



## Job Aid: Sample Indicators and Metrics of Adaptation Success and Progress: Governance Aspects

This list constitutes a sample of possible indicators and metrics that point to climate adaptation success and/or progress. It is derived from work with communities in Maine, New York, New Jersey, California and Alaska. For a larger list of indicators and possible metrics brainstormed by these communities, look for a searchable Excel spreadsheet in the Resources section of [www.resiliencemetrics.org](http://www.resiliencemetrics.org), called "SAIM Project\_Indicator Brainstorm\_all.xlsx" (status January 2020). Indicators can be searched by adaptation strategy, location, sector, or the six dimensions of adaptation success described at [www.resiliencemetrics.org](http://www.resiliencemetrics.org). This list is not refined, ranked or vetted by any scientific or governance entity although some indicators are in use. The list is solely offered to support other users' creative thinking and brainstorming of indicators/metrics that suit their unique situations.

Adaptation Strategy	Indicators	Metrics	Process	Capacity	Barriers	Decision-making	Action	Outcome
Enhance regulatory standards	Availability/adoption of model ordinances	Provision of model ordinance Yes // No // In progress; # of communities who have adopted an existing model ordinance			x		x	
Connect short-term decisions to long-term vision	Cohesive decision-making	Decisions integrate climate change projections (yes // no // partial); short-term decisions vetted against long-term vision (yes // no // partial); decisions are made in timely fashion to take action steps (yes // no // some); different government entities work together on integrated adaptation plan (always // often // sometimes // not enough // never)	x	x	x	x		
Improve compliance with existing flood mitigation standards	Compliance	% compliant structures within regulated flood risk zones; % houses above Base Flood Elevation		x	x			x
Improve community resilience	CRS rating/class	Moving from lower to higher Community Rating System rating					x	x
Change local zoning to reduce risk to property, businesses, infrastructure	Enhanced regulatory standards	More stringent, climate-sensitive local zoning (yes // no // in progress)			x	x	x	
Increase community engagement in adaptation planning	Existence/growth of champions	Growth in number of champions, shift in who is at the table	x		x			x



This job aid was created to serve as a reference for individuals interested in indicators and metrics to help communities define and track progress on their climate adaptation goals. Additional background and resources are available on the website: [www.ResilienceMetrics.org](http://www.ResilienceMetrics.org). This website was developed in partnership with the National Estuarine Research Reserve System with funding from NOAA.



Adaptation Strategy	Indicators	Metrics	Process	Capacity	Barriers	Decision-making	Action	Outcome
Integrate emergency response planning with long-term planning	Improved coordination	Number of cross-agency meetings (local, state, federal emergency response, Planning, Public Works); time-sensitive coordination of planning Yes // No; consistency/coherence between planning documents Yes //No	x	x	x	x	x	
Improve enforcement of existing land/water protection policies	Policy enforcement	# of violations observed/noted vs. # of violations reprimanded	x		x		x	
Build back better after structures are damaged in extreme event	Post-disaster hazard mitigation to higher level of protection (adaptation)	Prevailing building code updated to require building back to climate change science-informed higher standard (Yes // no // in progress)			x	x	x	
Broaden climate change/adaptation conversation beyond existing stakeholders	Public interest in climate change	Requests for information (#/month or year)	x		x			
Address repeated flood risk properties through property buy-outs	Transparency in decision-making; access to all relevant information; personalized assistance	% of participants perceiving process as transparent; % of relevant documents made available online; % of participants finding information easily online/in person; number of meetings with affected property owners; % of homeowners satisfied with process	x	x		x	x	x