



# **Explaining Trends in Aquatic Conditions: critical research insights and gaps for the next cycle of adaptive management**

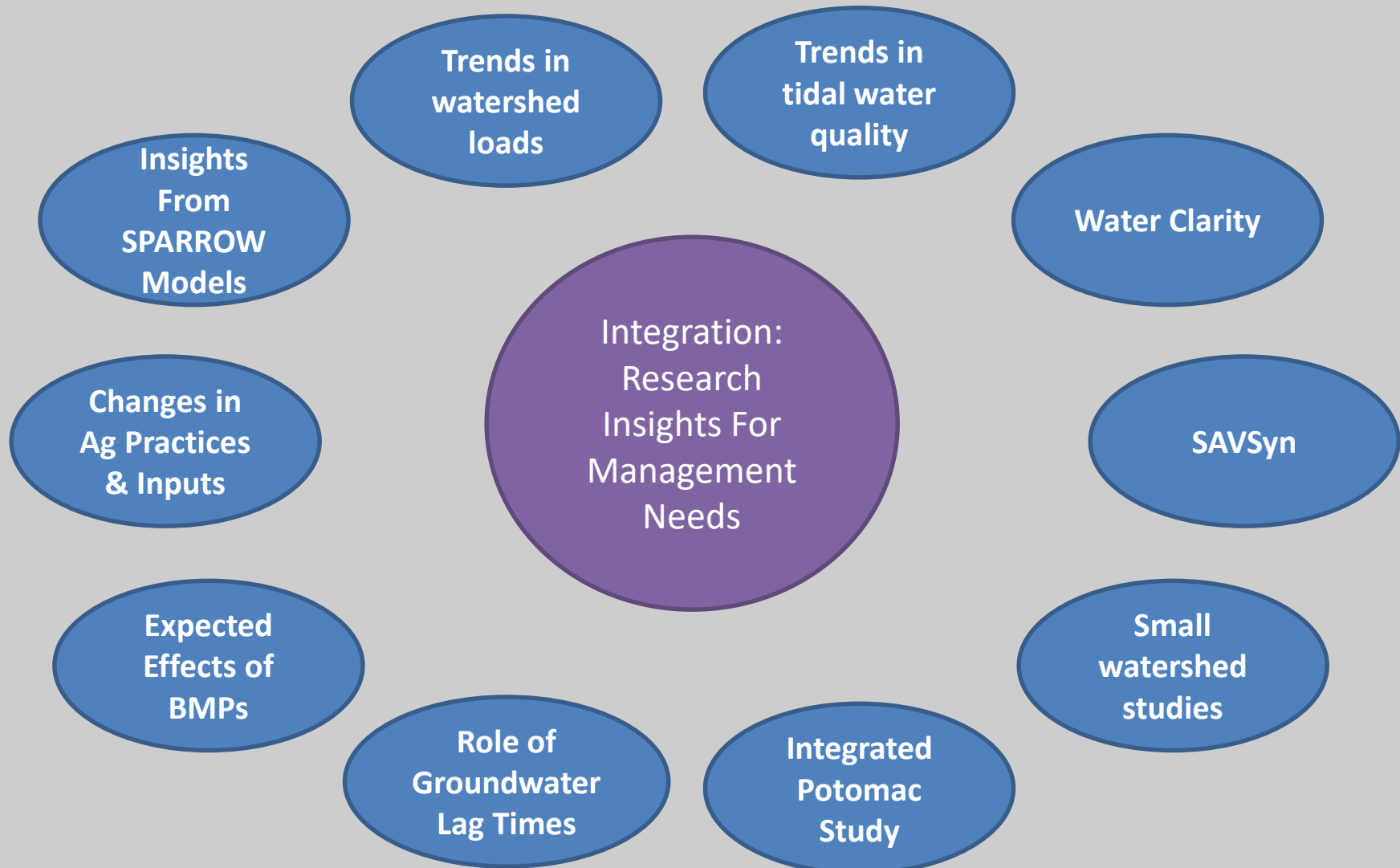
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## December 2017 Workshop





## Lessons from the December 2017 STAC Workshop

### The goals were on target – but ambitious

- Present synthesis of research insights to inform decision-making to fellow scientists and to decision-makers
- Identify synergies and critical gaps across research areas (watershed; estuary)
- Get input and feedback from managers on relevance and high priorities for future research to inform decision-making



## Lessons from the December 2017 STAC Workshop

***Limiting presentation time and maximizing discussion time works!***

### **What we got:**

- ✓ The first time many of these researchers and managers had spoken directly to each other
- ✓ Open, equal exchange of information and perspectives – no agenda
- ✓ Greater appreciation for the technical challenges faced by managers, and the scale at which they need information
- ✓ Enhanced local science engagement to inform WIP planning



## Lessons from the December 2017 STAC Workshop

***This was just the first phase of an important process and dialogue***

### **What we didn't get:**

- ✗ Didn't get a robust, research-focused discussion of synergistic insights or critical gaps and how to fill them
- ✗ Insights from our syntheses could be better targeted to managers' needs

## Phase II: Potential Topics

### Topics Discussed at December Workshop:

- Water age and implications for detecting effects
- Near-term evaluation of BMP implementation
- Local co-benefits of BMPs
- Sediment transport and impacts
- Reducing uncertainty on critical drivers and estuarine response

## Phase II: Goals

### Workshop Goals:

- Identify synergistic insights, complementary insights, contradictory insights across disciplines;
- Prioritize critical gaps that limit understanding of drivers and ecosystem response;
- Accelerate adoption of advanced analytical techniques;
- Continue dialogue of input and feedback from technical jurisdiction managers

## Phase II: Format

### Workshop Format:

- Pre-determined template to present current state of knowledge, key insights, and critical obstacles to better understanding
  - Conceptual model of how the system works;
  - Key insights relevant to decision-making;
  - Critical obstacles to further decision-relevant understanding
- Organizers will work with researchers prior to workshop to support effective use of template
- Breakout discussions:
  - Complementary, contradictory, and/or synergistic insights
  - Most promising approaches to overcome obstacles
- Discussion context: continued dialogue with technical jurisdiction managers



## Phase II: Potential Topics

