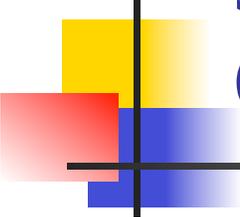


# Science Advisors Perspective on Needed GCDAMP Socio-economic Research

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- GDCAMP creation of knowledge relating to social implications of management actions taken or planned needs to be expanded
- GCDAMP should develop quality assessments of monetary impacts of management actions on various resources as budget and priorities permit
- GCDAMP conduct of biophysical/socioeconomic tradeoff assessments needs to be improved
- GCDAMP should develop tradeoff analysis methodology that is effective for real time adaptive management processes

# GCDAMP Knowledge Related to Social Impacts of Management Actions is not Effective

- The only goal and resource evaluated is power and it could to be improved for effective AM
- Market and non-market values of other resources are not developed
- Social implications of total costs incurred, values foregone, job impacts, tax impacts, etc are not developed.

# GCDAMP Should Develop Effective Monetary Assessments of Resource Impacts as Budget and Priorities Permit

- What are the market values of water and power foregone for a specific experimental option or management action
- What are the market values of recreation boating, sport fishing, tourism industry, etc. foregone
- What are the non-market values of HBC, sand beaches, SWF, solitude, etc. foregone

## Use of Tradeoff Assessments in the Adaptive Management Process are not Currently Effective for Evaluating Net Biophysical and Social-economic Impacts of Policy Experiments

- No active AM process exists to conduct robust real time tradeoff assessments incorporating both biophysical and socioeconomic parameters
- A potential GCDAMP model exists but could require revision for real time assessments
- Other models do exist and could be evaluated for use by the AM process

## **GCDAMP Should Develop Real Time Tradeoff Analysis Capability as Resources and Priorities Permit**

- Would require initial work on values for selected resources
- GCDAMP approach should evaluate real time assessment capability, i.e. workshop environment short term analysis period
- Model or models should not be overly complex, if possible