



CALIFORNIA WATER FRAMEWORK

The California Water Framework provides the technology, science and data to achieve groundwater sustainability.



Surface Water
Depletion



Water Rights



Water Budgets



Ecosystems



Sustainability



The Need

Achieving sustainable groundwater management in California is challenged by a lack of accessible, actionable information. The Sustainable Groundwater Management Act (SGMA) highlights the imminent need for technology, science and data to help pave the way towards water sustainability. The **California Water Framework's** innovative end to end solution: data acquisition to web-based decision support is specifically designed to break this paradigm.

SGMA Groundwater Sustainability Plans (GSPs) are a critical step to achieving long term sustainability, and the **California Water Framework** is here to help execute these plans.

Core Offerings



Surface Water Depletion from Groundwater Pumping

We unlock the mystery of how groundwater is connected to surface water

- Project impacts of groundwater pumping on streamflow depletion. Add new well(s) and find out which streams they will impact now or in the future; or for a given stream, find out which well(s) are currently impacting stream flow, all in real time!
- Utilize robust analytical depletion models to analyze groundwater pumping scenarios so management decisions can truly support long term environmental sustainability.

Understand the sustainability impacts groundwater extractions have on surrounding streams, ecosystems, and existing surface water rights holders



Water Rights

- Detailed analysis of water rights, allocations, and licensing is provided in reports to support water supply and demand decisions now and into the future.

Understand when, where, and how much water is being used, and how much is left for future use



Water Budgets

- Generate on-demand reports, distilling vast amounts of environmental data (including climate change impacts) into insightful and interactive reports, charts, and graphs.

Provides a complete picture of the watershed environment



Ecosystems Impact Analysis

- Provide insight into the sustainability impacts on associated ecosystems of water withdrawals from any location.

Evaluate long term ecosystem sustainability



Groundwater Sustainability

- Simple management metrics to quantify the sustainability of an aquifer

Are aquifers sustainable into the future?

Get groundwater sustainability information on-demand with the California Water Framework

Why California Water Framework?

Real Time Results and Analysis

On-demand, insightful information at any location, when you need it.

Save Time and Money

Groundwater studies are complex, time consuming, and expensive. Let the **California Water Framework** do the complex work and analysis—at a fraction of the cost.

Simplify, Demystify, and Break the Accessibility Barrier

Clear presentation of science and data allows decision-makers and stakeholders at all levels to access the information they need.

Proven, Consistent Science

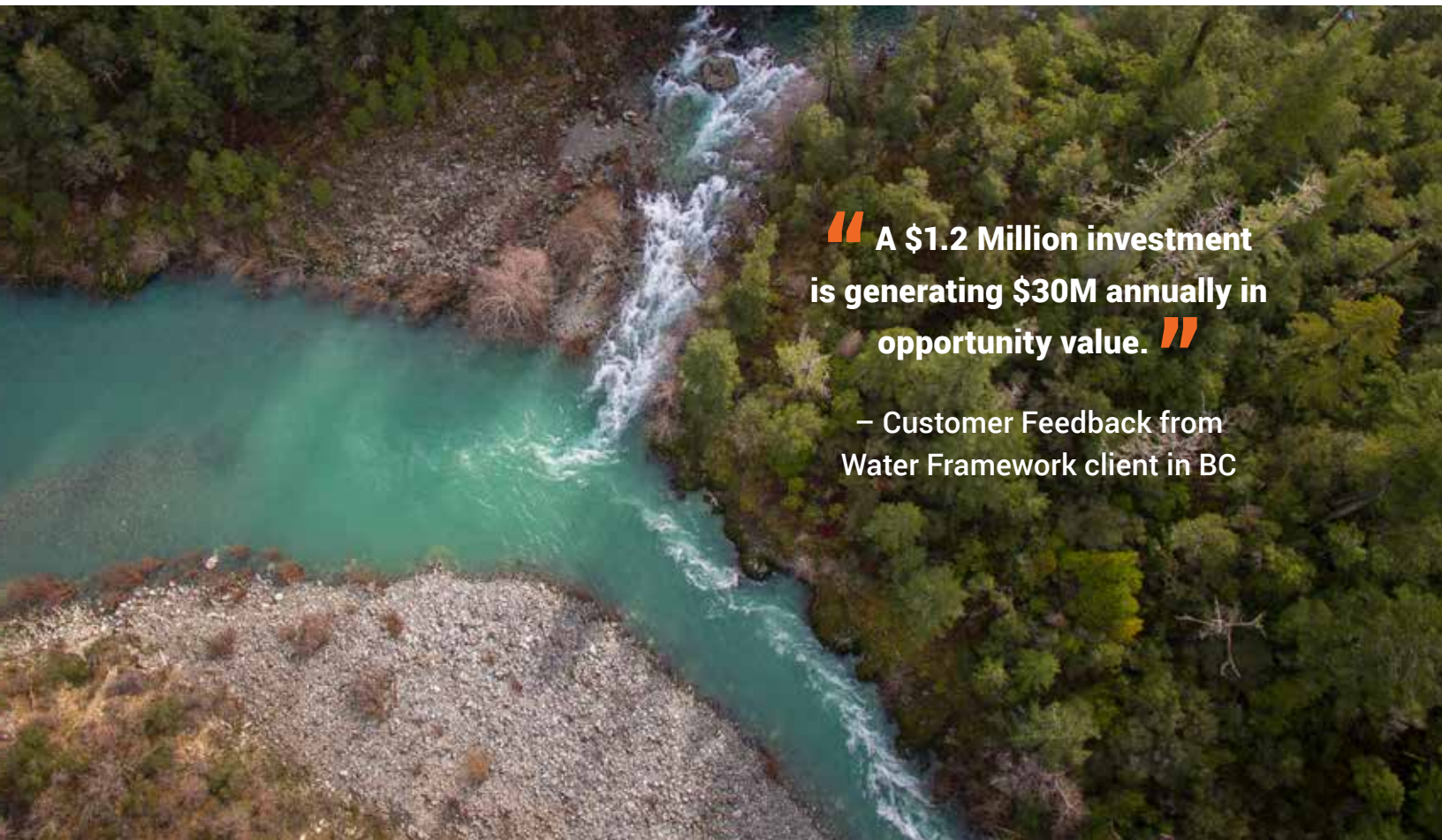
Our solutions are based on robust scientific methods, published in peer reviewed academic journals, and field tested in California.

Think Bigger

Sustainable outcomes for the state require big picture thinking and the watershed perspective provided by the **California Water Framework**. Data and scientific methods transcend administrative boundaries, and are unbiased and consistent across basins providing a holistic view of water resource management.

Think Long Term

The **California Water Framework** is built on a modular technology platform designed to scale and grow, incorporating new methods and data to respond to future challenges.



“ A \$1.2 Million investment is generating \$30M annually in opportunity value. ”

– Customer Feedback from Water Framework client in BC

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