

GCMRC STRATEGIC SCIENCE PLAN FOR SUPPORT OF GCD AMP: DEVELOPED IN COOPERATION WITH GCD AMP

- I. THE GCD AMP STRATEGY FOR SCIENCE
PLANNING
 - A. THE AMWG, GCMRC AND TWG
COMPREHENSIVE, RESPONSIVE APPROACH
 - B. THE NEW SCIENCE PLANNING APPROACH
 - 1. ALL GROUPS, AM PROCESS, ECOSYSTEM
SCIENCE, 3-5 YEAR REVIEWS
- II. GCMRC MISSION AND GOALS
 - A. GCMRC TO PROVIDE QUALITY SCIENCE FOR
GCD AMP NEEDS

STRATEGIC SCIENCE PLAN CONTINUED

- III. CONTEXT FOR IMPLEMENTING THE GCMRC VISION
 - A. REQUIREMENTS; IMPROVE GCNP, GCNRA VALUES
 - B. IMPLEMENTING AM;
 - 1. SCIENCE KNOWLEDGE TO GUIDE NEW OPERATIONS
 - 2. MOVE RESOURCES TO DFC
 - C. IMPLEMENT APPLIED SCIENCE PROGRAMS
 - D. THE CONTINUED MILESTONES OF LEARNING

STRATEGIC SCIENCE PLAN CONTINUED

- IV. IMPLEMENTING GCD AMP SCIENCE UTILIZING ECOSYSTEM SCIENCE PARADIGM
 - A. CRITICAL STRATEGIES; ECOSYSTEM MODEL, SYSTEM PROJECT DESIGNS AND DATA ASSESSMENTS
 - B. USING IN_s, KNOWLEDGE ASSESSMENT TO DEFINE KNOWLEDGE GAPS
- V. FORMULATING SCIENCE QUESTIONS
 - A. DEVELOPING SCIENCE QUESTIONS FOR IN_s
 - B. DEFINING RESEARCH AND MONITORING PROJECTS

STRATEGIC SCIENCE PLAN CONTINUED

VI. RESEARCH AND MONITORING PROGRAMS

A. POWER GENERATION

1. ISSUE
2. AMWG GOAL
3. ECOSYSTEM LINKAGES
4. SCIENCE QUESTIONS
5. SCIENCE PROGRAM:
RESEARCH/MONITORING

B. DOWNSTREAM WATER TEMPERATUES

C. ETC.

STRATEGIC SCIENCE PLAN CONTINUED

- VII. A GOAL TO INTEGRATE ALL GCD AMP SCIENCE
 - A. ISSUES
 - 1. MULTI AGENCY PROJECTS
 - B. RESOLVE
 - 1. IDENTIFY AND EVALUATE ALL PROJECT LINKAGE
- VIII. IDENTIFY AND DEVELOP RESOURCE NEEDS
 - A. DEFINE 2/5 YEAR PROGRAMS, BUDGET NEEDS
 - B. SPECIFY COLLABORATIVE PROGRAMS
 - 1. KNOWLEDGE ASSESSMENTS/PARTNERSHIPS
 - C. GCMRC ORGANIZATIONAL STRATEGY

GCMRC MONITORING AND RESEARCH PLAN TO SUPPORT GCD AMP: 2007-2011 DEVELOPED IN COOPERATION WITH GCD AMP

- I. GCD AMP STRATEGY FOR SCIENCE PLANNING
 - A. AMWG, TWG, GCMRC COMPREHENSIVE APPROACH
 - B. NEW SCIENCE PLANNING
 - 1. INVOLVE ALL GROUPS
 - 2. USE AM PROCESS
 - 3. ECOSYSTEM SCIENCE
 - 4. KNOWLEDGE ASSESSMENTS AND MANAGEMENT ACTION
- II. THE PURPOSE AND DIRECTION OF GCMRC SCIENCE
 - A. OBJECTIVE SCIENCE
 - B. APPLIED SCIENCE FOR GOALS AND INs
 - C. CONTINUED LEARNING
 - D. ECOSYSTEM SCIENCE
 - E. KNOWLEDGE ASSESSMENTS AND STRUCTURED INQUIRY

MONITORING AND RESEARCH PLAN CONTINUED

- III. DESIGNING SCIENCE PROGRAM TO RESOLVE MANAGEMENT ISSUES AND ECOSYSTEM SCIENCE QUESTIONS
 - A. SCIENCE QUESTIONS TO GUIDE IN ASSESSMENTS
 - B. KNOWLEDGE ASSESSMENTS TO RESOLVE UNCERTAINTY
 - C. DEVELOPING APPROPRIATE EXPERIMENTAL DESIGNS AND EXPERIMENTAL OPTIONS
 - D. PROPOSED EXPERIMENTAL PROGRAM FY 2007-2011
 - E. SCIENCE TO ADDRESS KNOWLEDGE GAPS, DEVELOP AND IMPLEMENT MONITORING APPROACHES

MONITORING AND RESEARCH PLAN CONTINUED

- IV. LINKING MONITORING AND RESEARCH PROJECTS TO MANAGEMENT GOALS AND INFORMATION NEEDS
 - A. PROVIDING POWER GENERATION
 - 1. ISSUE
 - 2. AMWG GOAL
 - 3. ECOSYSTEM LINKAGES
 - 4. SCIENCE QUESTIONS
 - 5. SCIENCE PROGRAM;
RESEARCH/MONITORING PROJECTS
 - B. DOWNSTREAM WATER TEMPERATURE
 - C. ETC.

MONITORING AND RESEARCH PLAN CONTINUED

V. A GOAL TO INTEGRATE ALL GCD AMP
SCIENCE PROGRAMS

A. ISSUE

B. RESOLUTION

VI. IDENTIFICATION AND DEVELOPMENT OF
RESOURCE NEEDS

A. 2/5 YEAR PROGRAMS AND BUDGETS

B. DEFINING COLLABORATIVE
PARTNERSHIPS

SPG MEETINGS 2006

JANUARY 9,10

APPROVE EXPERIMENTAL OPTIONS.
WORKSHOP ON METRICS FOR
CMINS/RESEARCH. APPROVE MRP
SENTENCE OUTLINE.

January 25, 26

SPG/TWG. REVIEW OF PLANS BY TWG/SPG.
WORKSHOP ON METRICS

FEBRUARY 22, 23

SA REVIEW (21); DISCUSSIONS OF PLANS BY
SAs/SPG. WORKSHOPS ON METRICS.

MARCH 7, 8

PROGRESS REPORT TO AMWG

APRIL 19, 20

SPG/TWG. SPG APPROVAL OF SSP, MRP,
AWP DRAFT DOCUMENTS.

MAY 1-20

FINAL OUTSIDE SCIENCE REVIEW OF PLANS

MAY 24, 25

FINAL REVIEWS OF SSP, MRP, AWP BY TWG

JUNE 15

RELEASE OF PLANS FROM TWG TO AMWG