

# 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 and driven by on-the-ground measurements. Each year, in collaboration with DWR, Land IQ performs remotely sensed 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 Food & 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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