



# Tackling the Adaptation Imperative

## International Best Practices

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# Adaptation **Experience**

- Room for the River, Dutch Dialogues
- Urban/Military Collaboration
- Advancing BC Adaptation
- Climigration Network



# Mitigation

**Limiting or preventing** greenhouse gas emissions

+

**enhancing activities that remove** these gases from  
the atmosphere.

# Adaptation

**Adjusting** to actual or expected climate and its effects in order to **moderate harm** or exploit beneficial opportunities.

# Adaptation **Built Infrastructure**

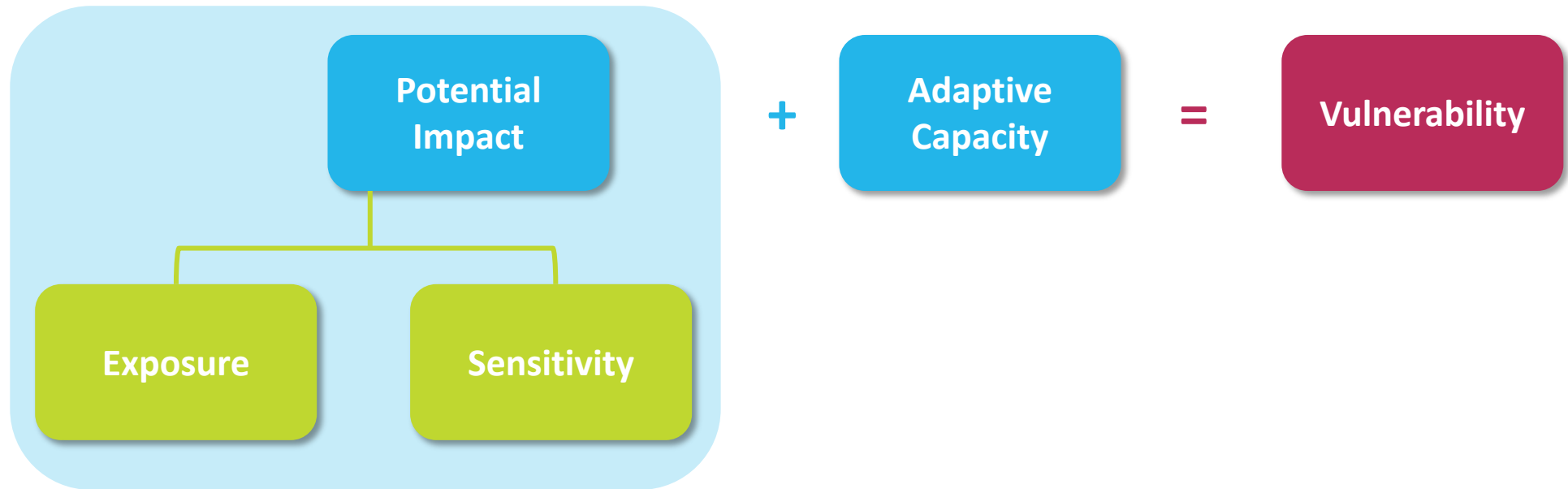


# Adaptation **Social Infrastructure**



Climate Justice Alliance, 2020.  
Interaction Institute.

# Vulnerability



532 Frenchmen St 10PM

Stop calling me

**RESILIENT**

Because every time you say,  
"Oh, they're resilient,"  
that means you can  
do something else to me.

I am not resilient.

Tracie L. Washington - Louisiana Justice Institute

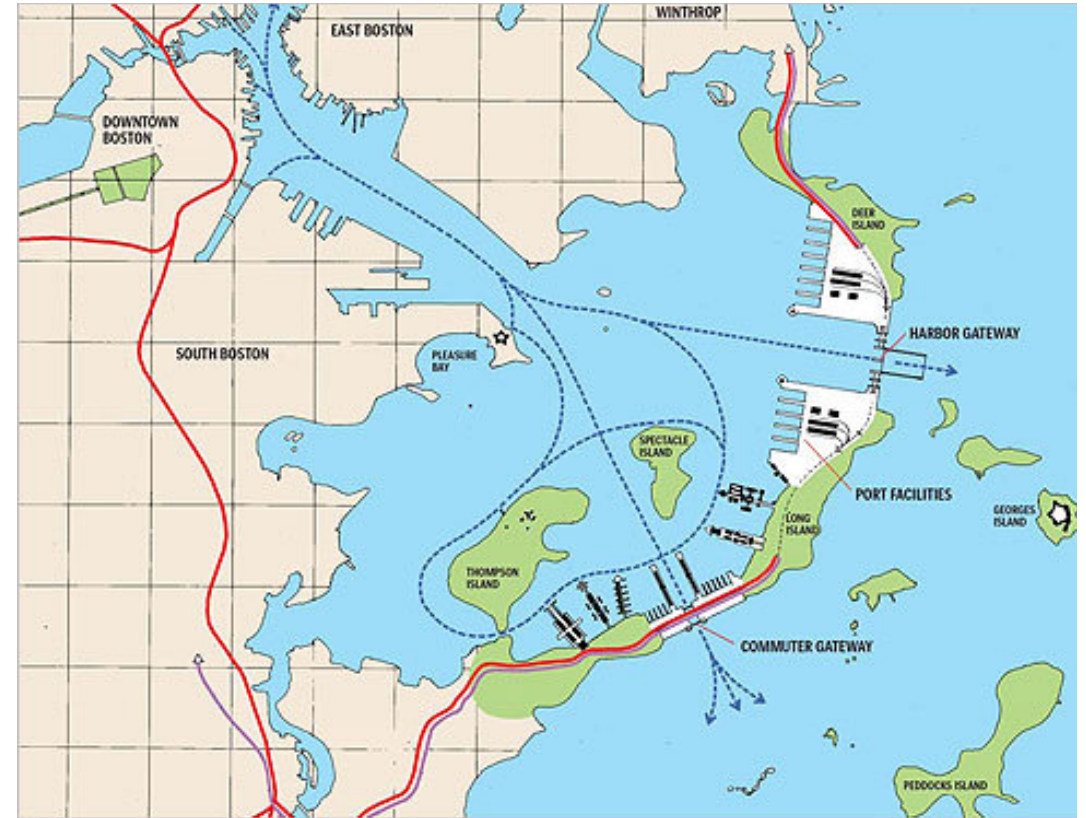


# Rebounding Vulnerability | affects implementing or targeted actors



Juhola et al, 2016. Image: NYT, 2019

# Shifting Vulnerability | affects external actors



Juhola et al, 2016. Map:  
Boston Globe, 2010. Image:  
Universalhub, 2018.

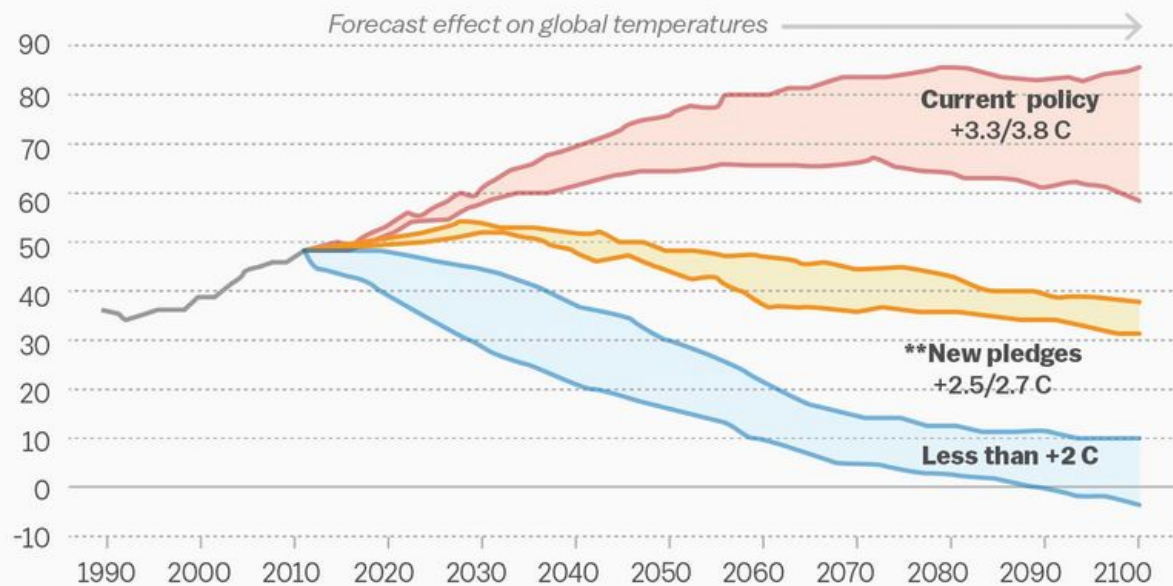
# Eroding Sustainable Development



# Global Targets

## Estimated global greenhouse gas emissions

In gigatons, CO2 equivalent



\*Expected temperature change by 2100, versus period before Industrial Revolution

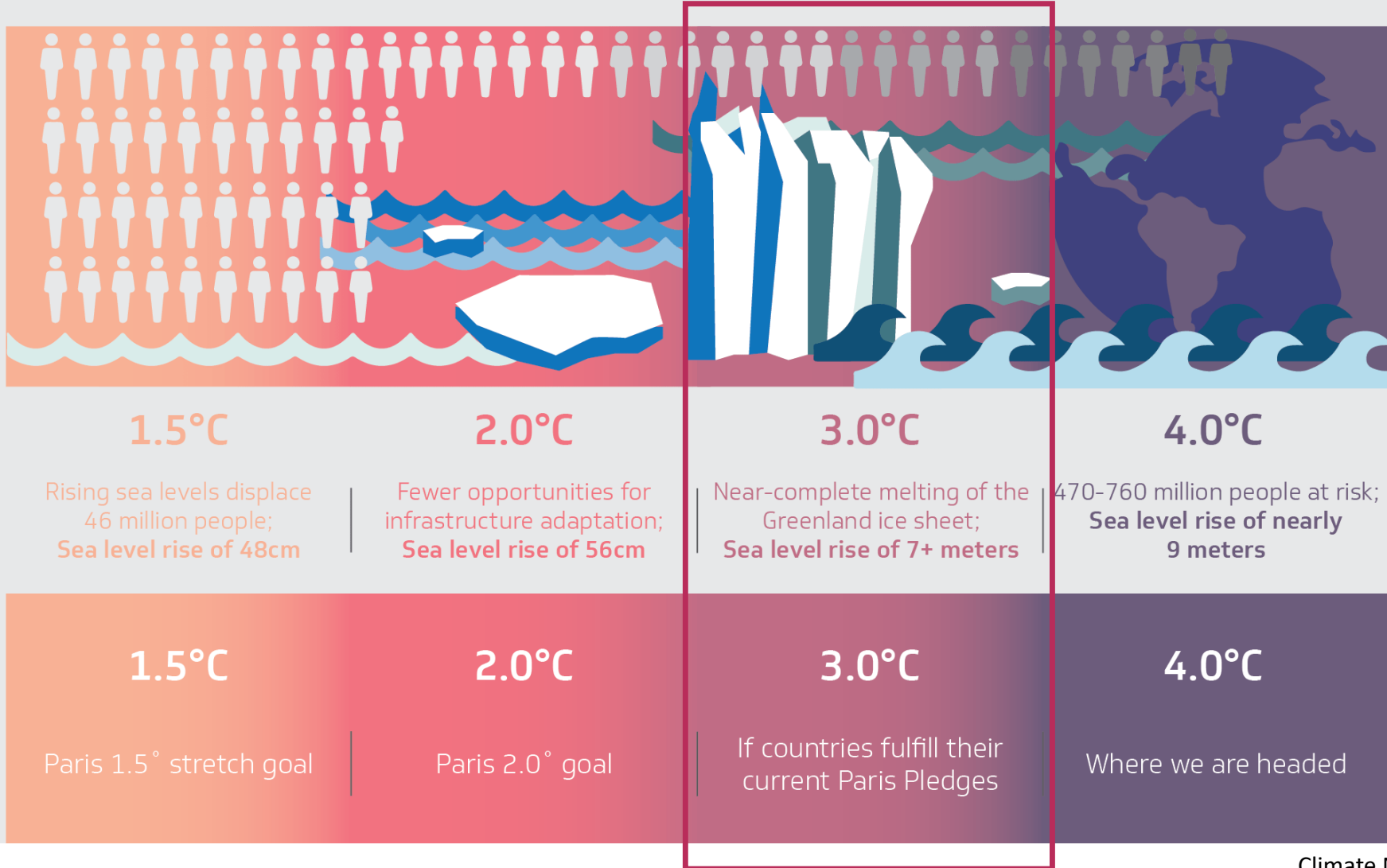
\*\* Based on intended nationally determined contributions submitted to UNFCCC by Oct. 1

SOURCE: Climate Action Tracker

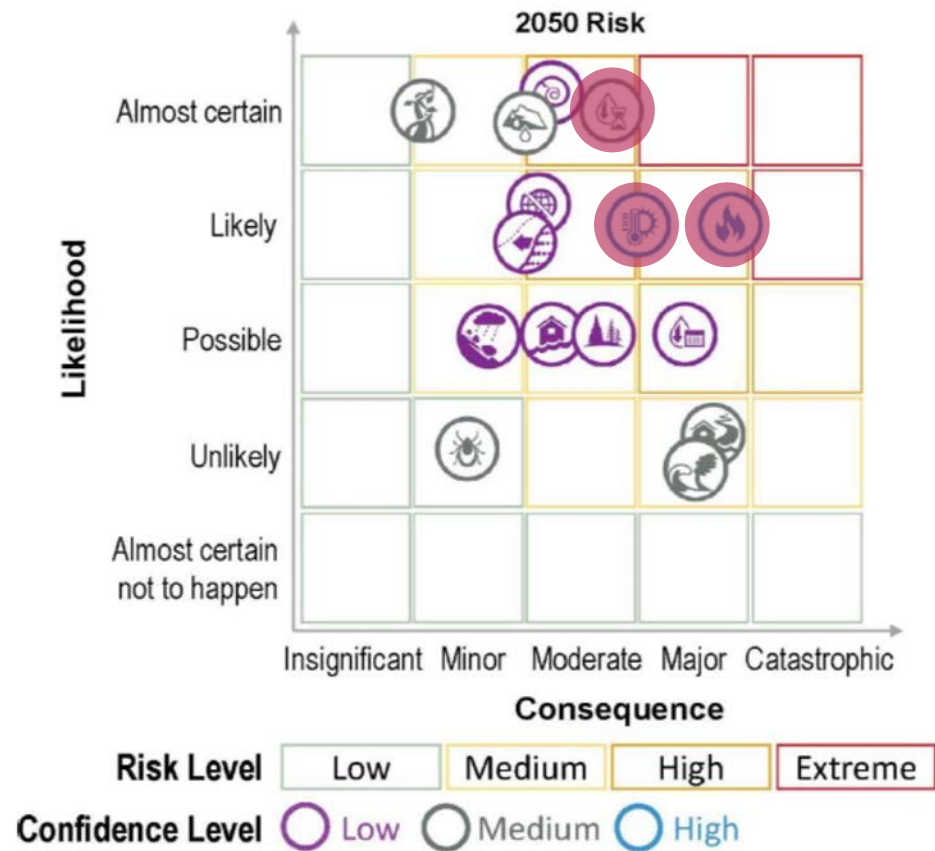
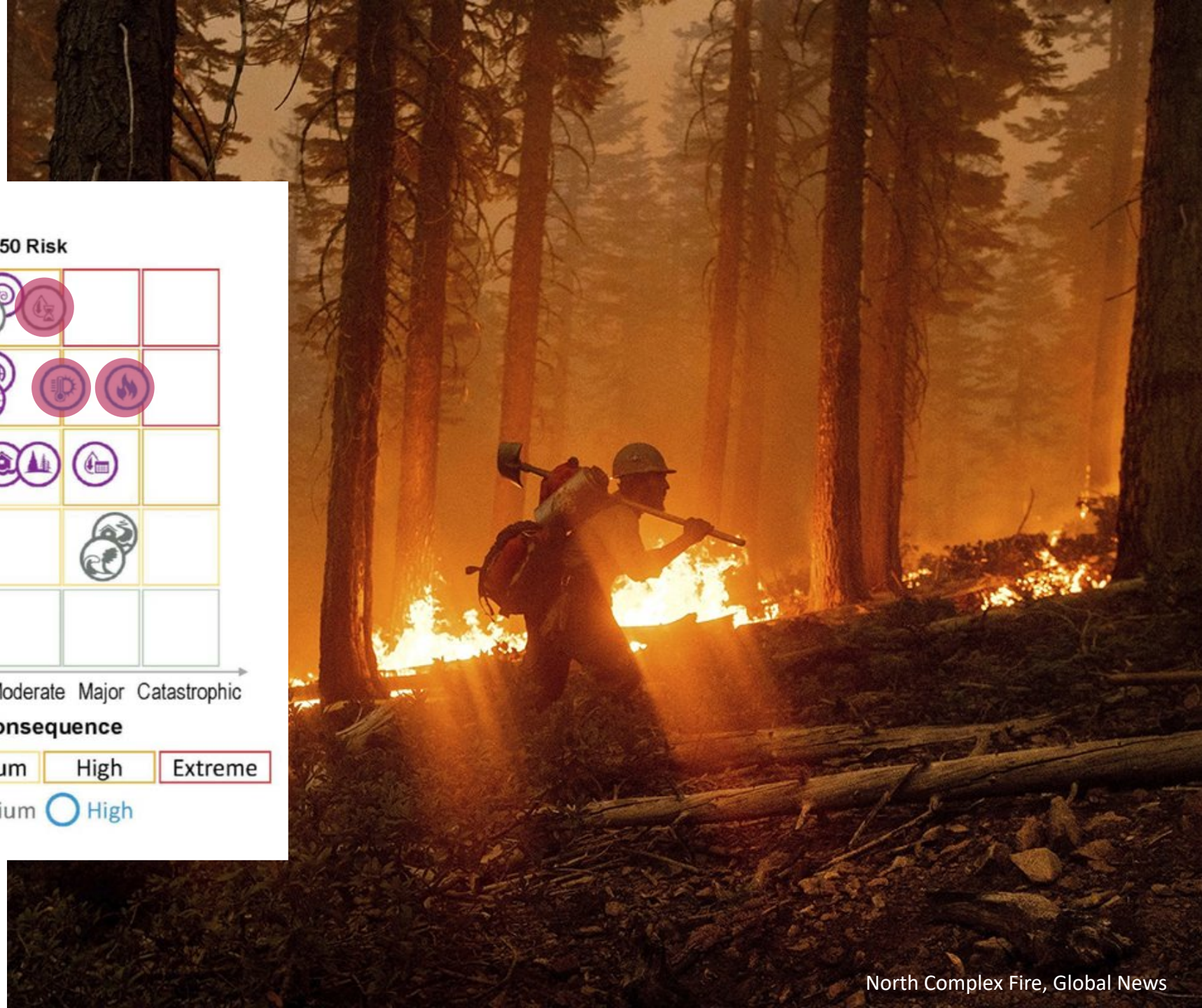
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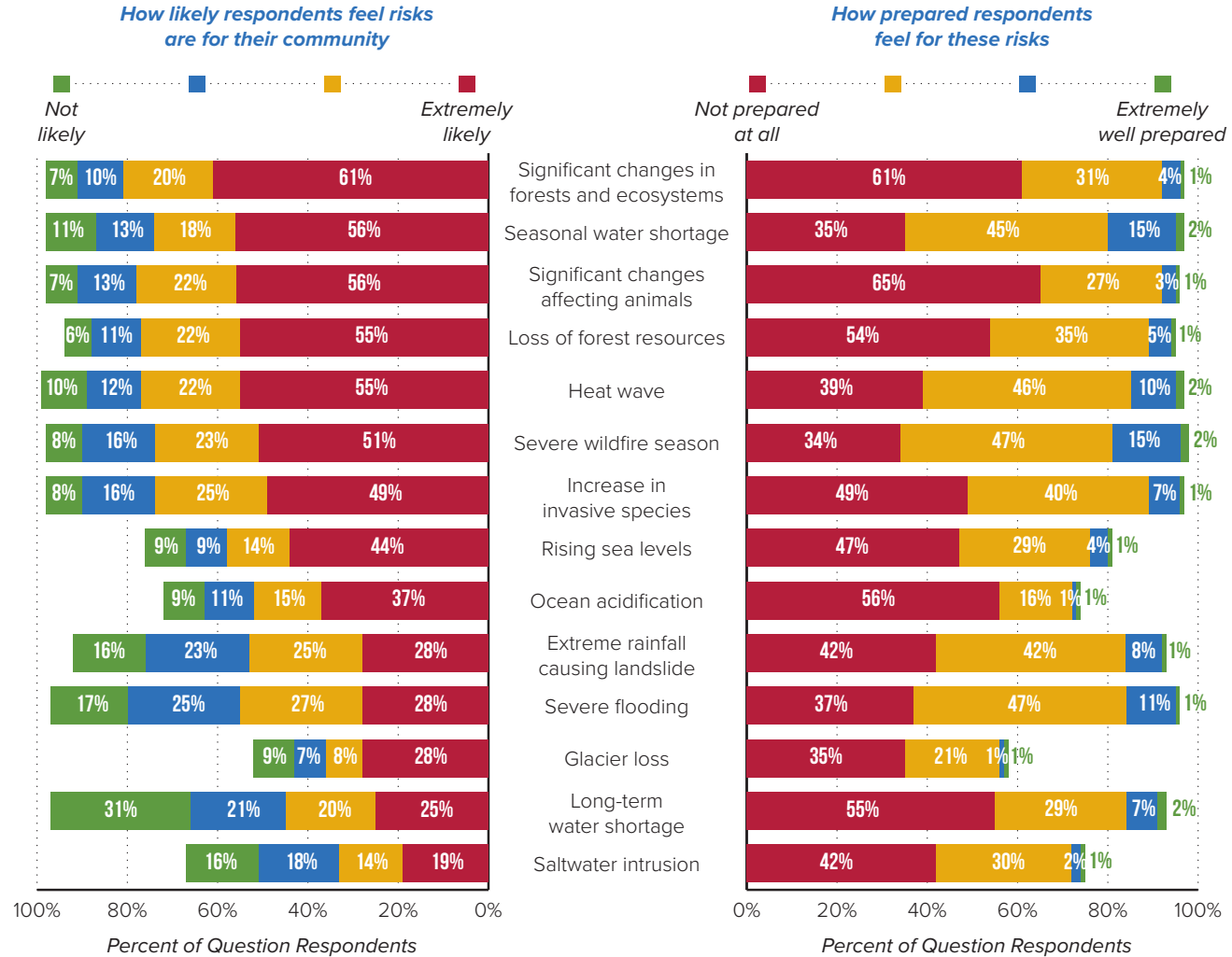
# IMPACTS ON SEA LEVEL RISE...



# BC Risks

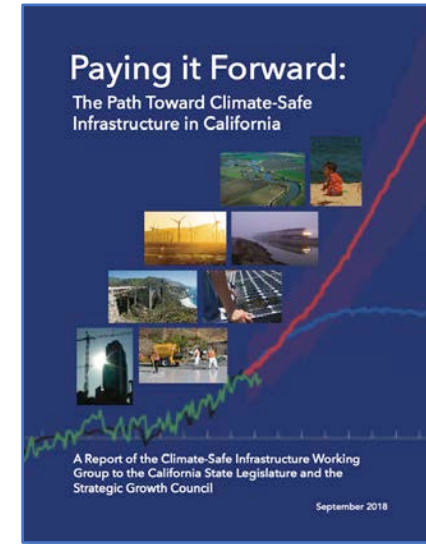


# BC Preparedness



# Promising **International Practices**

- Mainstreaming Climate Policy
- Foregrounding Implementation
- Redesigning Financial Processes
- Centering Justice





# Mainstreaming Climate Policy

- Dedicate staff capacity
- Incorporate adaptation into all forms of planning
- Integrate into financial decision-making
- Coordinate to address interdependencies



# Foregrounding **Implementation**

- Enact comprehensive legislation
- Targets, responsibilities, outcomes
- Use an adaptation pathways approach
- Leverage non-governmental partners



# Redesigning **Financial** Processes

- Require consistent climate risk disclosure
- Expand cost-benefit analysis
- Incorporate transition risks

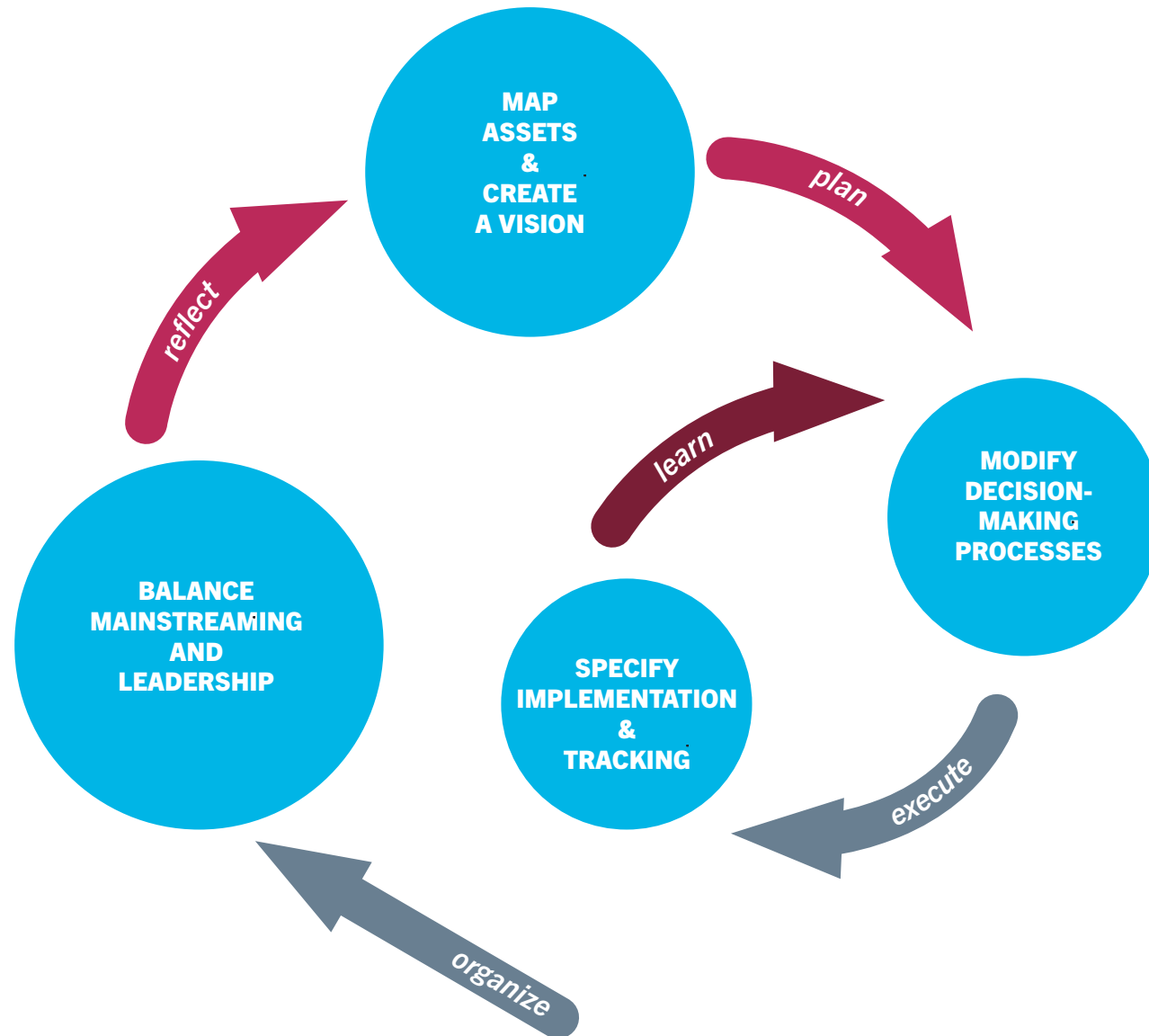


# Centering **Justice**

- Direct resources to disadvantaged communities
- Undertake extensive engagement
- Think outside the usual categories
- Provide leadership from higher levels of government



# Recommendations for BC

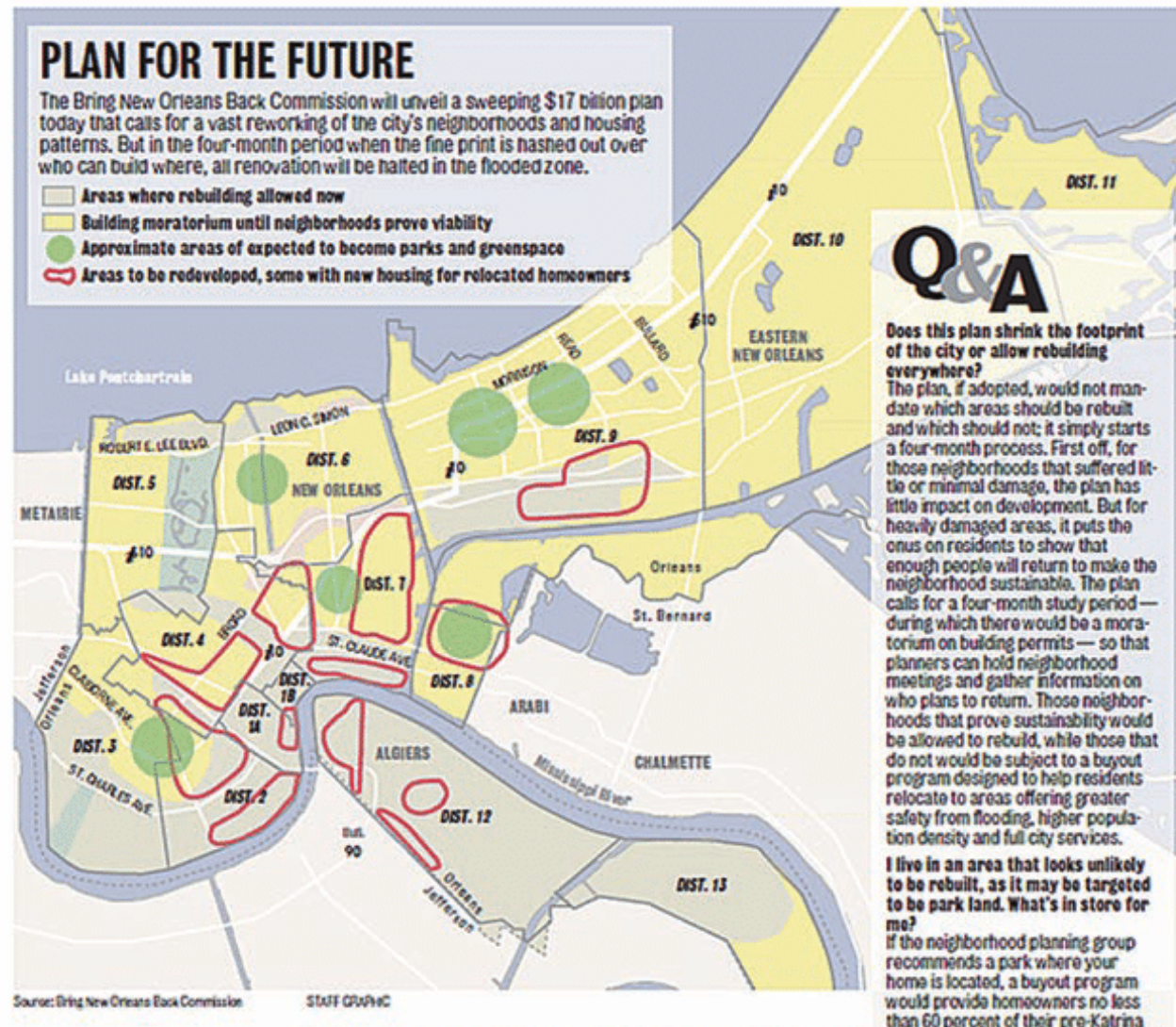


# Urban/Military Impacts



National Geographic, 2017.

# “Rebranding” Managed Retreat



Mitigation

Adaptation

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