CHaMP Pilot Project
2012 Completion Report

Mike Ward
CHaMP Coordinator

November 27, 2012

BPA Project 2011-006-00

Acknowledgments

Sponsors: Bonneville Power Administration
NOAA Fisheries

Collaborators:
Columbia River Inter-Tribal Fish Commission
Oregon Department of Fish and Wildlife
Landowners across 9 watersheds

Special Thanks:
Northwest Power & Conservation Council
Independent Scientific Review Panel

Sponsored By
Bonneville Power Administration

Highlights

2012 Program Recap

Status and Trend Highlights

Data Analysis Highlights

2013 Planning

2012 Recap:
2011 Lessons Learned Follow-Up

CHaMP Provides Building Blocks for Management

Coordinated Engagement With Managers

Improve Data Performance and Flow

2012 Recap:
Building Blocks for Management

	CHaMP Sites	ISEMP Sites	Total Sites Surveyed With CHaMP Protocol and Tools
Methow	19	0	19
Entiat	18	42	60
Wenatchee	22	0	22
Tucannon	25	4	29
South Fork Salmon	25	0	25
Lemhi	25	26	51
John Day	50	50	100
Upper Grande Ronde	55	0	55
CHaMP/PIBO	12	0	12
BPA-Funded Total Sites	251	122	373

* Total BPA-funded visits = 426

** Non-BPA-funded sites = 53: 18 sites in the Asotin were funded/surveyed by Washington SRSRB, 29 sites were surveyed in California by CDFG-CMP, 3 sites surveyed for USBR in Methow, 3 sites in Meacham Creek, Oregon.

2012 Recap: Coordination With Managers

Data Analysis Strategy Development: September 2012

-- Continue to Develop Status and Trend Data Displays

-- Improve Fish/Habitat Modeling with Regional Collaborators as Basis for Interpretation of Habitat Data

-- Prepare for: Comprehensive evaluation; 2013 BiOp check-in; 2013 BiOp remand; Council MERS plan; 2015 Expert Panel process; 2018 BiOp

2012 Recap:
Improve Data Performance and Flow

"Improved" Approach to Challenging Metrics

-- Better Protocol and Training Improved Efficiency

-- Improved Standardization

-- Increased Cost of Each Survey

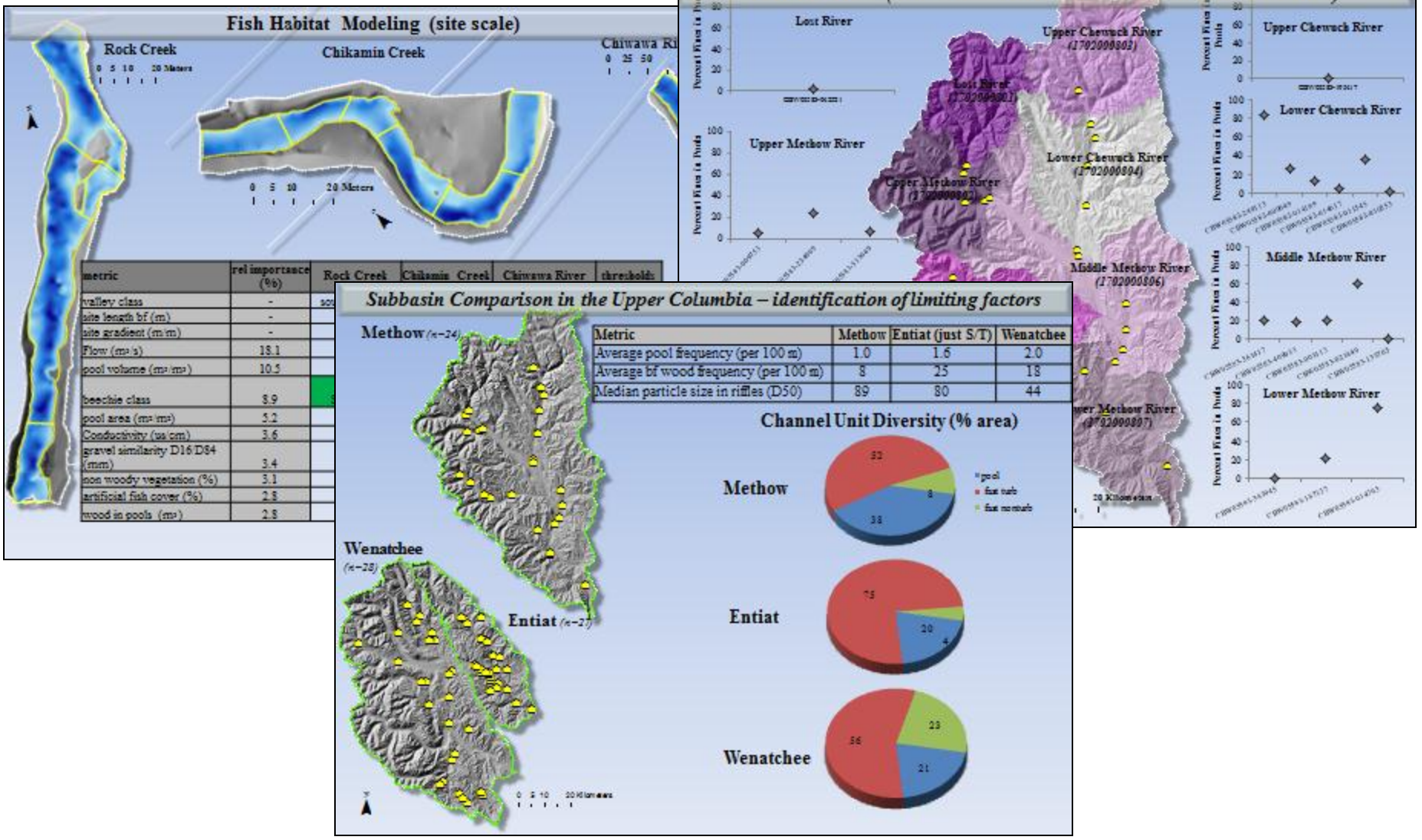
Improved Tools and Software

-- Streamlined the data flow process

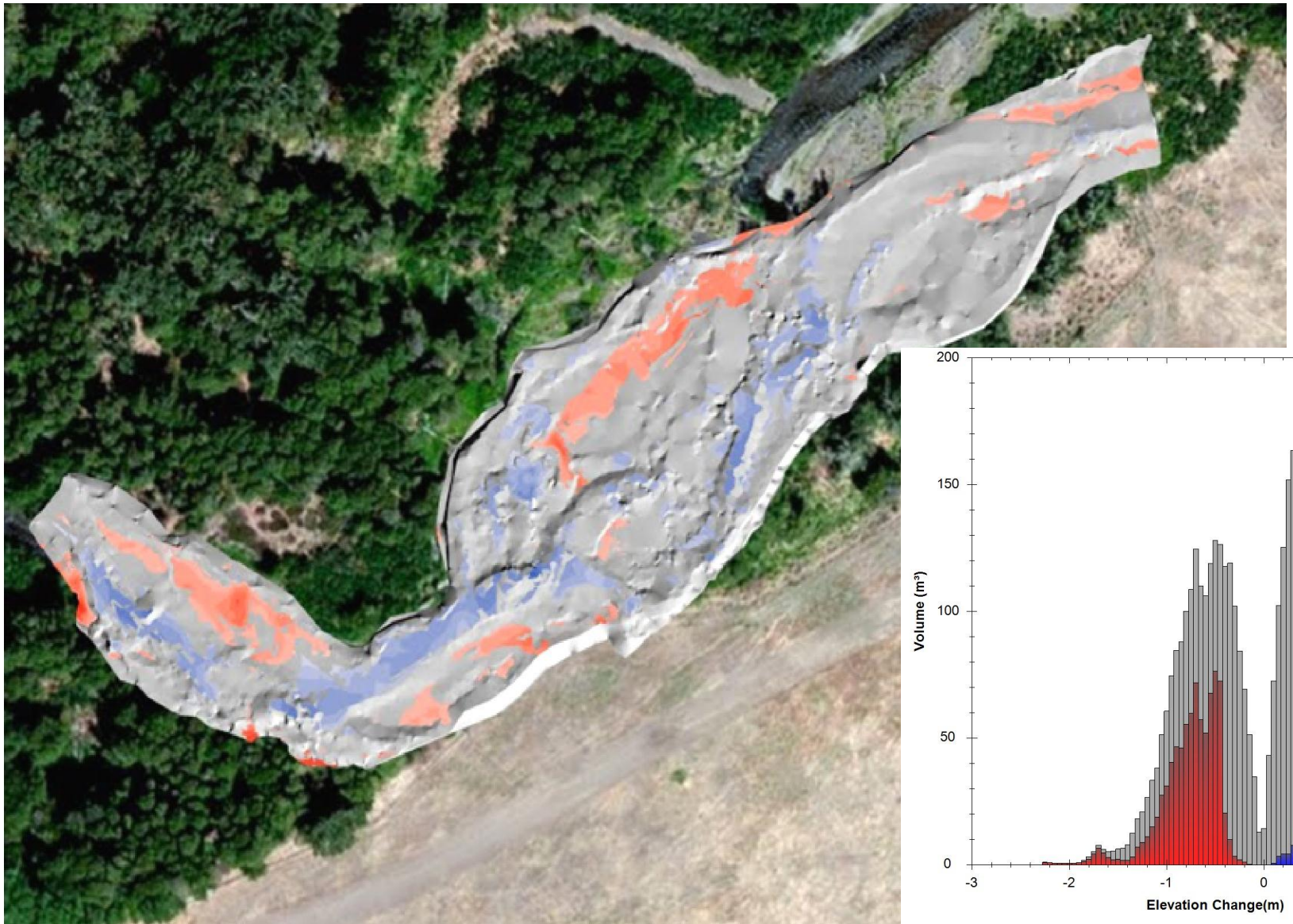
-- Improved standardization

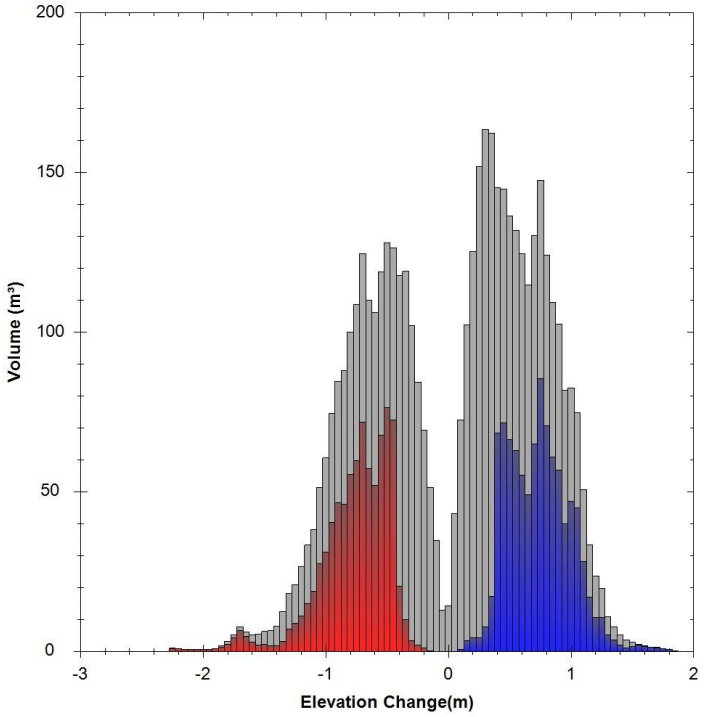
-- Reduced overall effort; shifted work to crews

Status and Trend Highlights

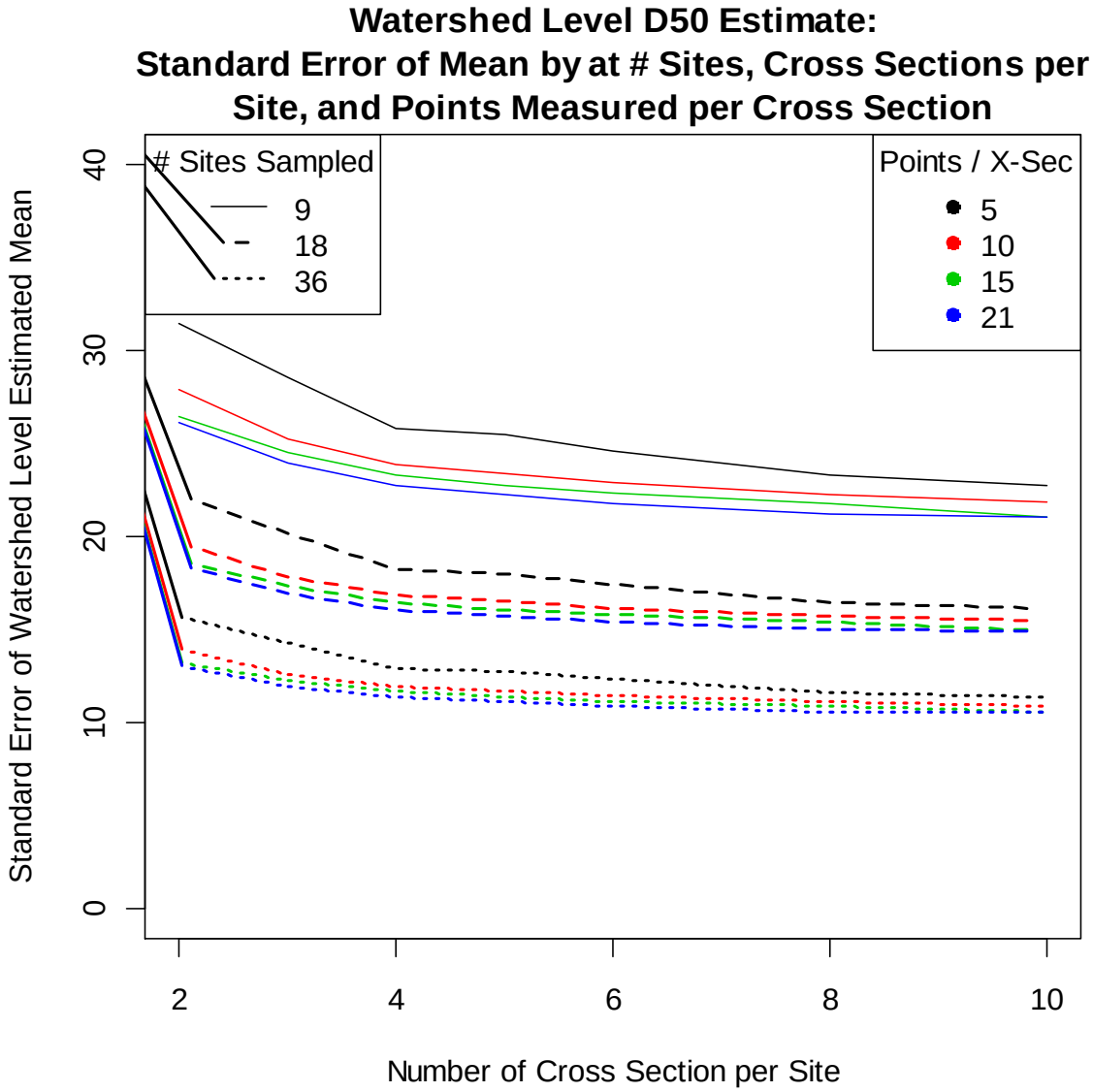
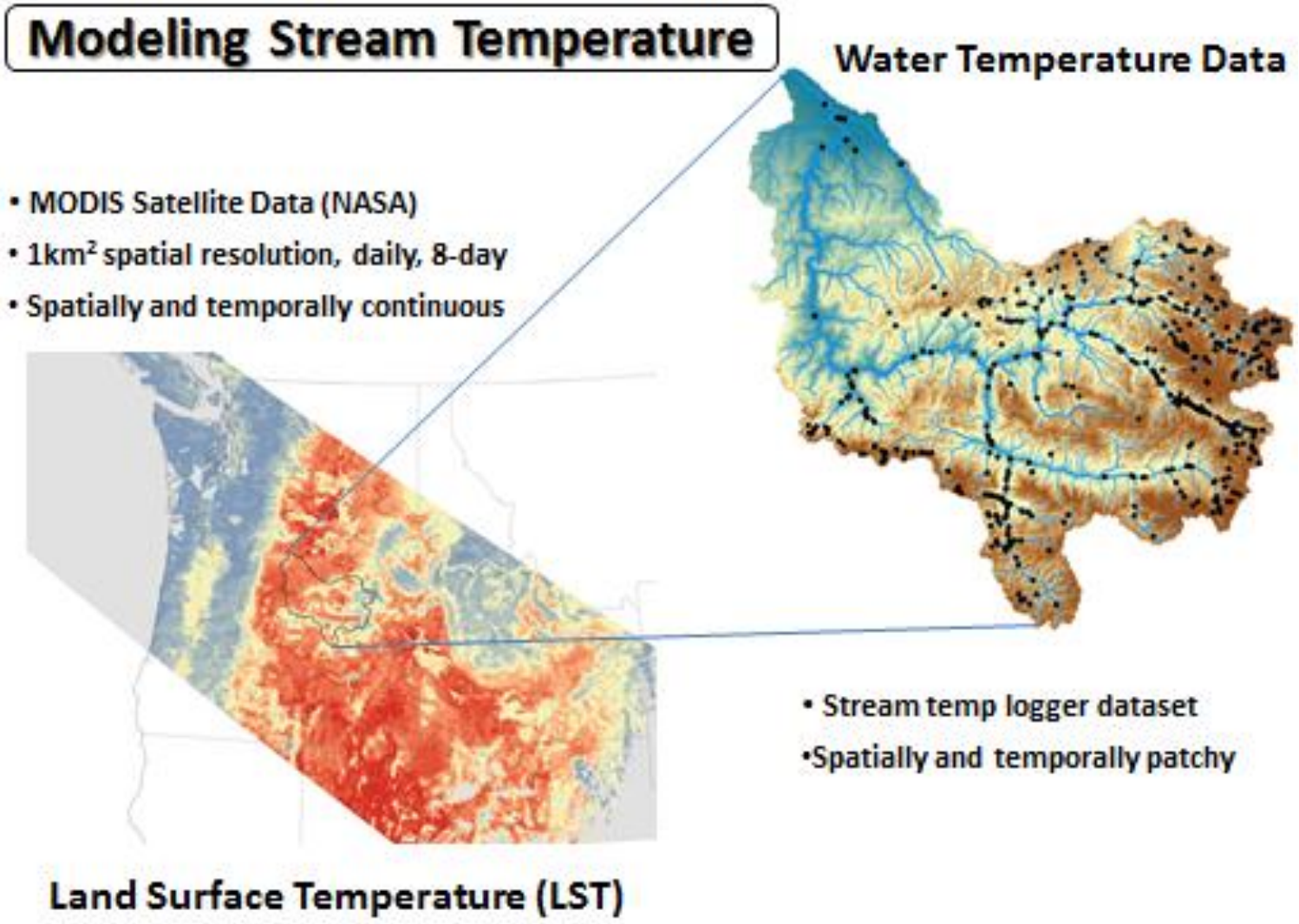


Status and Trend Highlights: Geomorphic Change Detection





Data Analysis Highlights: Optimizing Effort and Data Form



Data Analysis Highlights: Reducing Effort with Remote Sensing