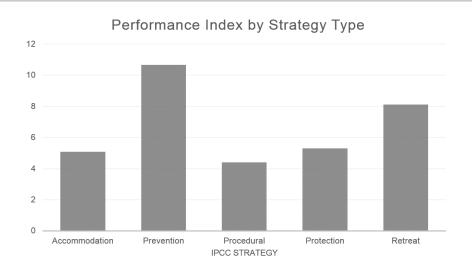












☐ Amityville/Copiague	Buildings/Structures	4.636363636
	Education	4
	Gray Infr	7.333333333
	Green Infr	5
	Land Use Planning	6.66666667
	NA	6
	Systemic Resilience (Emergency Planning)	5.428571429
Amityville/Copiague Total		5.379310345
☐ Amsterdam/Florida	Buildings/Structures	6.5
	Gray Infr	6.846153846
	Gray Infr, Green Infr	8.5
	Green Infr	8.66666667
	Land Use Planning, Green Infr	14
	Systemic Resilience (Emergency Planning)	6.5
Amsterdam/Florida Total		7.653846154
■ Babylon/West Babylon	Buildings/Structures	6
	Gray Infr	9
	Gray Infr, Green Infr	9
	Green Infr	12.33333333
	Systemic Resilience (Emergency Planning)	6
Babylon/West Babylon Total		7.259259259
☐ Baldwin/Baldwin Harbor	Buildings/Structures	5.666666667
	Education	3
	Fiscal Tools	3.25
	Gray Infr	6.5
	Green Infr	5.5
	Green Infr, Gray Infr	7
	Land Use Planning	5.666666667
	NA	0
	Systemic Resilience (Emergency Planning)	5
Baldwin/Baldwin Harbor Total		5
☐ Barnum Island/Oceanside/	Isl Gray Infr	7.875
	Gray Infr, Green Infr	8.8
	Green Infr	7.75

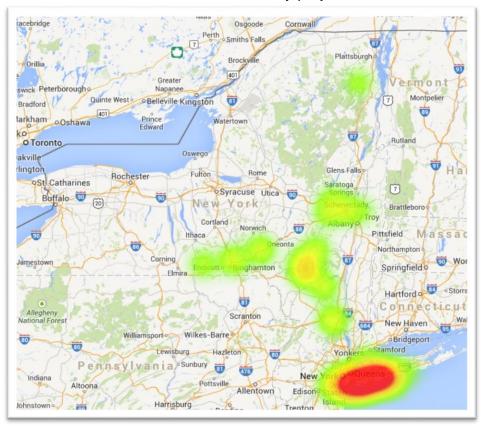


Sum cost of recovery projects





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Still to be done...

- Determine whether we should create a multi-criteria decision making framework to rank the projects (what are the politics?)
- Better data visualization and tools to assess (web based)
- Include SoVi index in the measures
- Overlay types of projects with relevant demographic and risk data

