

Standing Up the Science Panel

Initial Views on roles and expectations



Science Panel

Purpose:

Guide water quality criteria development by overseeing targeted scientific study

Objectives/Duties

- Develop scientifically defensible approach
- Identify gaps in scientific expertise and understanding
- Recommend study objectives to Steering Committee
- Develop strategic research program
- Develop process for independent peer review
- Develop guidance for treatment of uncertainty
- Recommend water quality criteria to Steering Committee



Science Panel

Objectives/Duties

- Recommend and prioritize studies
- Develop study methods
- Guide Scientific research
 - Define study objectives
 - Review and approve study work plans
 - Direct PI's and study contractors
 - Review and participate in data collection efforts
 - Interpret and report results
- Collaborate with related research programs



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Disciplines/areas of expertise



Science Panel Expertise

Composition

- 5 to 7 member panel
- Membership reflects scientific disciplines

Expertise

Limnology

Biogeochemistry

Phycology

Nutrient cycling

Hydrodynamic modeling/hydrology

Water quality modeling

Aquatic ecology

fisheries management

Water quality criteria development

Wetland science



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Criteria for membership



Science Panel Membership Criteria

Charter Criteria

- Public or private sector
- Relevant scientific disciplines
- Independent and unbiased
- Demonstrated expertise
- Currently active in respective field
 - Recent peer reviewed publications
 - Presentation at scientific meetings
 - Applied science to manage lake resources
- Disclose conflicts of interest, financial relationships, or contracts with Steering Committee or other special interest
- May not be a member of the Steering Committee
- Panel will nominate and select chair person
- Expected to attend all meetings
- Reimbursement of out of state travel
- Modest honorarium for non-public employees

