

North Central Coast Monitoring
Planning Workshop
Oct 22-23, Pacifica

***Charge to Scientific
Working Groups:
Status & Trends Measures***

Scientific Working Groups: Goals

- Develop scientifically sound recommendations for baseline characterization and long-term monitoring approaches
- Discuss ideas and refine recommendations with workshop participants to help inform a draft Monitoring Plan

Scientific Working Groups: Considerations

- Develop scientifically sound recommendations for baseline characterization and long term monitoring approaches
 - Create a forum for scientific/technical discussion & debate
 - Foster evaluation of creative, novel approaches
 - Respond to review of products

Scientific Working Groups: Considerations

- Discuss ideas and refine recommendations with workshop participants to help inform a draft monitoring plan
 - Convey ideas and deliberations: capture key thinking
 - Provide recommendations based on scientific and practical evaluations
 - Refine recommendations based on discussions

Developing Status & Trends measures

Identify & evaluate potential attributes & indicators:

‘What are the most important pieces of information and why?’

- Expected response: time and magnitude
- Reliability: error sources and magnitude
- Interpretation: response to MPA implementation

Developing Status & Trends Measures

Identify & evaluate potential attributes & indicators:

‘How knowable are these pieces of information?’

- Existing data & reports: strength & scope
- Recommended methods & sampling
 - application to NCC proposed MPAs
 - analysis and interpretation
 - costs

...for baseline characterization and long-term monitoring

Developing Status & Trends Measures

Identify & evaluate potential attributes & indicators:

Additional considerations:

- Range of response times
- Efficiencies gained by attribute/indicator overlaps
- MPA assessment at individual MPA and regional scales
- Recommendations for state-level monitoring

Outcomes: Inputs to Workshop 2

- Potential attributes & indicators
- Evaluations of proposed indicators and approaches
- Recommended attributes and indicators
- Recommended priorities for baseline monitoring