California Water Plan Update 2013

California Water Sustainability Indicators

Overview

Why Are We Doing This?

A Recurring Question:

"How can we ascertain that the resource management strategies and objectives of the CA Water Plan are providing sustainable water uses and reliable supplies for the State and its various hydrologic regions?"

Water Plan Update 2013
CA Water Sustainability Indicators Framework
Objective

Help monitor progress to meeting water sustainability objectives through the development and application of an analysis framework. The framework also includes the development and evaluation of water footprint.

The framework is being developed in collaboration with experts from UC Davis and U.S. EPA Region 9, and a wide array of stakeholders.

Water Plan Update 2013
CA Water Sustainability Indicators - Work Plan

- Develop Analytical Framework
  - Develop water sustainability objectives.
  - Identify indicators and targets or desired future conditions.
  - Describe analytical and interpretation methods.

- Conduct Quantitative Analysis
  - Conduct detailed Pilot for a relatively small area.
  - Conduct high level Pilot for the hydrologic regions, rolled up to the entire State.

- Perform Gap Analysis
  - Identify issues.
  - Identify data gaps.

Water Plan Update 2013
CA Water Sustainability Indicators
Project Schedule

Phase 1 (Analytical Framework)

- Workshop 1: Draft Framework review — August 24/2011
- CA Water Sustainability Indicators Framework — On-going

Phase 2 (Quantitative Analysis & Gap Analysis)

- Scoping for quantitative analysis — Fall/2011
- Additional Workshops — 2012
- Draft documentation and deliverables — Spring/2013
- Final documentation and deliverables — Fall/2013

Water Plan Update 2013
CA Water Sustainability Indicators

Near Term Outreach Efforts:

1. Revise Framework and circulate: January/2012
2. Regional coordination - regional forums: Jan-Mar/2012
3. Pilot area candidates review/selection: Jan-Feb, 2012
4. Technical review at SWAN workshop: April/2012

Water Plan Update 2013
CA Water Sustainability Indicators

Contact Information

Project Lead:

Abdul Khan: akhan@water.ca.gov

Rich Juricich: juricich@water.ca.gov

Technical Lead:

Fraser Shilling: fmshilling@ucdavis.edu