



MONITORING METHODS PROJECT

**Leadership Team Meeting
August 23, 2010**

PNAMP and State of the Salmon

BACKGROUND

- National Park Service and U.S. Forest Service – fire monitoring program
- U.S. Bureau of Reclamation interested in RM&E monitoring program
 - Protocol Manager
 - Desktop application
- PNAMP
 - Web application prototype – Protocol Library
 - Need for additional features – redevelopment
- State of the Salmon (SoS)
 - Salmonid Field Protocols Handbook - 2007



IDENTIFICATION OF COMMON NEEDS

- Need for better documentation of methods to minimize uncertainty and facilitate collaboration and data exchange between monitoring programs.
- Need for a place to store, update, and review methods, metrics and indicators, and study designs.
- Need for a community forum where practitioners can discuss and vet methods, metrics and indicators, and study designs.



VISION STATEMENT

Create a 'community of practice' where aquatic resource scientists and managers can identify and make use of best practices in the monitoring and evaluation of fish populations and aquatic habitat.



GOALS

- Help partners meet business needs
- Provide insight and experience on techniques
- Develop tools to support documentation, information discovery, community discussions, and metadata creation and data exchange
- Promote coordination and collaboration among monitoring programs



DELIVERABLES

- Develop web application and database infrastructure to collect, update, and discuss monitoring methods, metrics and indicators, and study designs
- Facilitate documentation, discussions, collaboration, information discovery
- Increase interoperability between data systems in the region



QUESTIONS FOR GROUP:

- What problems could this project address?
- What will you be able to do, do better, or not have to do as a result of this project?
- What are the major assumptions justifying or guiding this project at this time?
- What is the project not going to accomplish or what will not be part of this project at this time?
- Who is this project depending on?
- Who is depending on this project to succeed?

**Refer to hard copy of vision document for more information.



ROLES & RESPONSIBILITIES

- Coordinators: PNAMP & SoS
- Development Lead: Sitka Technology Group
- Leadership Team (LT): variety of participants to guide project
- User Testing Group: includes LT and other practitioners interested in structured opportunities to provide input



PROJECT SPONSORS



Pacific Northwest
Aquatic Monitoring
Partnership

PNAMP Partners

STATE OF THE SALMON

KNOWLEDGE ACROSS BORDERS • ЗНАНИЕ СКВОЗЬ ГРАНИЦЫ • 国境を超えた知識

A JOINT PROGRAM OF
THE WILD SALMON CENTER AND ECOTRUST



Funders



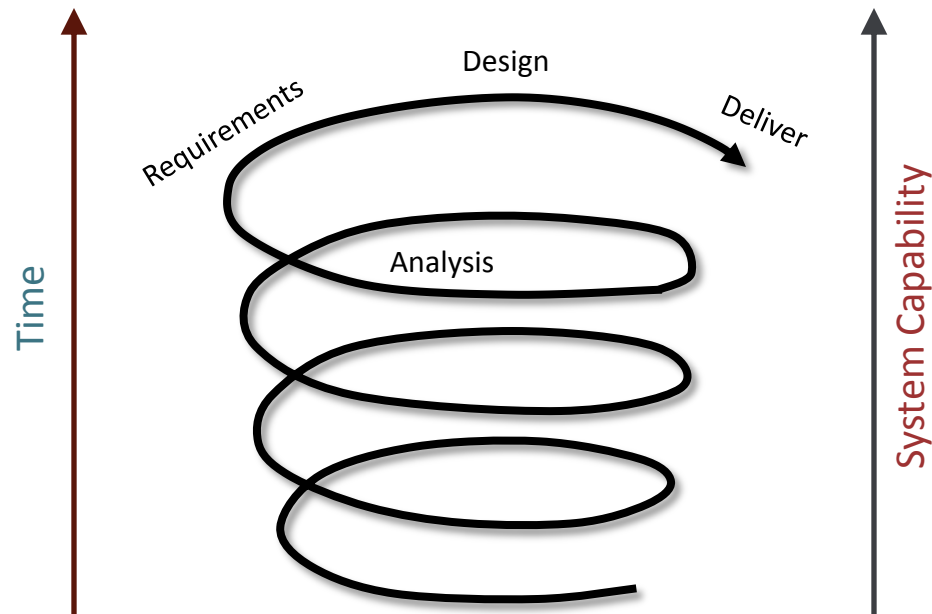
PROPOSED PROJECT TIMELINE

	Deliverable	When
Foundation	Development, test, production environments & hosting	DONE
	Basic editing of primary content (Methods, Protocols, Metrics)	DONE
	Extended user login and roles (security model)	Sep 2010
	Full management of primary content (incl. Study Design info)	Oct 2010
Advanced	Associate Methods to Metrics	Oct 2010
	Publish & document bi-directional web services	Nov 2010
	Review & versioning of Methods	Dec 2010
Community tools	First set of collaboration features (e.g. tags, comments, ?)	Jan 2011
	Second set of collaboration features (e.g. threads, ?)	Feb 2011
	Public launch of Community Forum	Mar 2011



PROJECT APPROACH

- Iterative & collaborative
- Requirements evolve with real-world use
- Updates to software every 2 weeks
- Continuous feedback loop



EARLY ANALYSIS

- Broadsheet walk thru (see handout)
 - Development process
 - User profiles and tasks
 - Data model
 - Workflow modeling
- Card sorting activity
 - User tasks



NEXT STEPS

- Sitka will continue development - use input from today
- Engagement from Leadership Team:
 - Email for input on as needed basis for specific questions
 - Regular email updates about new features
 - If more input is needed, we will call LT members
 - Group Poll – Time Constraints
 - How much time can you allocate to this effort (e.g. how many hours per month)?
 - Do you prefer to meet in person again or are group emails and one-on-one calls sufficient?



THANK YOU!

If you have any questions or comments, please feel free to contact us.

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