

# Simulating Solutions to Climate Change:

May 12th, 2014  
Sheraton Burlington VT



## RACC

Research on Adaptation  
to Climate Change

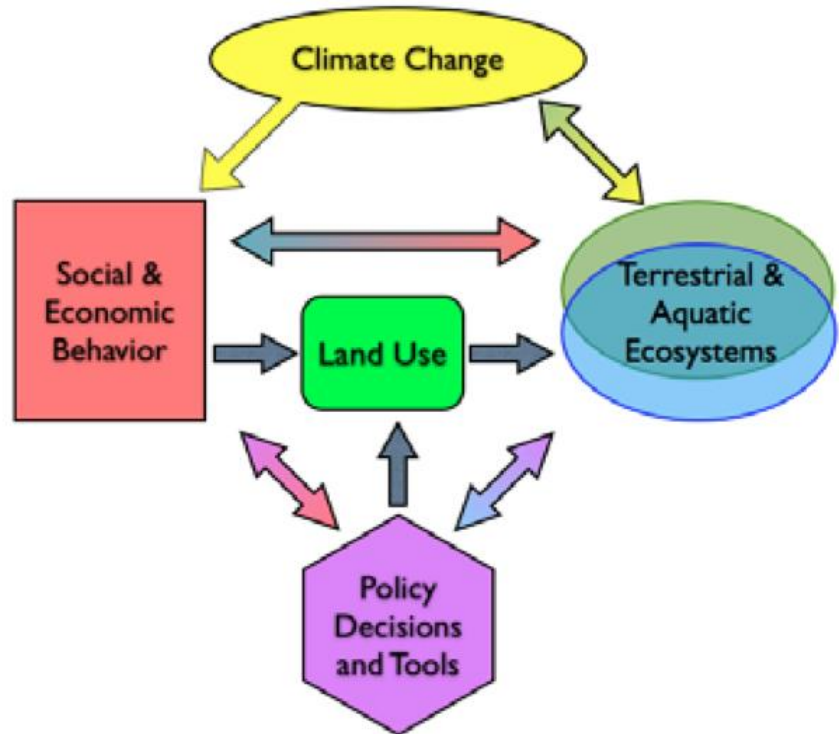
### Storyline Development to Preserve Water Quality in the Lake Champlain Basin

# Purposes of the day:

- Identify promising adaptive interventions to group into scenarios.
- These scenarios will be used to refine RACC Integrated Assessment Models.
- This workshop is also an opportunity to consider the capacity building needs for our region.

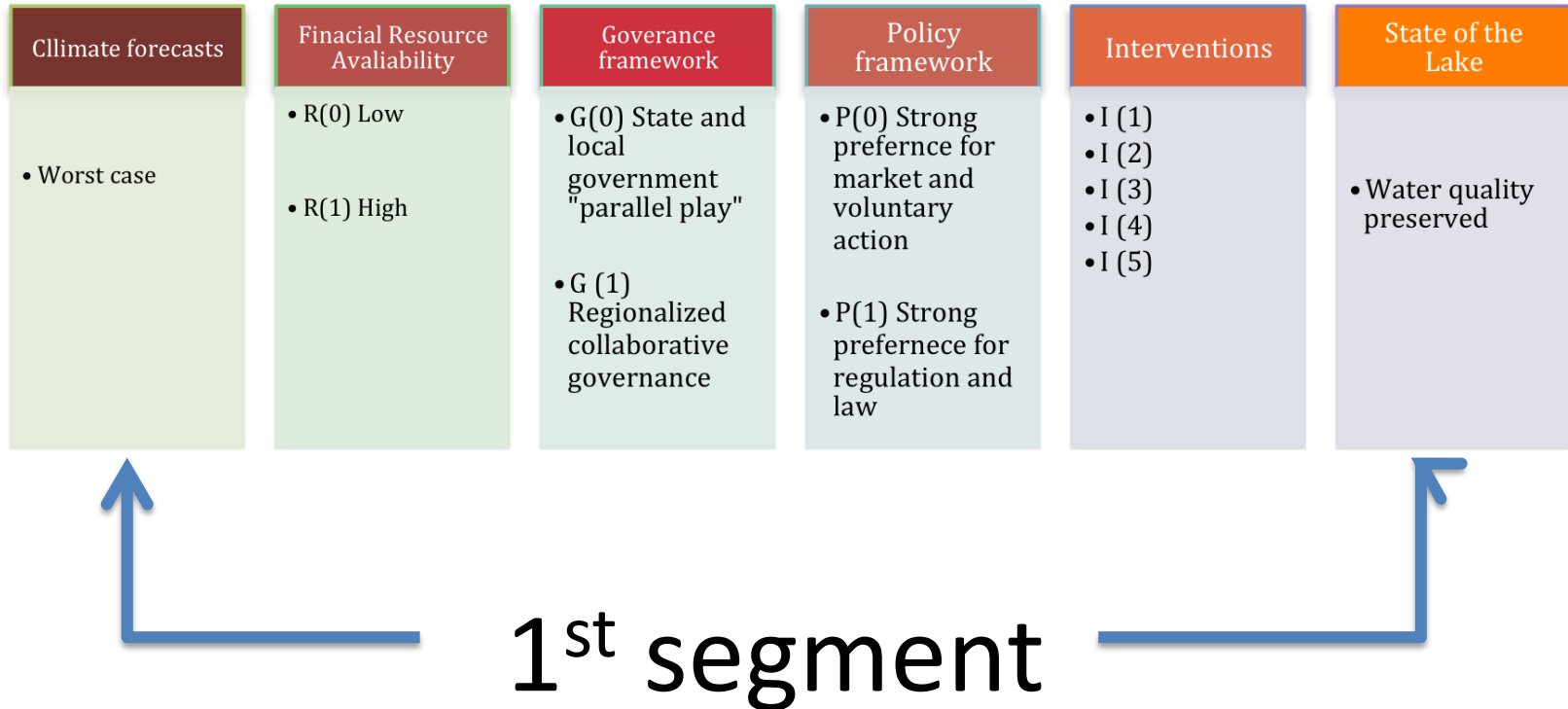


In the face of uncertainties about climate change, land use and lake response scenarios, how can adaptive management interventions (e.g. regulation, incentives, treaties) be *designed*, valued and implemented in the multi-jurisdictional Lake Champlain Basin?



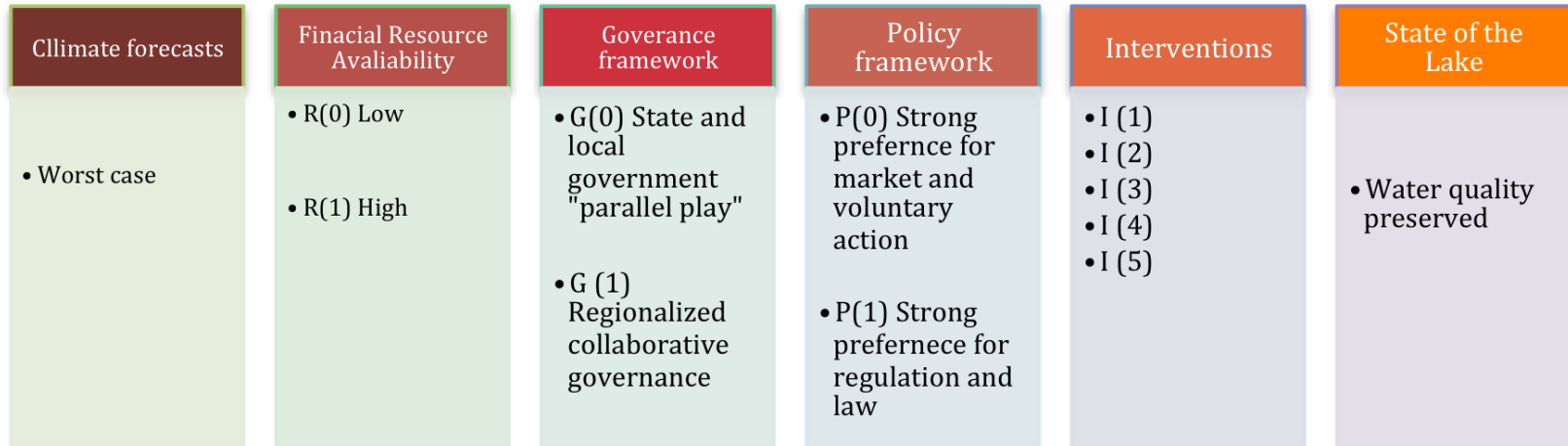
EPS 1101317

# Structure of the morning:



What RACC is learning about the relationship between climate change and Lake Champlain water quality?

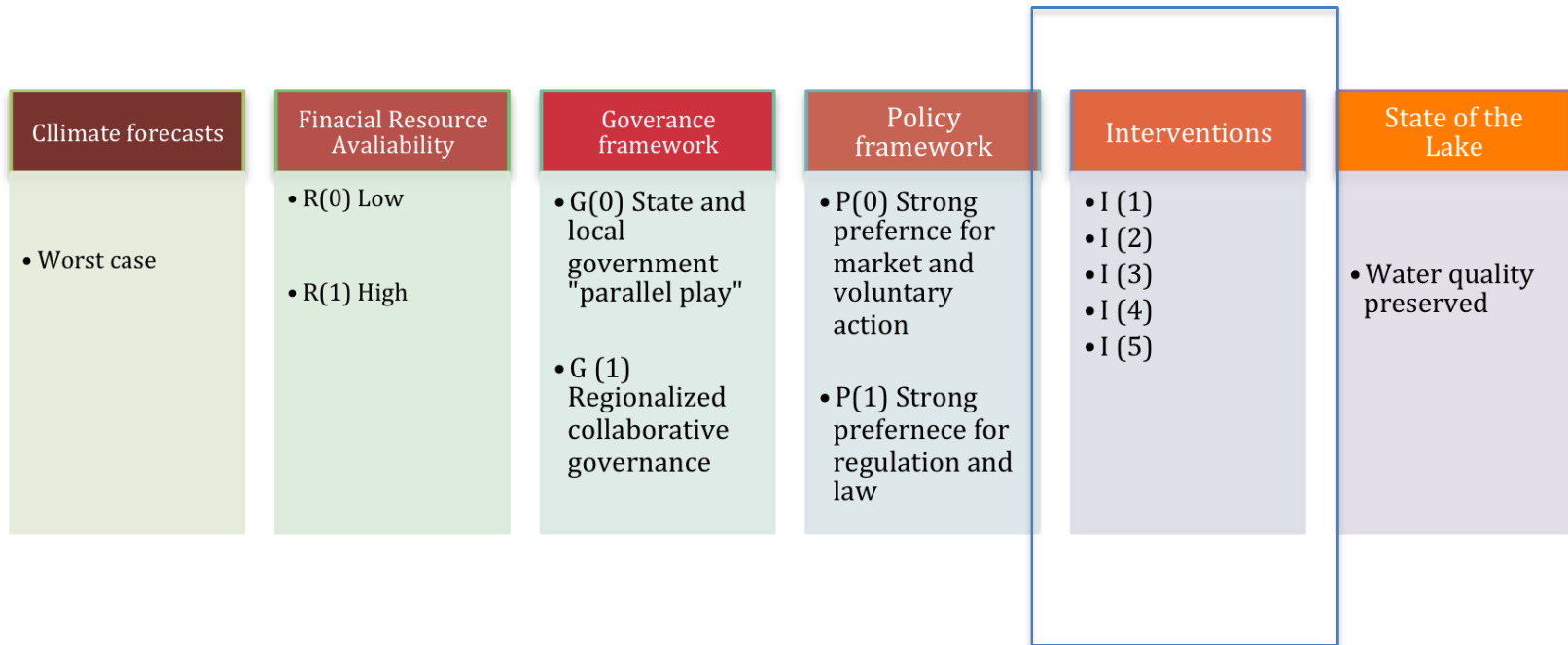
# Structure of the morning:



2<sup>nd</sup> segment

How governance, resources and policy preferences shape Lake Champlain water quality?

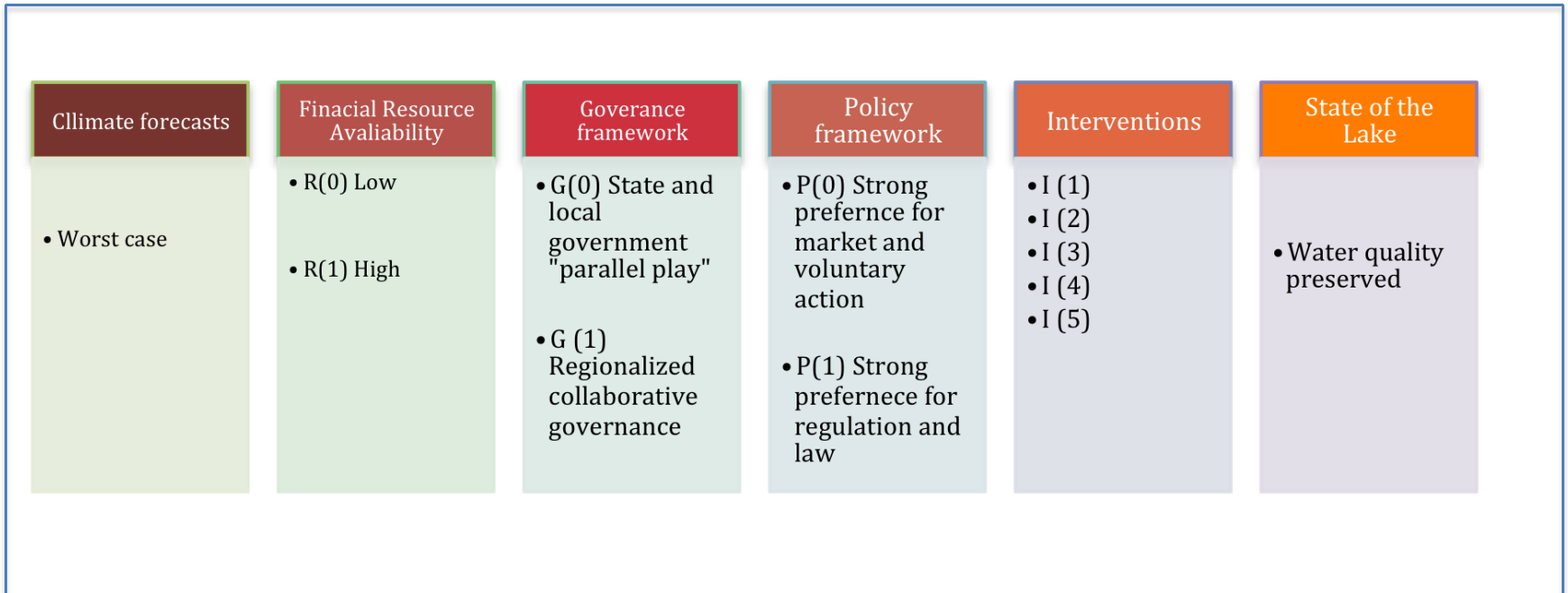
# Structure of the morning:



## 3<sup>rd</sup> segment

What adaptive interventions have been proposed to ensure Lake Champlain water quality in the face of climate change?

# Structure of the day:



## 4<sup>th</sup> segment

How integrated assessment modeling can be used to simulation the scenarios derived today.

# Housing keeping:

- WiFi is available to all participants.
- A 15 minute break will be taken mid-morning.
- Lunch around the noon hour will be served here.
- Several small breaks will be built in to the afternoon small group sessions.
- We'll conclude by 4:30 pm.