

# BIOINTEGRITY-BIOSTIMULATORY PROJECT STAKEHOLDER ADVISORY GROUP WEBINAR

May 7, 2018

1:30-2:30 pm

# GOALS OF WEBINAR

- Update you on Water Board staffing changes to biostimulatory-biointegrity project
- Discuss next steps on stakeholder advisory group facilitation services
- Provide you with a brief update on technical activities and next steps

# Project Goals

- Biointegrity: Establish and implement biological condition assessment methods, scoring tools, and targets for assessing biological integrity.
  - Identify, maintain and protect waterbodies with “good” biological integrity
  - Establish plan to restore (to the extent feasible) waterbodies identified as having “poor” biological integrity.
- Biostimulatory: Establish a statewide narrative water quality objective for biostimulatory substances, and potentially develop numeric thresholds.
- Develop implementation program for biostimulatory substances and biological integrity
  - Coordinated watershed management approach is preferred by stakeholders
- Phase 1: Wadeable streams
- Phase 2: Lakes & Estuaries

## PROJECT STAFF

**Section Chief: Rebecca Fitzgerald**

**Project Manager: Lori Webber**

**Project Staff Lead: Jessie Maxfield**


**Project Staff Lead: Joseph Westhouse**

# STAKEHOLDER FACILITATION SERVICES

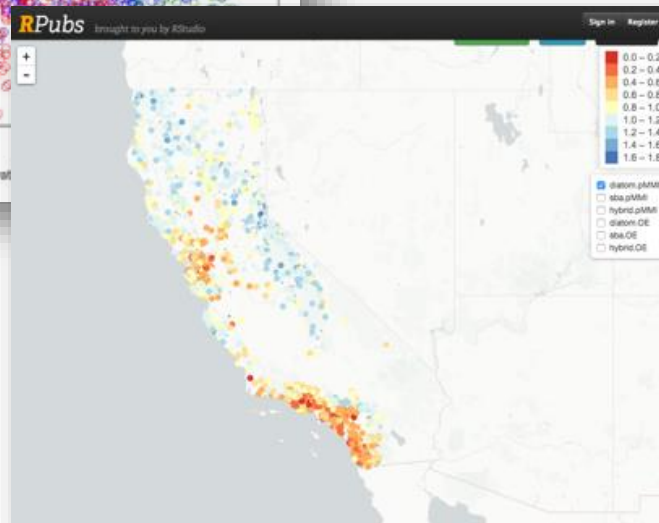
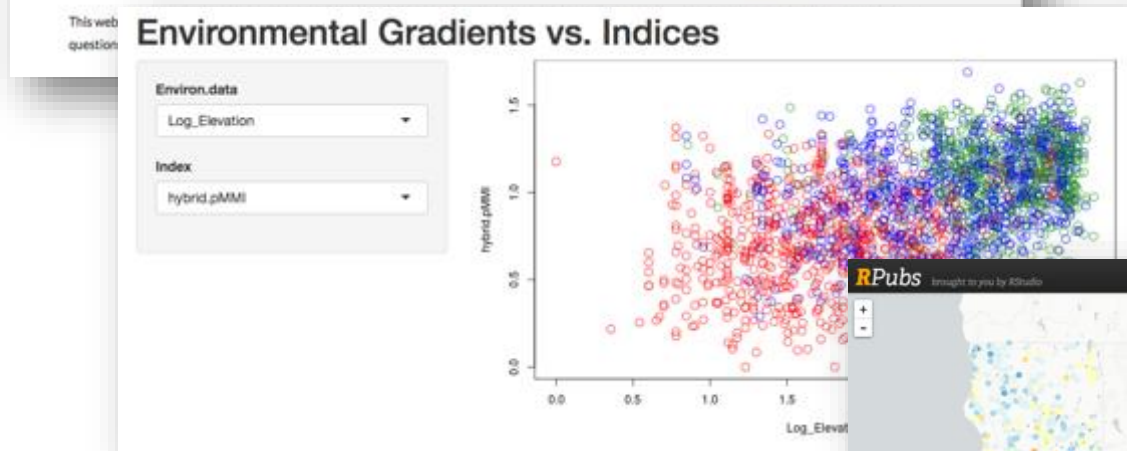
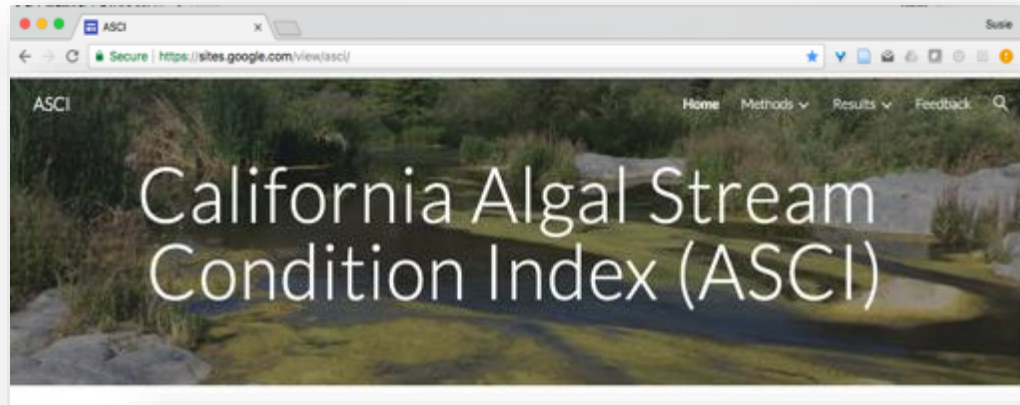
- Water Board does not have resources to hire new stakeholder facilitator
- We are interested in hearing from you whether you feel facilitation services are key moving forward and, if so, what are potential solutions
- In the short-term, we proposed the sector leads to take a more active role in bringing any concerns to the Science Panel
  - Let us know if there are any concerns with that

# OVERVIEW OF SCIENCE PLAN COMPONENTS AND PRODUCTS

<u>SCIENCE PLAN COMPONENT</u>	<u>USE</u>	<u>PRODUCTS OR DELIVERABLES</u>
<ul style="list-style-type: none"><li>• Provisional Algal Stream Condition Index</li><li>• Biological Condition Gradient for invertebrates and algae</li></ul>	<ul style="list-style-type: none"><li>• Second line of evidence in bioassessment</li><li>• Decision support to select CSCI and ASCI assessment endpoints</li></ul>	<ul style="list-style-type: none"><li>• Draft manuscript, ASCI code, maps and foundational data</li><li>• Manuscripts describing development of BCG model, key graphics containing crosswalk to ranges of CSCI and ASCI, and narrative description of BCG tiers, foundational data, data on expert scoring</li></ul>
<ul style="list-style-type: none"><li>• Channels in Developed Landscapes GIS model</li></ul>	<ul style="list-style-type: none"><li>• Support conversations on management of channels that may have constraints on integrity</li></ul>	<ul style="list-style-type: none"><li>• Manuscript, statistical model, model output, maps</li></ul>
<ul style="list-style-type: none"><li>• Eutrophication Synthesis</li></ul>	<ul style="list-style-type: none"><li>• Conceptual models and review of biostimulatory indicators;</li><li>• Statistical models linking biointegrity endpoints to biostimulatory thresholds</li></ul>	<ul style="list-style-type: none"><li>• Report with review of biostimulatory indicators; manuscript with statistical model linking CSCI/ASCI ranges to nutrient and organic matter, foundational data</li></ul>



# LAST WINTER, YOU PROVIDED FEEDBACK ON ASCI



- Science Panel input along development process
- Stakeholders feedback in winter 2017
- Final provisional ASCI, plus manuscript, targeted for summer 2018

<https://sites.google.com/view/asci/home>

# SCIENCE PRODUCTS: NEXT STEPS

## June/July webinars:

- ASCI findings
- Biostimulatory stress response models

## August/September SAG meeting

- Review and discussion of draft manuscripts
- Discussion of Science Panel charge questions

## October Science Panel Meeting

- Review of biointegrity science products (draft manuscripts)
- Review of biostimulatory science products (draft manuscripts and eutrophication synthesis)
- Science that would support a watershed approach

# POLICY: NEXT STEPS

Water Board staff are focused on other ongoing policy projects

- Expect to be re-engaging in the fall time frame
- Timing appropriate with respect to science panel review of technical products
- Expect to have an updated, realistic schedule then

Other comments you wish to discuss?

Questions?

Other Thoughts?