

Integrating Monitoring Results and NPS Management

Inventory and Monitoring Networks Intermountain Region

December 6-8, 2005

Rio Rico, AZ



IMR Inventory and Monitoring Networks

Networks and Full-Funding Dates			
	Network	# of	1st Year
<u>Network Name</u>	<u>Code</u>	<u>Parks</u>	<u>Funded</u>
Sonoran Desert Network	SODN	11	FY01
Northern Colorado Plateau	NCPN	16	FY02
Greater Yellowstone	GRYN	3	FY02
Southern Colorado Plateau	SCPN	19	FY03
Rocky Mountain	ROMN	6	FY04
Southern Plains	SOPN	11	FY06
Chihuahuan Desert	CHDN	6	FY07
		72	

2005

Greater Yellowstone
Northern Colorado Plateau
Sonoran Desert

2006

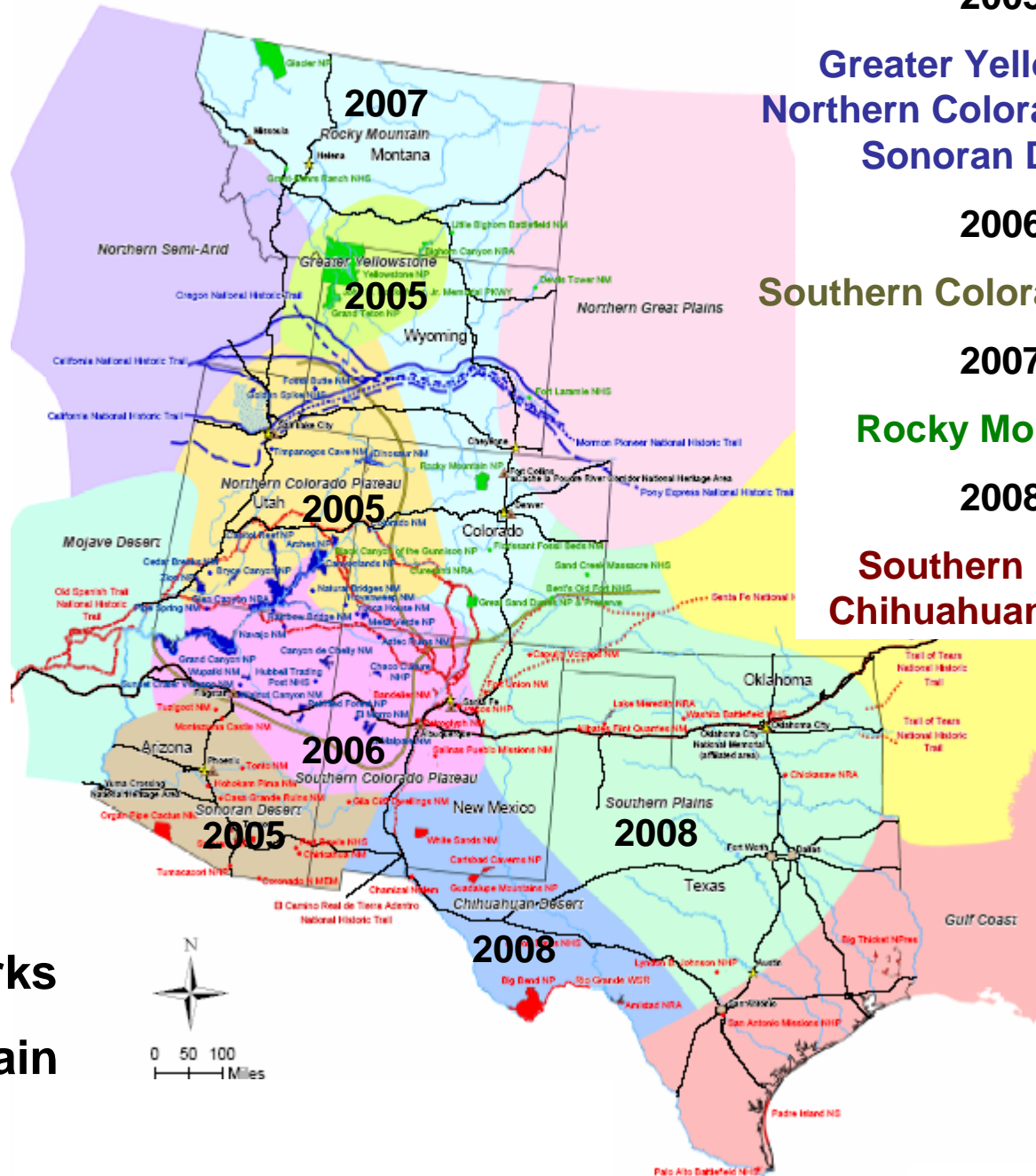
Southern Colorado Plateau

2007

Rocky Mountain

2008

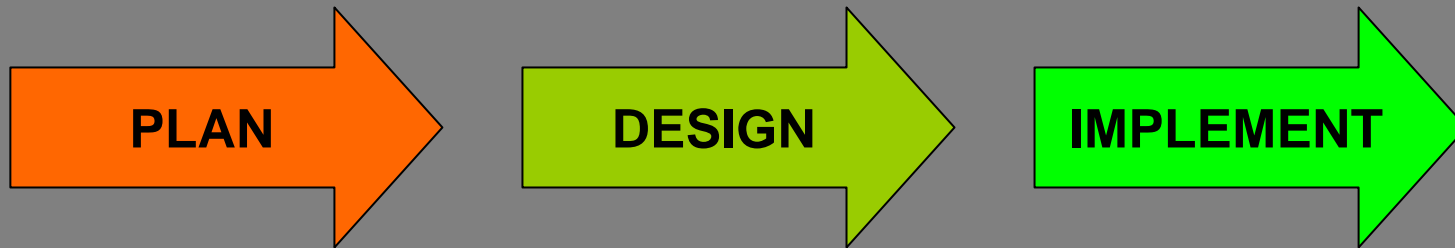
Southern Plains
Chihuahuan Desert



I&M Networks
Intermountain
Region

Inventory and Monitoring Networks

Regional Workshops 2005-2006



Collaboration – Sharing resources and solving problems together

Relevance – Delivering data, information and knowledge

Efficiency – Minimizing redundancy and sharing technology

Inventory and Monitoring Networks Regional Workshops 2005-2006

- **Sample Design**
 - Challenges in IMR – May 2005, Denver, CO
- **Integrating Monitoring & Management**
 - Vision and strategy – Dec. 2005, Rio Rico, AZ
- **Integrating Monitoring & Management**
 - Implementation – Spring 2006, TBD
- **Enterprise Information Management**
 - Vision and strategy – Summer 2006, TBD

Integrating Monitoring Results and NPS Management

**Assimilation of vital signs monitoring
into park management**

**Task group to draft
vision and strategy**

**Second workshop to
focus on implementation**



“..most monitoring programs are analogous to monitoring the water level in the holds of the RMS *Titanic* after it was struck by an iceberg.

The database may be complete, the precision high, the staff highly professional,

BUT...the ship still sinks!”

“A formalized process of evaluating and responding to new information is needed that makes routine the interactions of monitoring staff and decision makers;

to our knowledge this process does not exist.” (Mulder and Palmer 1999)

- + Unit specific purpose
- + Vital signs and conceptual models
- + NPS mandate & management history
- + Network concept

What is “Adaptive Management”?

(Stankey et al. 2003)

1. Generating new understanding, based on systematic assessment of feedback from management actions;
2. Incorporating that knowledge into subsequent actions; and
3. Creating venues in which understanding can be communicated.

JARGON