



Western Washington University
Western CEDAR

Salish Sea Ecosystem Conference

2014 Salish Sea Ecosystem Conference
(Seattle, Wash.)

May 2nd, 10:30 AM - 12:00 PM

Planning for Change: Climate Adaptation Survey Results

Jamie Erin Mooney

Washington Sea Grant Program, mooneyja@uw.edu

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Building Community Resilience: Moving Beyond Climate Adaptation Planning to Implementation

Speakers

- Jamie Mooney
- Andy Haub
- Fred Buckenmeyer
- Crystal Raymond
- Ben Clark
- Amy Snover

Planning for Change: Climate Adaptation Survey Results

Jamie Mooney

mooneyja@uw.edu

Washington Sea Grant

May 2, 2014

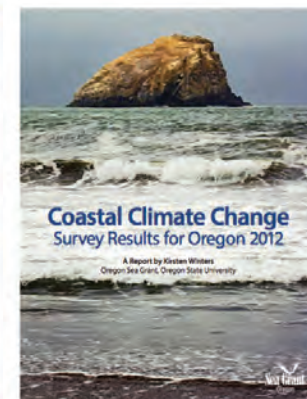
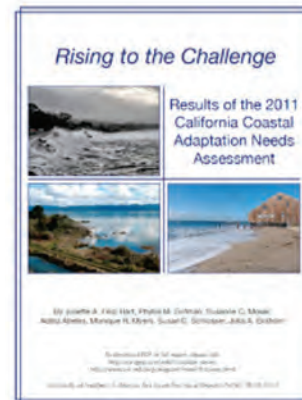
Salish Sea Conference

www.wsg.washington/coastalsurvey



Climate Change Adaptation Survey

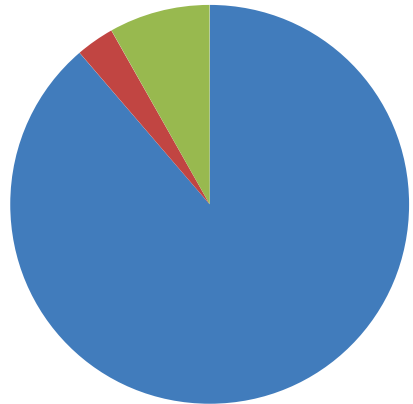
- Conducted in August 2012
- Sent to 339 coastal practitioners in the Coastal and Shoreline Planners Group
 - 98 responses
 - Elected officials
 - Published April 2014
- Part of a larger National Effort





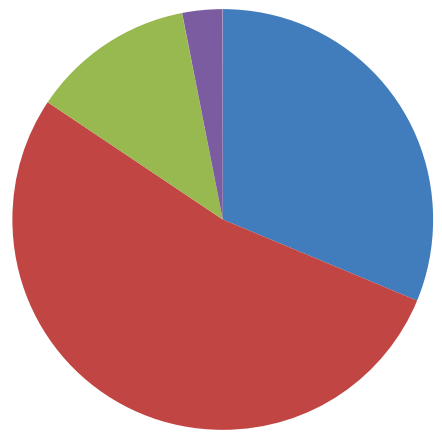
Do you think the climate in your area is changing?

- Yes
- No
- Don't Know



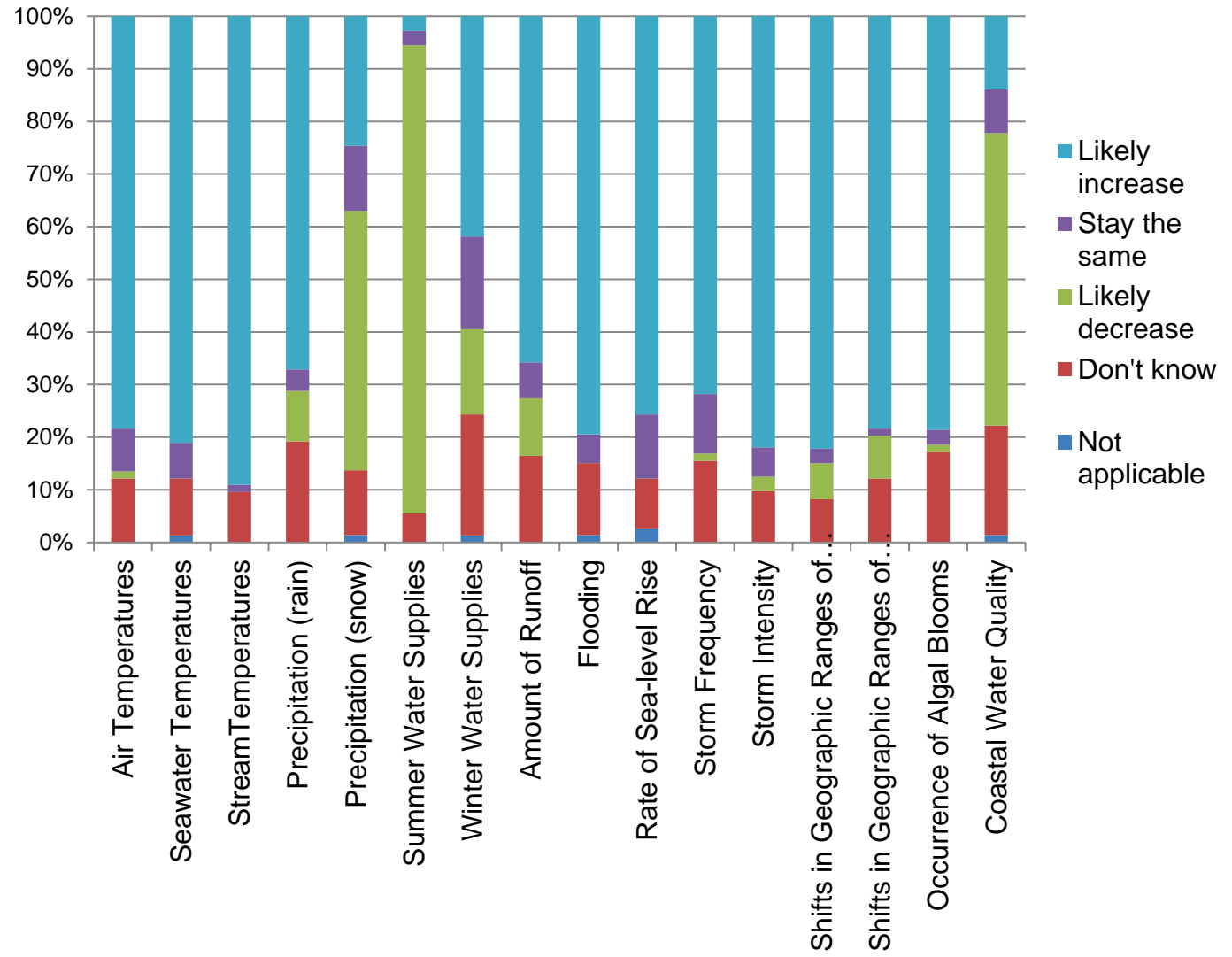
How well informed are you about the effects of a changing climate in your area?

- Very Well Informed
- Moderately Informed
- Slightly Informed
- Not at all Informed

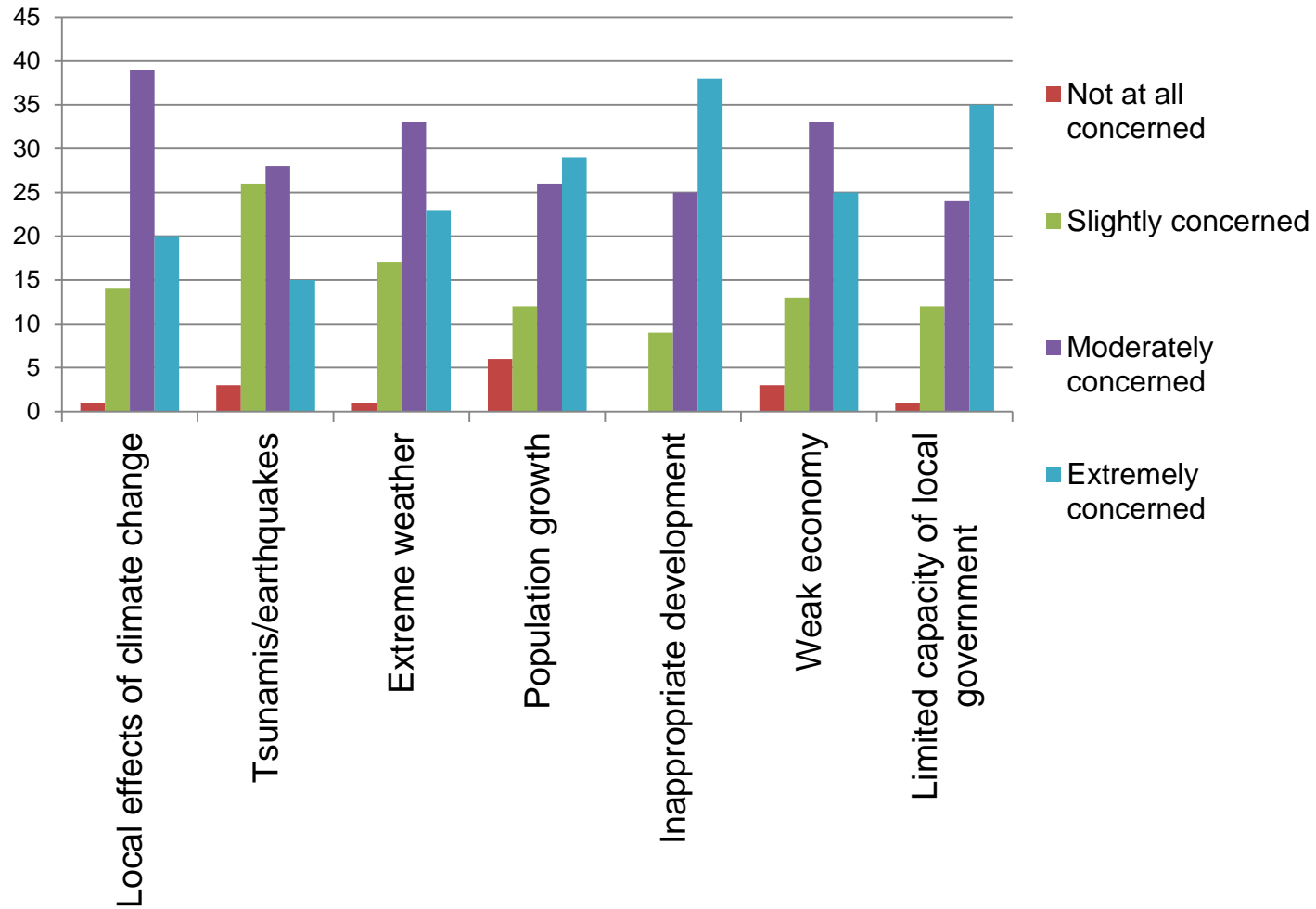




Perceptions of Climate Change Impacts



Personal concern over potential stressors



Priorities

- 71% identify **adaptation** as a top/medium priority to dealing with the projected impacts of climate change
- About 1/3 responses listed sea level rise as the first risk associated with a changing climate that comes to mind



Climate Adaptation Planning

Understanding

Planning

Implementing



Understanding

Understanding

Planning

Implementing

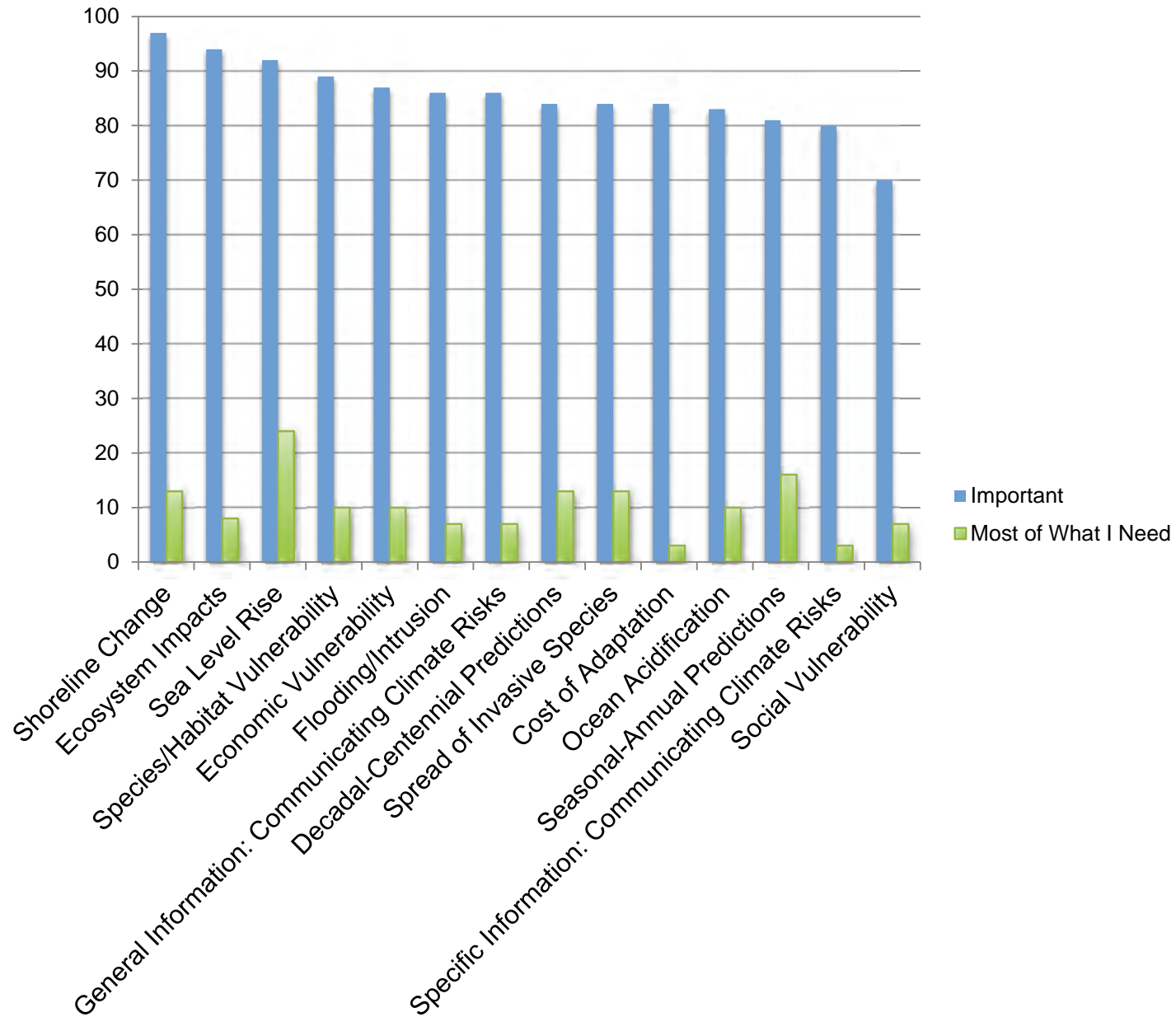


■ Raised Awareness

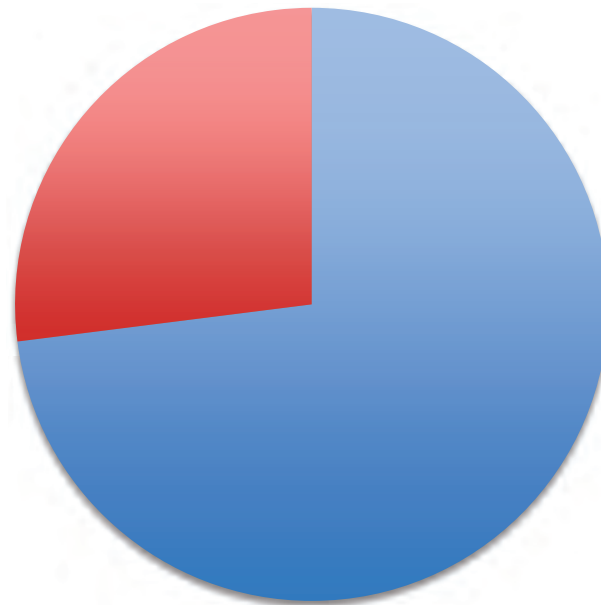
■ Information Gathering

■ Problem Assessment

Information Needs



Planning



- Climate risk options
- Response assessment
- Options for action

What prompted involvement?

Drivers of Adaptation	Response Percent
I Am Not Currently Involved	34%
Regionally or Locally-Specific Information Showing Potential Impacts	21%
State-Level Climate Adaptation Strategy	18%
Update of General Plan, Local Coastal Plan, or Emergency Management Plan	18%
Personal Motivation to Address the Issue	18%

Implementing

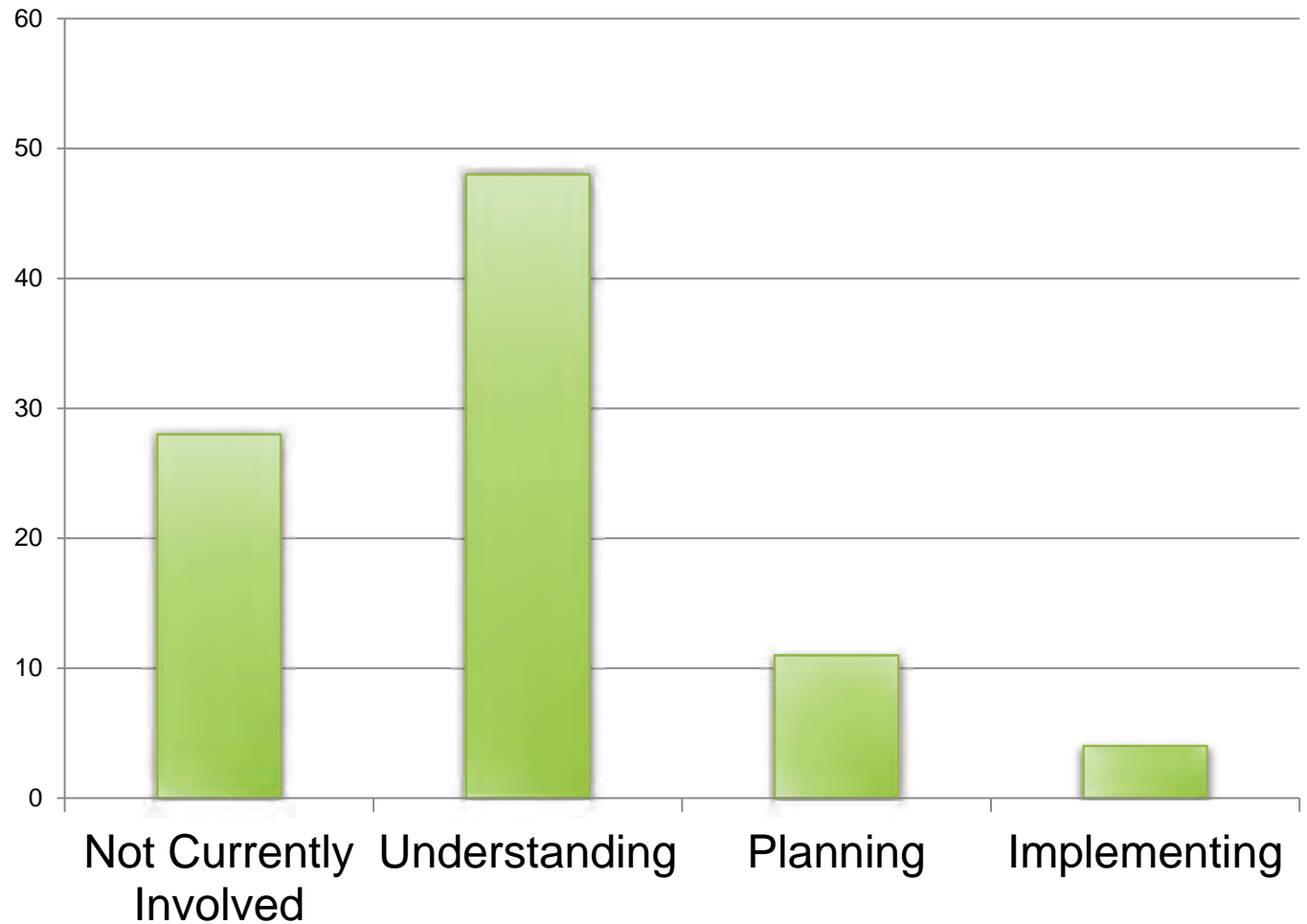
Understanding

Planning

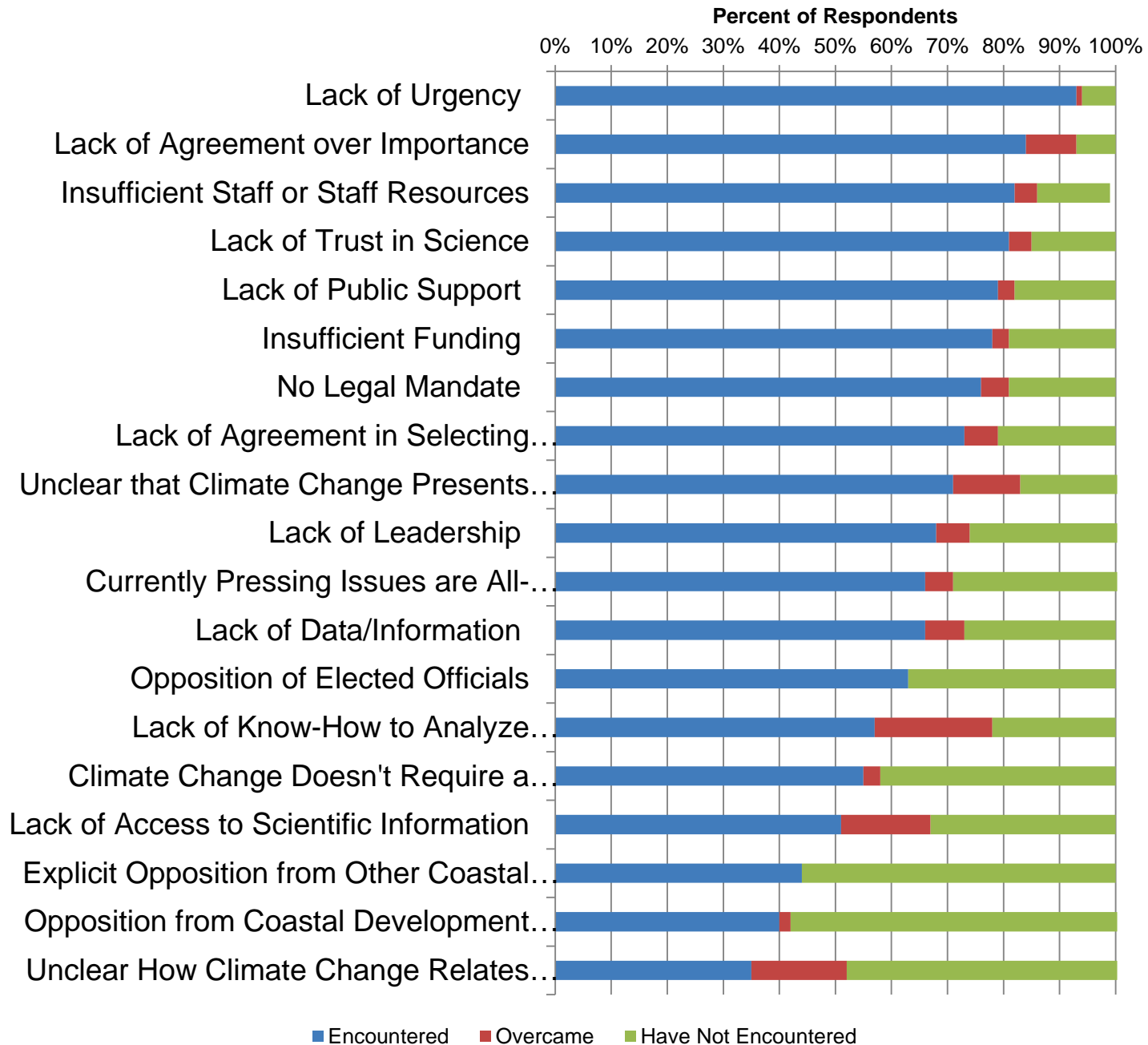
Implementing

- Beginning implementation – 100%
- Monitoring
- Evaluating and reassessing

Current State



Hurdles to the Adaptation Process





Hurdles

1. Lack of urgency regarding climate effects
2. Lack of agreement over importance of climate change effects
3. Insufficient staff or staff resources to prepare a plan
4. Lack of trust in available science
5. Lack of public support to plan for climate effects

Now what?

This survey:

- Identified information needs
- Identified hurdles
- Established a baseline of understanding

Questions?

Survey available at:
wsg.washington.edu/coastalsurvey

Jamie Mooney
Washington Sea Grant
Coastal Resources Specialist

mooneyja@uw.edu

206.616.3368