

MIDPOINT ASSESSMENT PRIORITY WORK PLAN:

MODEL DATA PROCESSING

LEAD: AGRICULTURE WORKGROUP

Full Title of Priority:

Model Data Processing

Low Priority: 4 votes

Short Description of Priority:

The evaluation of existing model data processing and the identification and prioritization of improved processing methods to support enhanced analyses and decisions.

Supporting Partners:

Modeling Workgroup, STAR, WQGIT

Necessary Datasets, Analyses, or Decisions:

Evaluate, identify, and prioritize development of new model data processing methods to enable and support enhanced analyses and decisions.

Start Date:

AgWG has recommended the organization in early 2013 of a MPA model workshop to allow the partnership to identify and prioritize opportunities for improved model data processing to support enhanced analyses and decisions. An ad hoc planning group is currently being formed to organize and support the workshop.

Interim Deliverables, Including Lead and Deadlines:

The AgWG will cooperate with the CBPO modeling team and supporting partner groups to organize and complete a MPA modeling workshop in early 2013 to allow the partnership to identify and prioritize opportunities for improved model data processing to enable and support enhanced analyses and decisions.

Completion Date:

The identification and prioritization of improved model data processing can be completed after the MPA modeling workshop is held and a partnership recommendation is determined in early 2013. The development of prioritized model data processing methods will be associated the implementation of existing and new datasets which may require additional time leading up to the calibration of Phase 6 modeling suite in 2016.

Level of Effort for Lead and Supporting Partners, Including (as relevant) CBPO Modeling Team:

A high level of effort would be applied to phosphorus transport and accumulation, nutrient processes in enhanced modeling suite functionality and assumptions, model segments matching County size, verification of automatic load calibration for sport-basin Counties, and hydrology calibration alternatives. A medium level of effort will be applied to Federal Facilities segmentation. Effort will continue on addressing concerns regarding manure losses, and distribution and fertilizer algorithms, particularly regarding replacement of manure with commercial fertilizer.

Potential Conflicts with Other Priorities:

The AgWG, associated workgroups and the partnership are currently developing verification protocols and implementation plans that are expected to be completed and approved in 2013. Workgroups are also evaluating existing and new BMPs which are expected to be in operation into the foreseeable future.

Issues Requiring Input from Full WQGIT:

Appropriate balancing of the time and consideration of the partnership towards multiple concurrent priorities such as other MPA priorities, BMP verification and evaluations.

Other Notes:

This work plan is considered an initial planning document that will be adapted to reflect future partnership identified needs and decisions.