

DEVELOPING COMMISSION AGENDA ITEMS FOR 2018

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Presentation to the SCCWRP Commission

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BACKGROUND

- **Commission agendas were historically developed about two weeks prior to the meeting**
- **This year we moved toward year-ahead planning window for agendas**
 - Provides more time for Commissioners to prepare
 - Allows CTAG more time to plan their agendas
 - We had positive feedback about this enhanced planning window
- **You all decided to use a year-long planning window again this year**
 - Commissioners were polled intersessionally about preferred topics
 - 11 of you provided responses
 - We will now share those findings and use the responses to begin crafting your future agendas

THREE TYPES OF TOPIC AREAS

- **CTAG topics**
 - CTAG focuses each meeting around a research theme
 - The Commission typically hears a science update about the topic area that CTAG focuses on in their meeting
- **SCCWRP science related to timely management issues**
 - Topics intended to catalyze Commission discussions early in the evolution of management decisions
 - Helps focus SCCWRP research to support management decisions
- **Briefings about emerging issues**
 - Leveraging SCCWRP's scientific knowledge to inform the Commission about up-and-coming issues of management relevance.
 - Not necessarily oriented around SCCWRP research

CTAG TOPICS

- **Contaminants of emerging concern (February)**
 - 8 votes
- **Bioassessment (May)**
 - 9 votes
- **Nutrients (August)**
 - 7 votes
 - With a request for HABs update as part of this
- **Regional monitoring (November)**
 - 8 votes

SCCWRP SCIENCE RELATED TO TIMELY MANAGEMENT ISSUES

- **Topics suggested in the memo**

- Physical-biogeochemical model outputs (9 votes)
- Bioassessment/biostimulatory policy science (8 votes)
- Outcomes of the CEC Expert Panel (8 votes)
- Progress in application of molecular biological methods (7 votes)
- Science behind human-health sediment quality objectives (6 votes)
- New genetic profiling approaches for source tracking (5 votes)

- **Additional topics suggested by Commissioners**

- SCCWRP's BMP efficiency studies
- Antibiotic resistance study outcomes
- QMRA update
- Ecohydrology
- Sea level rise

BRIEFINGS ABOUT EMERGING ISSUES

- **Topics suggested in the memo**
 - New flow management policies in CA (7 votes)
 - USEPA's cyanotoxin criteria (7 votes)
 - CEDEN update (4 votes)
 - Mercury objectives (3 votes)
 - Newport Bay community's approach to attaining shellfish waters microbiological criteria (3 votes)
 - Use of coastal waters for aquaculture (1 votes)
- **Additional topics suggested by Commissioners**
 - Debris/What we know about microplastics in wastewater effluent
 - Recycled water policy update
 - State's mitigation policy
 - Toxicity policy implementation
 - Bacterial water quality objectives update

TRANSLATING THOSE PREFERENCES INTO DRAFT AGENDAS

- **We typically have time for four scientific topics at each meeting**
 - Some flexibility depending on the depth of the topic
- **Started by inserting items that received scores of 6+**
- **Then looked for related topics to fill in the agendas**
 - Often based on anticipated external timing for particular issues
- **This is just a starting point for your discussion**
 - Ultimate decision about agendas lies with the Commission Chair

STRAW MAN FOR FEEDBACK

- **March (emerging contaminant theme)**
 - SCCWRP research summary - Contaminants of emerging concern (8 votes)
 - CEC Expert Panel recommendations (8 votes)
 - USEPA's cyanotoxin criteria (7 votes)
 - Human health sediment quality objectives (6 votes)
- **June (stream biology theme)**
 - Science behind California's bioassessment/biostimulatory policy (9 votes)
 - Molecular biological methods (7 votes)
 - New flow management policies in California (7 votes)
 - Toxicity policy implementation (request)
- **September (nutrients theme)**
 - SCCWRP research summary – Nutrients (7 votes)
 - Physical-biogeochemical model outputs (9 votes)
 - CEDEN update (4 votes)
 - What we know about microplastics in wastewater effluent (request)
- **December (microbiology theme)**
 - SCCWRP research summary – Regional Monitoring (8 votes)
 - Newport Bay's approach to attaining microbiological criteria for shellfish waters (3 votes)
 - Antibiotic resistance study outcomes (request)
 - New genetic profiling approaches to source tracking for human fecal material (request)
 - QMRA update (request)

TOPICS NOT IN THE STRAWMAN

- **All of the CTAG suggested topics were included**
 - As were all of the topics about SCCWRP conducted science
- **The only ones not included were briefings about emerging issues or requests not in the poll**
 - Two because of low count in your voting
 - Three because we don't have a lot to say at the moment
 - One because we covered it today
- **Any of these can be added back if you desire**
 - Use of coastal waters for aquaculture (no votes)
 - Mercury objectives (3 votes)
 - SCCWRP's BMP efficiency studies (request)
 - Toxicity policy implementation (request)
 - Recycled water policy update (request)
 - California's mitigation policy (request)
 - Climate change/sea level rise (request)