



**SAB EPEC Review of the
Ecological Assessment Action Plan
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***Science Policy and Technical
Practice Initiatives in the
Ecological Assessment
Action Plan***

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Components of the RAF's Action Plan for Ecological Assessment

- Science Policy Relevant Initiatives
 - Colloquium participants' major concerns all had policy aspects
 - Most of SAB and NRC recommendations also had policy aspects
 - Require buy-in from policy makers
 - Some initiatives may require collaboration with policy makers
- Technical Practice Initiatives
 - Science initiatives the RAF can execute independently



Science Policy Relevant Initiatives

- Systems Approach and Integration of Types of Assessments
- Use of Weight of Evidence
- Communicating ERA Results to Decision Makers
- Incorporation of Ecosystem Services in ERA
- Use of Adaptive Management
- Strengthening EPA's Ecological Protection Goals



Technical Practice Initiatives

- Training and Improved Access to Information
 - Putting guide to ERA guidance on the web
- QA and Data Quality Objectives for ERA
 - Standards for Eco data and assessments
- Multiple Stressors in ERA
 - Guidance for mixtures in HH but not eco and not full range of stressors
- Receptor-specific and Stressor-specific Guidance
 - For example, how do we assess toxicity to reptiles?



Technical Practice Initiatives 2

- Life Cycle Analysis for Product Safety
 - Expands scope of ERA
- Uncertainty Characterization and Communication
 - General need, not just ecological
- Alternatives to Conventional Guidance
 - State-of-Science reviews
 - Best practices
 - Exemplary case studies
 - Success stories



Charge Question

- Comment on whether the initiatives proposed are:
 - Responsive to the SAB and NRC
 - Represent the most important set of activities
- Consider whether there are other key science policy or technical practice initiatives that should be considered for inclusion in the plan.