

# Economic Analysis Section



**Vision:**

Develop and maintain in-house expertise and staff levels to provide high quality, timely, cost-effective responses to meet DWR program managers' needs

**Mission:**

The Economic Analysis Section (EAS) provides technical assistance and policy guidance for economic, demographic, and mathematical analysis to improve the management of California's natural resources.

## Long-Term Activities of the EAS

- Benefit-cost and cost allocation analyses for proposed SWP facilities' plan formulation and feasibility studies
- Socio-economic impact analyses for EIR/EIS documentation for proposed SWP facilities
- Statewide water resources planning
- Analysis of water transfers
- Flood risk management
- Review of other agencies' reports and analyses
- Advise DWR management on project and program level economic impacts

## Responsibilities

- Analyze the local, regional, and statewide economic costs and benefits of proposed water management programs and projects and determine their socioeconomic impacts
- Determine the economic values of ecosystem services
- Use GIS and other methods to allocate current and forecasted demographic data, including population, housing, and personal income to geographic subareas
- Forecast economically based urban and agricultural water demands
- Evaluate the regional and statewide direct and indirect economic impacts of water shortages
- Estimate the value of changes to urban and agricultural water supply reliability
- Help develop grant and loan application procedures and application packages, and help evaluate the returned application packages
- Provide technical assistance to DWR, the Natural Resources Agency, and other State, federal, and local agencies, and serve as expert witnesses for those agencies
- Advise management concerning Department policy on economic analysis criteria and methods and train DWR personnel in basic economic concepts and methods
- Develop economic, agricultural, mathematical, and demographic models

For more information:

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Economic Analysis Section website – <http://www.water.ca.gov/economics/>