



Socioeconomics Plan FY2011

Helen Fairley, GCMRC Sociocultural Program Manager
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AMWG Motion from August, 2010

The AMWG supports implementation of studies to further our understanding of the socio-economics of adaptive management decisions within the AMP; this includes market, non-market, and non-use studies.

Thus, AMWG directs TWG to further develop an economics implementation plan to be provided to the AMWG at its next meeting for possible implementation in FY2012.

FY 2011 – Near Term Activities

- GCMRC to acquire additional capacity to support SE work – seeking support w/in USGS and externally
- GCMRC to meet with WAPA to develop agreement for
 - Modeling of CRSP power in relation to western power grid (WECC)
 - Base case analysis
- Socioeconomics 101 Training
- Modeling workshop
 - Specifics to be developed based on final needs assessment

AMWG Direction for Implementation Plan

The implementation plan (currently being developed by SEAGH) is to include the following components:

- a.** Information needs associated with each study or analysis and the prioritization of those needs;
- b.** scope and costs associated with each project and potential funding sources;
- c.** A description of how the information would be useful to the program, and
- d.** A more thorough review of the economic panel report

TWG – SEAHG Interaction / Planning

- SEAHG developed table summarizing recommendations from SE Expert panel
- TWG to review the table of recommendations and provide feedback to SEAHG by Nov 26, 2010
- SEAHG to prepare draft plan to address priority socio-economic information needs for consideration/ approval at January TWG meeting
- GCMRC to determine best methods to address priority INs in consult w/ WAPA, SAs, other experts
- GCMRC and TWG chair to present plan to AMWG at February 2011 meeting

Base Case Development

- Base case to provide foundation against which economic implications of past or future alternative flows can be compared
- Base case must reflect an agreed upon “standard” for MLFF operations
 - What is appropriate standard?
 - Does there need to be more than one?
- Analysis to be done by WAPA, per AMWG direction
- WAPA is preparing a “straw man” task description for GCMRC consideration
- GCMRC to provide final task direction to WAPA, coordinate peer review, and publication

Change Case Analyses

- What change cases (alternative operations) does TWG want to evaluate in FY11-12?
- Is there a process for prioritizing which change cases to analyze?
- Need clearly defined parameters for this work to move forward

Socioeconomics 101 Training

- Training to provide TWG members and interested AMWG members with a basic *general* introduction
 - Standard economic concepts, terminology, approaches
 - Develop common language so that TWG can discuss economic info needs and potential future projects
 - Consider Potential applications in AMP
- NOT a workshop to revisit AMP information needs
- NOT a forum to debate what types of analytical methods should be used when or where
- SEAHG has provided recommendations for a more detailed course - beyond the original 101 concept
- GCMRC suggests staying with basic training concept
- More detailed training can be provided in conjunction with modeling workshop, if desired and warranted

Proposed Outline for SE 101 Training

- **Intro to basic economic concepts and terminology**
 - Differences betw economic & financial analyses
 - Economics vs. socioeconomics
 - Market vs. non- market analyses
- **Intro to Market and Non-Market Evaluation Methods**
 - What are the needs/apps for these diff methods?
 - Basic differences in assumptions, data, methods, uses
- **Market Analyses**
 - Common tems, methods, data needed
 - How to define scope and interpret results
- **Non-Market Analyses**
 - Non- market vs. non-use – what are the differences?
 - Common terms, methods, data needed
 - How to define scope and interpret results

The field of science policy is...to a great extent a branch of economics, and its effective practice requires the kind of quantitative tools economic policy makers have available...

Much of the available literature on science policy is being produced piecemeal by scientists who are experts in their fields, but not necessarily in the methods and literature of the relevant social science disciplines...

It is a chronic affliction of social science that it is undervalued by those who could benefit most from its methodologies and its insights. I think the science of science policy is undervalued and underfunded despite its potential for providing a basis for understanding the enormously complex dynamic of today's global, technology-based society.

John Marburger, Director

Office of Science and Technology Policy

Oct. 31, 2005, Washington, DC.

