

# Who Uses Land Cover Mapping ... and ... What Are The Uses

Over the past 15 years, Land IQ has been providing land cover mapping with advanced remote sensing processes as driven by on-the-ground measurements. Each year, in collaboration with DWR, Land IQ performs remotely sensed provide field-by-field mapping for over 15.3 million acres across California with accuracies exceeding 97%. In addition, outside of California, Land IQ has mapped over 3 million acres in area of the southern and western United States as well as Mexico and Australia. The following two lists show who uses these key spatial data resources and for what purposes.

## Uses

- California Water Plan
- Carbon Modeling
- Central Valley Salinity Coalition Implementation
- Climate Impact Forecasting
- Commodity Marketing Programs
- Crop Consumptive Use Estimations
- Crop Forecasting
- Crop Rotation Management
- Economic Modeling
- Energy Resource Management and Modeling
- Fallowing Impacts
- Flood and Drought Impacts
- Groundwater Recharge Programs
- Groundwater Resource Management and Modeling
- Historical Land Use Change
- Irrigated Lands Regulatory Program Implementation and Compliance
- Land Use Forecasting
- Multi-Benefit Land Repurposing Programs
- Nutrient Management Compliance and Planning
- Pollinator Habitat Management
- Proximity Analyses
- Regional Planning
- Salinity Management and Modeling
- Species Habitat and Management
- Surface Water Resource Management and Modeling
- Sustainable Groundwater Management Act Implementation and Compliance
- Water Balance Projections
- Water Conservation
- Water Quality Management and Modeling
- Water Resource Engineering
- Water Resources Planning
- Water Rights Analyses
- Water Supply Risk Analysis
- Yield Analysis and Forecasting

## Users

- Administrative Committee on Pistachios
- Agricultural Consultants
- Almond Board of California
- American Pecan Council
- Banking Industry
- California Air Resources Board
- California Avocado Commission
- California Blueberry Commission
- California Department of Agriculture
- California Department of Conservation
- California Department of Fish and Wildlife
- California Department of Pesticide Regulation
- California Department of Water Resources
- California Energy Commission
- California Fresh Fruit Association
- California Prune Board
- California Raisin Administrative Committee
- California Regional Water Resources Control Boards
- California Rice Industry
- California State Water Resources Control Board
- California Walnut Board
- California Wild Rice Advisory Board
- Central Valley Salinity Coalition
- County Governments
- Ditch Companies
- Economic Consultants
- Environmental Consultants
- Environmental Defense Fund
- Farming Companies
- Flood Control Agencies
- Groundwater Sustainability Agencies
- Insurance Companies
- Investment Firms
- Irrigated Lands Regulatory Program Coalitions
- Irrigation Districts
- Nature Conservancy
- Northern California Water Association
- Public Policy Institute of California
- Real Estate Industry
- Reclamation Districts
- Resource Conservation Districts
- Science and Engineering Firms
- Sustainable Conservation
- United States Bureau of Reclamation
- United States Department of Agriculture - APHIS
- United States Department of Agriculture - ARS
- United States Department of Agriculture - NASS
- United States Department of the Interior
- United States Environmental Protection Agency
- University of California Cooperative Extension
- University Researchers
- Water Companies
- Water Law Firms
- Water Storage Districts



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Learn more about our mapping at  
[www.landiq.com/land-use-mapping](http://www.landiq.com/land-use-mapping)