

NPCC4

Preliminary Planning & Call for Nominations

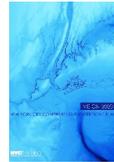


Mayor's Office of
Resiliency



Model Code to Building Code

Vision 2020



SIRR



ConEd
Rate case



FEMA
maps



ESCR



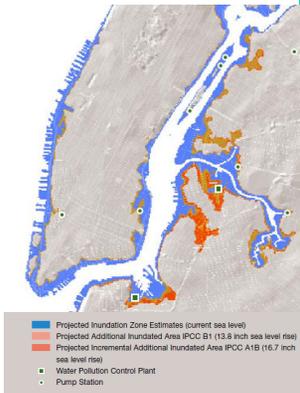
Contextual

Relevant

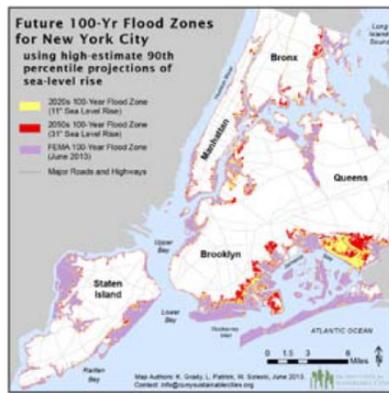
Actionable

Defensible

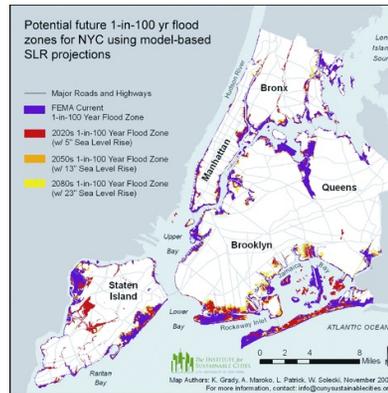
2008



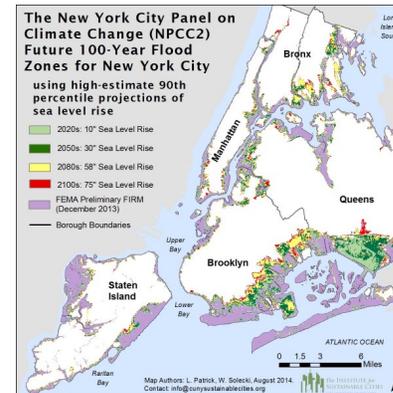
2010



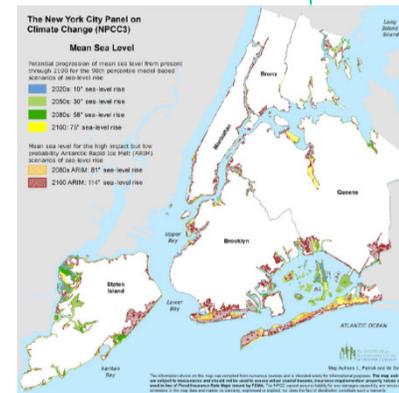
2012



2015

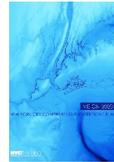


2019



Thinking to Anticipating

Vision 2020



SIRR



ConEd
Rate case



FEMA
maps



ESCR



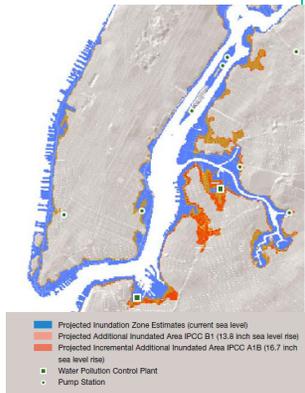
Thinking

Planning

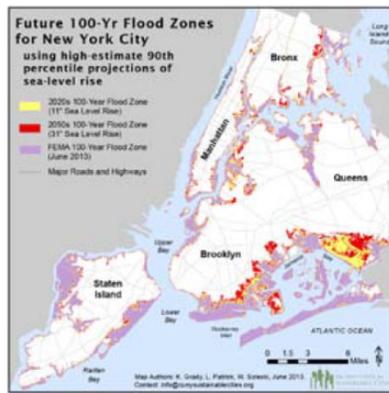
Acting

Anticipating

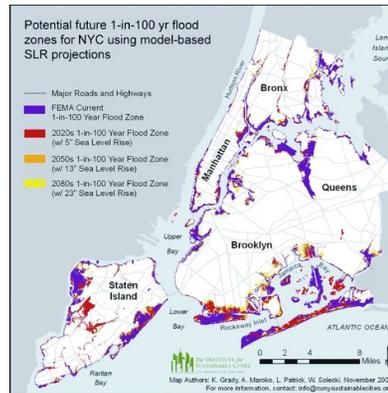
2008



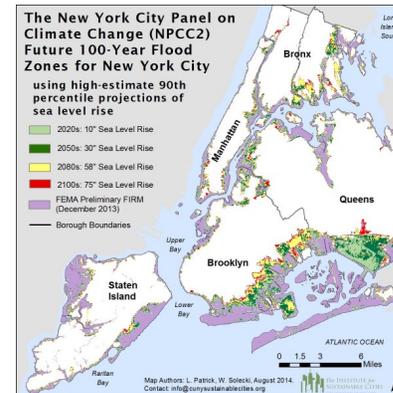
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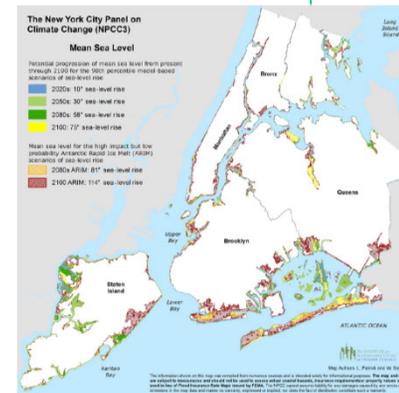
2012



2015



2019



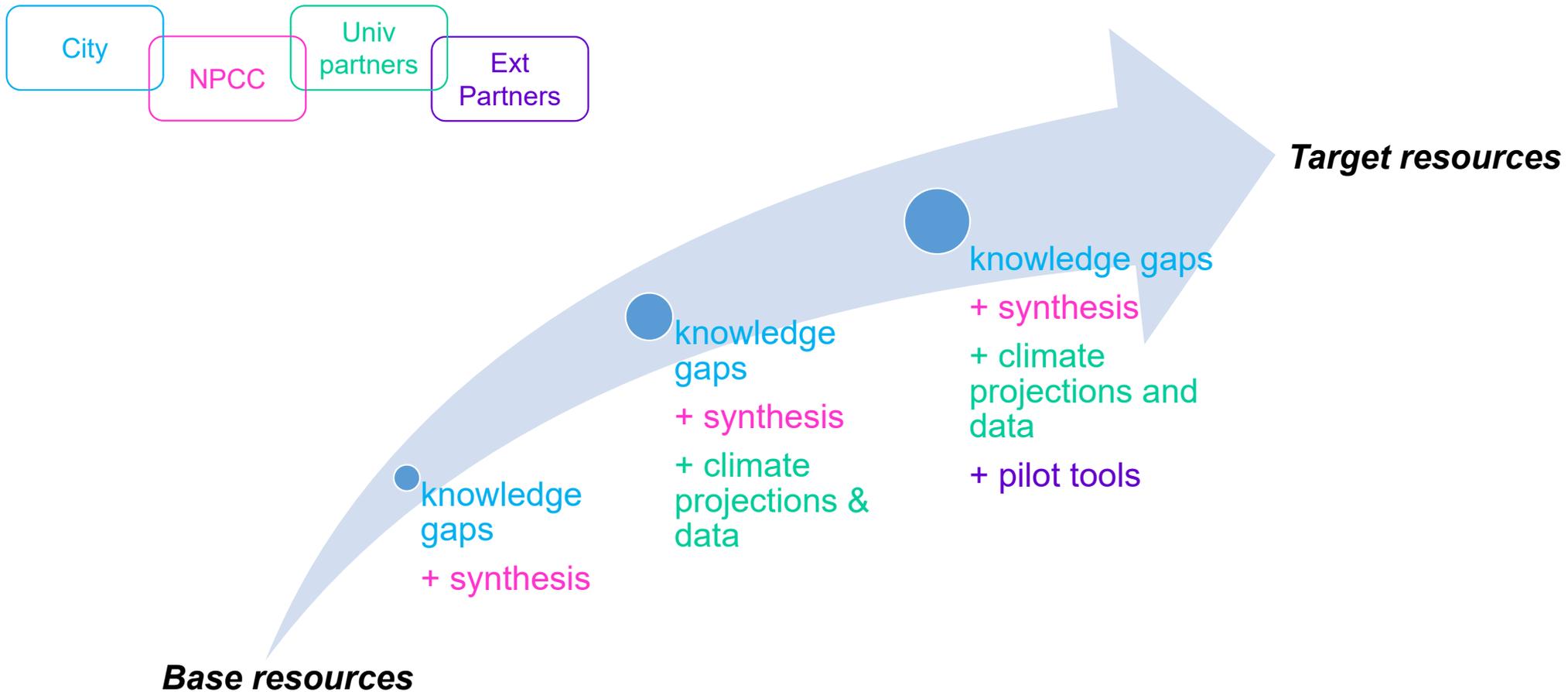
Goals for NPCC

1. Identify near-, intermediate and long-term quantitative and qualitative climate trends
2. Assess potential impacts of climate change on the city's communities, vulnerable populations, public health, natural systems, critical infrastructure, buildings
3. Ways to use climate research to inform decision-making.

Goals for NPCC4 Process

- A. Strengthen participation by agencies and the public in the assessment process
- B. Expand program capacity for climate assessments in NYC
- C. Experiment with interactive, online dissemination of NPCC information and findings
- D. Expand assessment of vulnerability, impacts, and adaptation.

Expanding NYC climate assessments



Hazards



Coastal Storms

3x
more likely
100 year
flood by
2050

More Frequent, More
Destructive Hurricanes



**Sea Level
Rise**

Up to
30 in
SLR by
2050s

Increased Tidal Flooding +
Groundwater Table Rise



Precipitation

Up to
5
rain days > 2"
by 2050s

Flooding in Non-coastal
Areas



Temperature

of days
above 90°F
TRIPLE
by 2050s

Longer, More
Dangerous Heat Waves

NPCC Expertise

We seek diverse expertise, ideally those with quals in both research & practice.
We are also seeking folks at all stages in their career.

People

Behavioral psych

Economics

Demography

Human Geography

Health

Systems

Architecture

Energy

Agriculture

Transportation

Earth

Climate change

Climate variability

Stormwater

Coastal

Ecosystems – land

Ecosystems – water

Practice

Civic engagement

Urban planning

Public policy & law

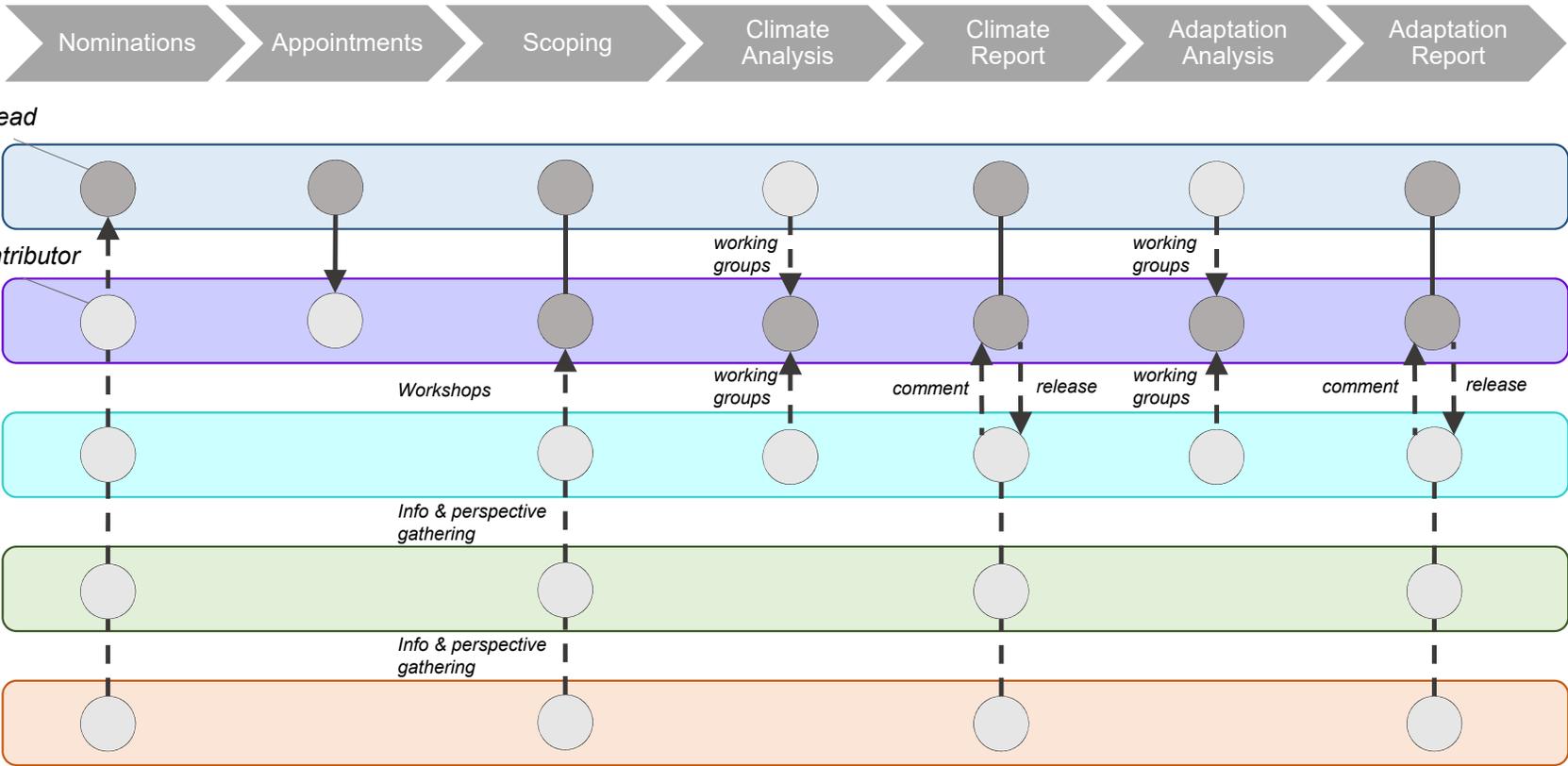
Communications

Finance

Expanded list in the Call for Nominations.
Not limited to this slide or the Call.

Strengthening participation; Improving info flow

DRAFT



Accessible info paves way to action

Overview - Fourth National Clim... x +

https://nca2018.globalchange.gov/chapter/1/

CH 1: OVERVIEW

Figure 1.2: Indicators of Change

Click on a topic or on the thumbnails below the image to see a relevant indicator.

Graphic allows people to explore information

Each indicator is linked to risk assessment info

SECTIONS

- Introduction
- Our Changing Climate
- Current & Future Risks
- Reducing Risks
- New Since NCA3

Type here to search

Source: National Climate Assessment

Commitment

Contingent on final scoping and context setting phase in early 2020.

Based on past assessments, member responsibilities include, but may not be limited to:

- Participate in approximately three scoping workshops in the first half of 2020
- Participate in regular calls with co-authors and working groups that include City personnel and stakeholders
- Participate in two all-NPCC meetings in New York City each year
- Perform literature review and synthesis
- Analyze complex data
- Contribute to expert elicitation
- Produce written reports and visualizations (e.g. maps, figures, graphics)
- Respond to peer review and public comments
- Participate in public presentations and NPCC4 outreach

Additional FAQs

If I currently work for the City, can I apply?

NPCC is a mayoral appointed body of independent experts. As such, City employees cannot be panel members. MOR will be working with our agency partners to ensure substantive exchange between the panel and city employees.

Is the City only considering candidates based in New York City and immediately surrounding areas?

We are interested in expertise and experience from outside of New York City metro area. A majority of the panel will, however, be based in NYC. Because the number of panelists from outside NYC will be limited, those spots will be particularly competitive. Expertise in cities and NYC specifically is a desired qualification.

Additional FAQs

Is there funding provided for panel members?

Local Law stipulates that NPCC members serve without compensation. However, MOR is actively seeking funds for NPCC administration, including travel funds, workshop costs, and program coordination. MOR is also seeking funds for the climate data and analysis that is a foundational input to the NPCC process.

How many members will be on the panel?

In the past, the NPCC has included 15 - 20 experts as panel members, with contributions from additional affiliated researchers. For NPCC4, MOR will identify a five-person Leadership Team and will work with that team to select approximately 15 additional nominees to the Panel.

Criteria

Expertise

Applications Experience

Assessment Experience

Accessibility and availability

Communications Experience

Additional FAQs

Will only academics be considered?

We are looking for candidates with research credentials, but they need not be academics. Nominees should have a well-established or promising record of scholarly contributions reflected in the number and influence of peer-reviewed publications and/or written products. Nominees should demonstrate dedication to their respective field through service roles in professional societies and recognition as thought leaders in their field. Nominees should be able to interpret quantitative and qualitative data from disparate sources and even share data relevant to NPCC4. A concentration in urban systems (human and natural) is a plus.

Additional FAQs

Does joining the Panel preclude people from contracting with the City?

Joining the panel should not ordinarily preclude members or their employers from contracting with the City. However, members may need to recuse themselves from NPCC consideration of particular matters, including discussion of issues relating to potential procurements, that could reasonably result in expenditures for the benefit of such members or their employers or other funding entities. In unusual instances, a member might need to resign from NPCC in the event of a pervasive potential or actual conflict of this kind.

Timeline

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Scoping and Vision - March through June 2020

Climate Analysis

Analysis and assessment – July 2020 – Oct 2021

Communication and outreach – Oct 2021 – Feb 2022

Vulnerability, Impacts, and Adaptation Analysis

Analysis and Assessment – January 2021 – April 2022

Communication and outreach – April 2022 – August 2022

Next Steps

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Subject to change

- Post FAQ (Dec 6 2019)
- Outreach (Dec 2019)
- Announce NPCC leadership (Dec 2019)
- Collect nominations (Jan 6)
- Panel review of nominees (Jan 2019)
- Appointments (Feb – Mar 2019)
- Announce NPCC 4 members (Mar 2019)