



**Midwest Climate Change Workshop
October 26-27, 2010
USEPA – Region 5 Office
Chicago, IL**

WELCOME REMOTE ATTENDEES!

We have invited people to tune in remotely via webinar. We ask that the people calling in put their phones on mute during the presentations. At various times we will open up the floor for questions and interactive discussions, at which time the remote attendees can unmute their phones and ask questions. You can also email questions and comments to Britta Bierwagen (bierwagen.britta@epa.gov) - she will monitor her email during the workshop.

Why are we here?

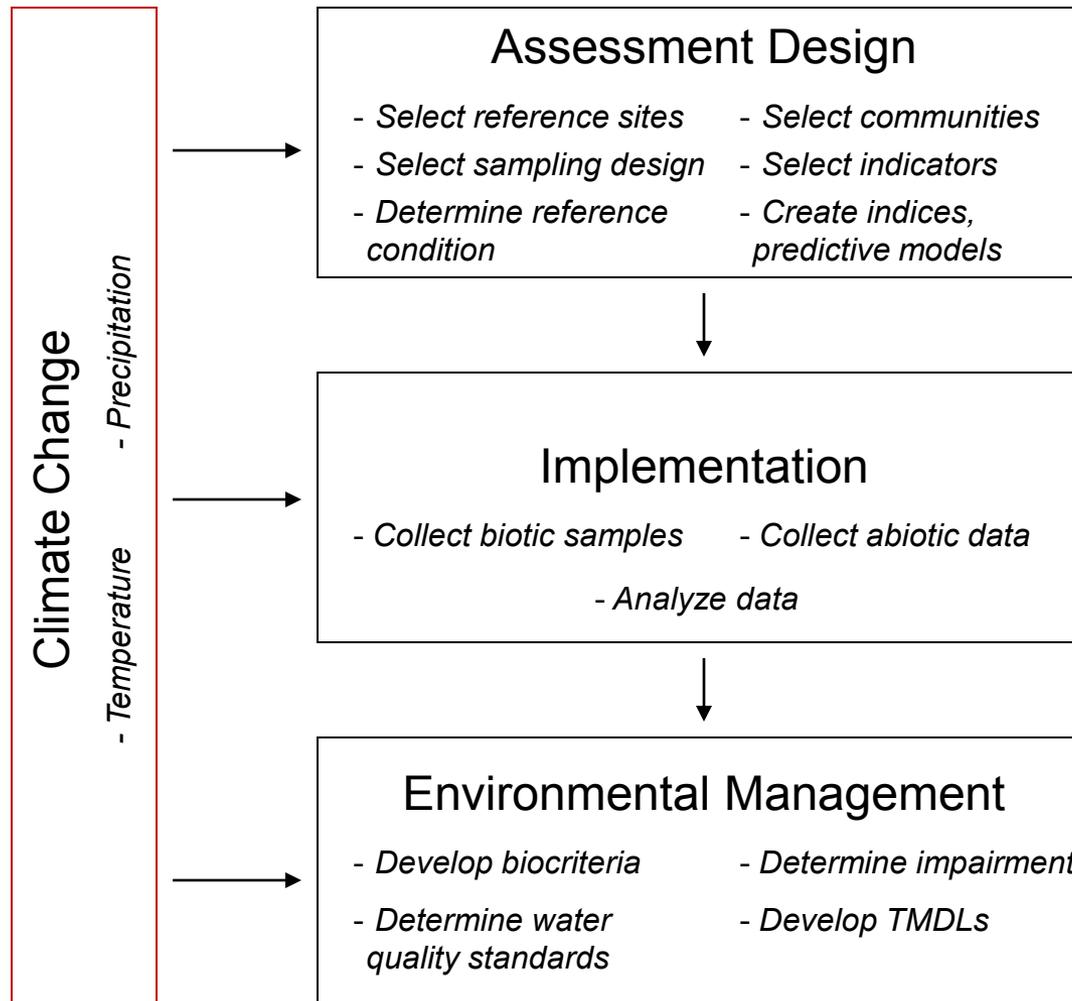
Discuss regionally-specific results from climate change and bioassessment project

Learn about other climate change and aquatic ecosystem-related projects in Region

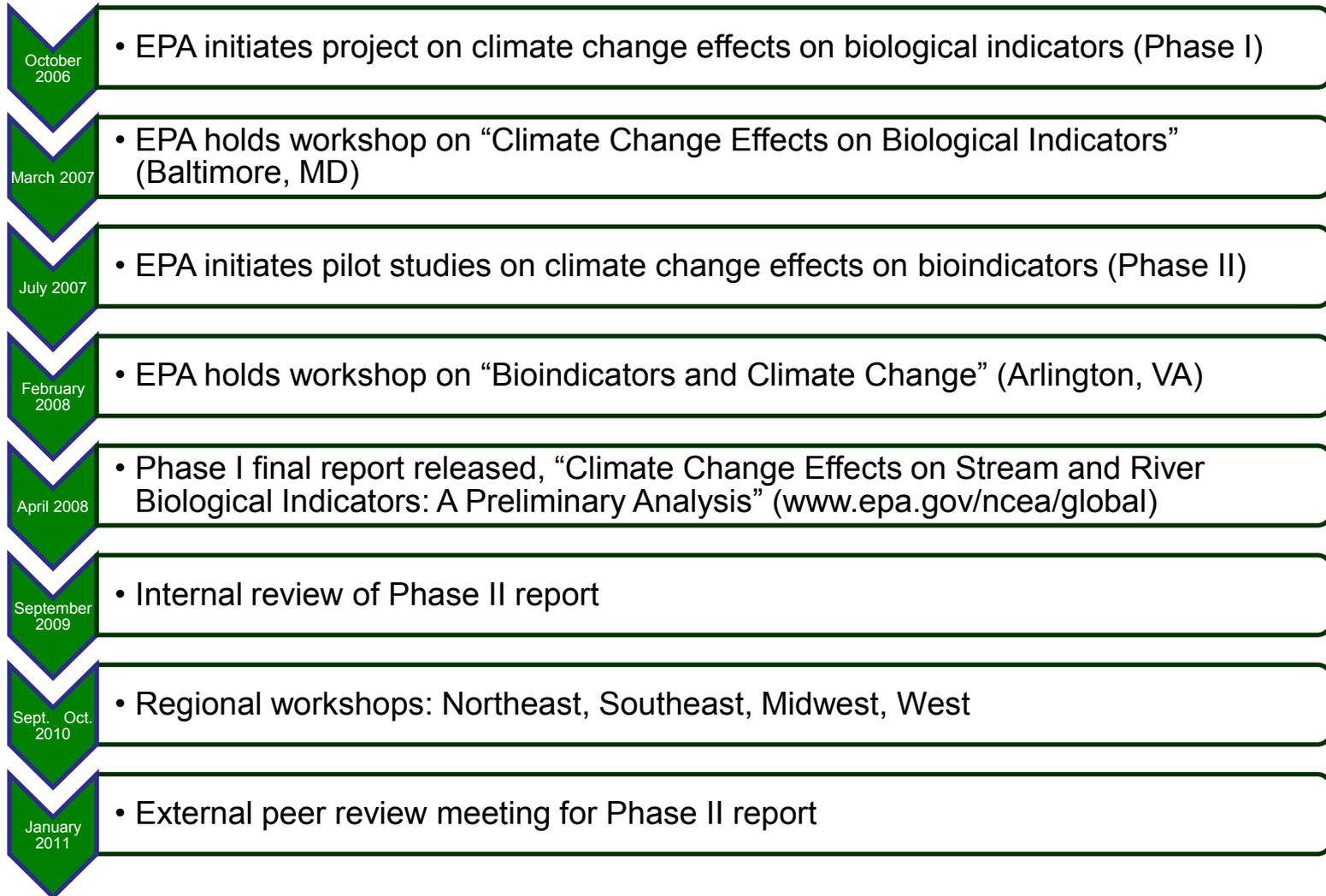
Discuss knowledge gaps and approaches to fill them

Brainstorm next steps given what we know and state/regional priorities and constraints

How Climate Change Affects Bioassessment Program Activities

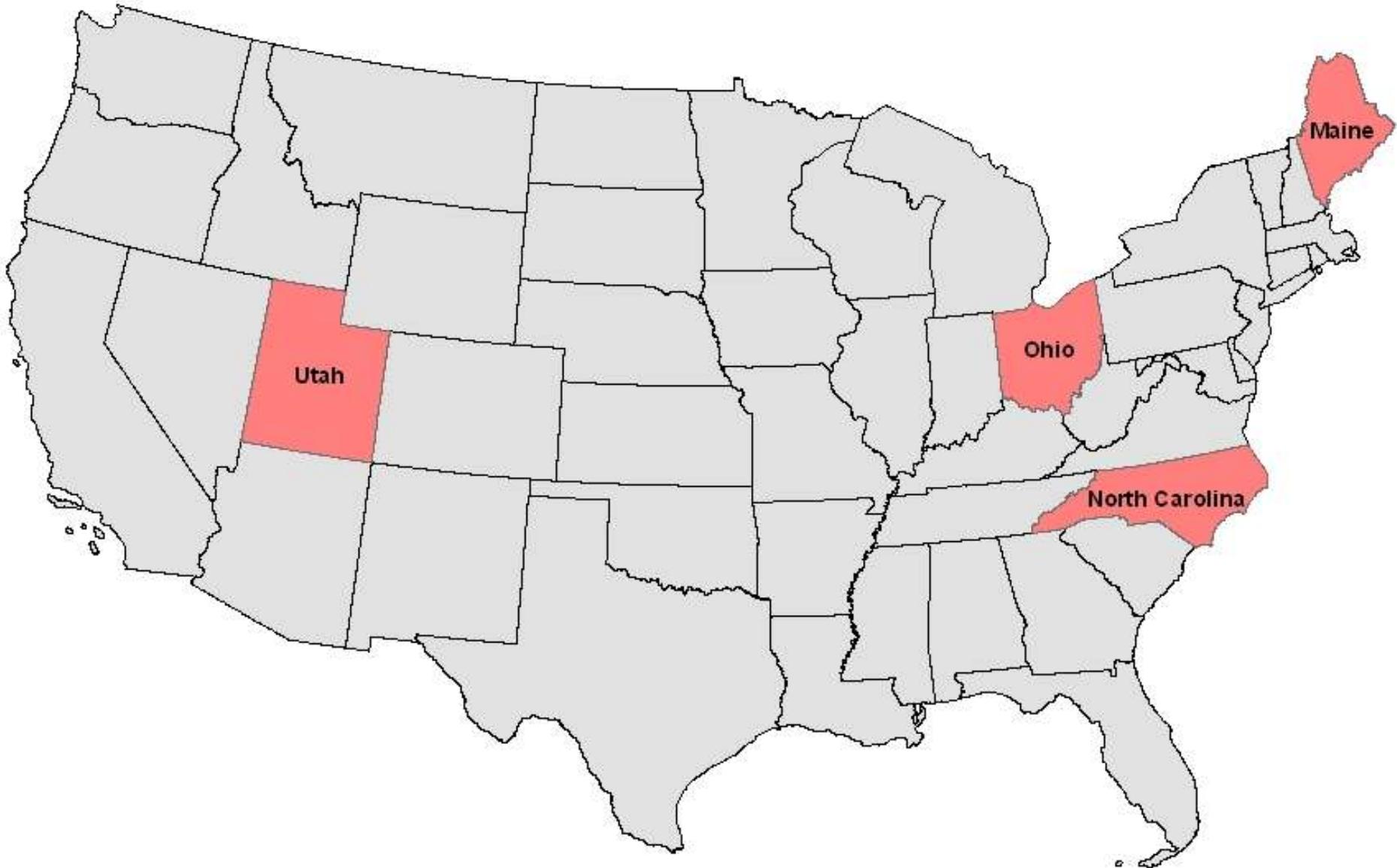


Project Evolution





State Biomonitoring Data





Workshop Objectives

- Discuss results using data from Ohio
 - Regional vulnerabilities and reference sites
 - Climate change effects on indicators, indices, predictive models, and subsequent condition assessment
- Identify candidate indicators and species traits to detect climate change-related effects
- Understand limitations of current sampling designs for detecting climate change-related effects
- Identify potential options for long-term monitoring to detect such effects

Agenda – Day 1

- | | |
|---------------|--|
| 9:00 – 9:10 | Welcome & Workshop Introduction |
| 9:10 – 9:30 | Round robin – Participant Introductions |
| 9:30 – 10:30 | Presentation & Interactive Session on Vulnerabilities |
| 10:30 – 10:45 | Break |
| 10:45 – 12:00 | Presentation: Re-evaluation of Ohio Reference Condition & Biocriteria Thresholds Based on 10-Year Interval Resampling |
| 12:00 – 1:00 | Lunchtime presentation: USGS Climate Effects Network |
| 1:00 – 1:15 | Break |
| 1:15 – 2:45 | Presentation & Interactive Session on Indicators |
| 2:45 – 3:00 | Break |
| 3:00 – 3:30 | Freshwater Biological Traits Database |
| 3:30 – 4:00 | Presentation & Interactive Session on Gaps |
| 4:00 - 5:00 | Open Discussion |