



The National Park Service

Inventory & Monitoring

NORTHERN GREAT PLAINS NETWORK

February 12, 2003

- **Biological Inventories**
- **IMAC**
- **Network Funding**
- **Annual Admin. Report & Work Plan**
- **The 3 Phases of Monitoring**
- **Phase I (Network Charter & BOD)**
- **I&M Peer Review Guidelines**

BIOLOGICAL INVENTORIES

Document through existing, verifiable data and targeted field investigations the occurrence of at least 90% of species of *vertebrates and vascular plants* occurring in each park.

Determine distribution and abundance for those species of high importance to each park.

- **Final Report Preparation**
- **Databases (e.g. NPSpecies, NatureBib)**
- **NPSpecies**
 - **POC**
 - **Certification**

INVENTORY & MONITORING ADVISORY COMMITTEE (IMAC)

- **Initial Meeting November 13-15, 2002**
- **Network alpha codes (NGPN)**
- **Funding Strategies for all the Networks**
- **Monitoring plan time frames**

FUNDING THE NETWORKS

Earlier WASO Proposal for FY 2003:

- 5 Year-1 Networks are fully funded
 - 7 Year-2 Networks are fully funded
 - 5 Year-3 Networks are fully funded minus \$150,000
 - 7 Year-4 Networks receive \$150,000 start up funds
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IMAC Recommendations for FY 2003:

- 5 Year-1 Networks are fully funded
- 7 Year-2 Networks are fully funded
- 5 Year-3 Networks are fully funded minus ~\$300,000
- 15 Year-4 Networks receive \$150,000 start up funds

NORTHERN GREAT PLAINS NETWORK FUNDING

<u>NGPN</u>	<u>funding: FY2003</u>	<u>FY2004</u>	<u>FY2005</u>
Biol. Inv.:	\$190,100	\$210,600	
Monitoring:	\$150,000	\$774,200	\$774,200

New organization codes: 2107-NII

Doing business without a budget: the CR dilemma

Admin. Report & Work Plan

FY 2002 Annual Admin. Report & Draft Work Plan

- Approved by:
- Network BOD
- Regional I&M Coordinator
- MWRO ARD NRSS

Submitted together to WASO
Nov 8, 2002

Annual Administrative Reports

Approved by I&M Program &
Water Resources Program

Annual Work Plan

Reviewed by Reg. I&M Coord.
Treated as draft work plan.

Final FY 2003 Work Plan

- Approved by:
- Network BOD
- Regional I&M Coordinator
- MWRO ARD NRSS

Submitted to WASO
Jan. 31, 2003

Key Features of New Park/Network Monitoring Program

- Integrated monitoring program: physical and biological resources including weather, air, water, geoindicators, T&E species, exotic plants, other flora & fauna;
- Integrate NR information with park operations including interpretation, maintenance
- Emphasis on making information more useable; tools such as NPS Theme Manager, I&M Database template, interconnected web and distributed databases

Initial Steps in Designing a Monitoring Program

- Clear statements of Monitoring Goals and Objectives
- Compile/summarize available data and understanding of park ecosystem
- Develop conceptual models
- Select indicators for monitoring and determine the appropriate sampling design and protocols

Three Phases for Development of Network Monitoring Plans

Phase 1 (By October 2004)

Form Network Board of Directors & Develop Charter

I. INTRODUCTION AND BACKGROUND

- Summarize program legislation & goals
- Assess current monitoring
- Sum existing information—synthesis of park resources

II. CONCEPTUAL MODELS

- **DRAFT PEER-REVIEWED CONCEPT PLAN**

The material developed during these steps forms the basis for Chapters I and II of the monitoring plan.

Three Phases for Development of Network Monitoring Plans

Phase 2 (By October 2005)

- III. VITAL SIGNS
 - Scoping workshops to identify and do an initial prioritization of potential vital signs for natural resource monitoring.
 - Prepare Phase 2 Report including the material from Chapters I and II from Phase I, as well as the identification and justification of vital signs.

After peer review and approval by the regional I&M coordinator, this report will satisfy the requirements for meeting Performance Management Goal 1b3 “Vital Signs” for all parks in the network.

Three Phases for Development of Network Monitoring Plans

Phase 3 (By December 15, 2006)

Draft the full monitoring plan including all of the chapters and appendices listed in the outline for the monitoring plan.

- **IV. SAMPLING DESIGN**
- **V. SAMPLING PROTOCOLS**
- **VI. DATA MANAGEMENT**
- **VII. DATA ANALYSIS AND REPORTING**
- **VIII. ADMINISTRATION/IMPLEMENTATION OF THE MONITORING PROGRAM**

Three Phases for Development of Network Monitoring Plans

Network Funding Sequence, Target Funding, and Due Dates for Phase 1-3

1st Year Funded	Phase 1 Due Date	Phase 2 Due Date	Phase 3 Draft to WASO	Phase 3 Final Plan
FY01	1-Oct-02	1-Oct-03	15-Dec-04	1-Oct-05
FY02	1-Oct-02	1-Oct-03	15-Dec-04	1-Oct-05
FY03	1-Oct-03	1-Oct-04	15-Dec-05	1-Oct-06
FY04	1-Oct-04	1-Oct-05	15-Dec-06	1-Oct-07
FY05	1-Oct-05	1-Oct-06	15-Dec-07	1-Oct-08

Heartland Network (HTLN)

Great Lakes Network GLKN

Northern Great Plains Network (NGPN)

I&M PEER REVIEW GUIDELINES

Will be implemented for all FY 2003 I&M funded projects in the Midwest Region.

The guidelines apply to all projects, progress and final reports, cooperative agreements, and scopes of work funded by the I&M program.

The signed peer review form will accompany the paperwork for projects or payment approval based on reports that are forwarded to contracting officers.