

DATA

The SJV Greenprint collects and presents information about the Valley's resources through existing maps, data sources, resource preservation programs, and local policies and regulations (e.g. General Plans, Water Management Plans, Habitat Conservation Plans, Agricultural Preservation Programs, etc.), and has developed new data sources where needed. The SJV Greenprint provides a quantitative and qualitative assessment of Valley resources and trends.

The website for the SJV Greenprint provides an interactive online map database of more than 100 GIS maps that can be visually overlaid to look at potentially complementary or competing uses of land and identify the spatial patterns of regionally significant resources.

The maps have been organized into major themes:

- Agriculture (Soils, crops, agricultural infrastructure)
- Biodiversity (Protected areas, restoration opportunities, habitat connectivity, and natural habitat)
- Water (Surface and groundwater resources)
- Energy (Opportunities for solar, wind, and oil)

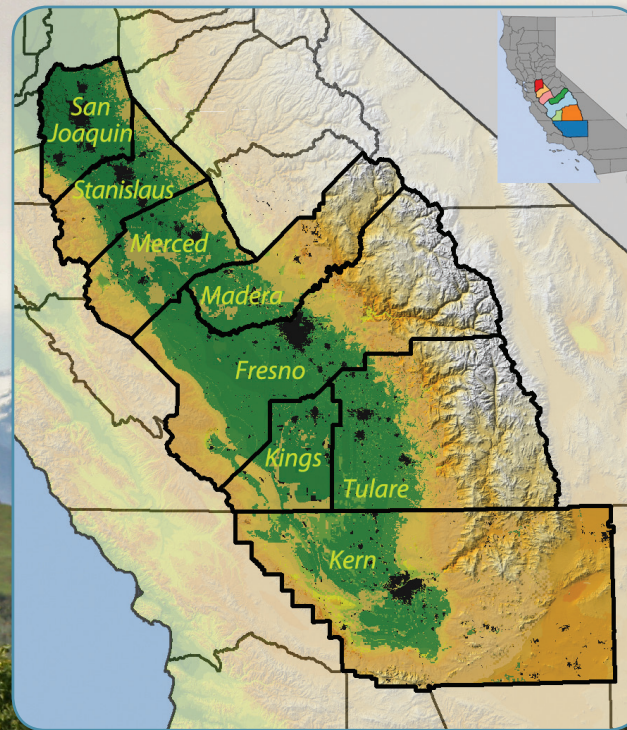
Online resources can be accessed at:
<http://sjvgreenprint.ice.ucdavis.edu>

HISTORY & MANAGEMENT

The San Joaquin Valley Greenprint project grew out of the San Joaquin Valley Blueprint, an effort launched in 2005 by the Regional Transportation Planning Agencies to provide a vision for urban growth in the eight Valley counties. Whereas the Blueprint addresses urban areas, the SJV Greenprint provides a voluntary framework to assist land use and resource management decisions in the Valley's non-urban areas.

The SJV Greenprint, a project of the San Joaquin Valley Regional Policy Council, started in 2011. It is managed by the Fresno Council of Governments. Decisions are guided by a Steering Committee representing public and private sectors and a diverse range of interests relating to Valley resources. Funding is provided by the California Strategic Growth Council.

The University of California at Davis, Information Center for the Environment (ICE) was contracted to gather, catalog, and analyze map data, to build an interactive mapping tool, and to develop a report summarizing the map analyses.



SAN JOAQUIN VALLEY Greenprint

A Regional Resource
for Stewarding the
Valley's Agricultural and
Natural Assets

For more information about the San Joaquin Valley Greenprint and/or to get involved, please contact:

Clark Thompson
Greenprint Project Manager
Fresno Council of Governments
clarkt@fresnocog.org
559-233-4148, ext. 203

<http://sjvgreenprint.ice.ucdavis.edu>

The San Joaquin Valley is one of the world's most productive agricultural regions, is a vital link in California's complex water delivery and transportation systems, and provides important habitat to protect biodiversity. Growth, development patterns, and climate, however, pose ongoing challenges to this unique region. In spite of these challenges, Valley leaders can work together to consider the regional context of local decisions, and develop a path forward that is both economically and environmentally sustainable.



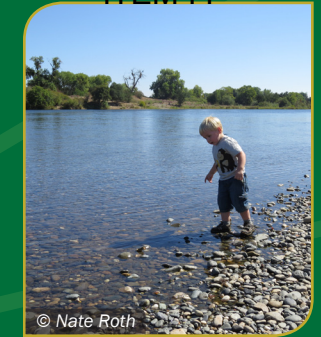
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WHAT IS THE SJV GREENPRINT?

The San Joaquin Valley Greenprint is a voluntary, stakeholder-driven project that provides agricultural, water, and environmental leaders with improved planning data and fosters regional collaboration on strategies that promote resource sustainability while enhancing economic prosperity. It focuses on the challenges and opportunities in non-urban land use planning, and how those rural decisions shape the region's economy and environment.

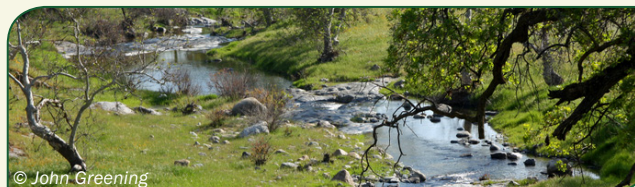
The SJV Greenprint provides the following:

1. **MAP DATABASE:** The SJV Greenprint has compiled more than 100 maps that profile the agricultural, water, and ecological resources of the San Joaquin Valley. The maps are presented in an interactive, easy-to-use, online tool that invites users to display spatial relationships between agriculture, water, and other resources. The maps can be downloaded from the website.
2. **REGIONAL PLANNING FORUMS:** The SJV Greenprint provides opportunities for elected officials, agencies, local business leaders, and other stakeholders in agriculture, water, natural resource management, mining, and energy production to collaborate through voluntary, multi-county forums on issues that affect the health of the Valley as a whole, while recognizing its distinct parts.
3. **CONSERVATION VISION:** The SJV Greenprint convenes a broad range of stakeholders to identify strategies and priorities for stewarding and conserving the Valley's precious and finite resources: agriculture, water, and biodiversity. This "vision" will be displayed in maps and documents that can support decision-makers as they assess priorities, make decisions, and plan for the Valley's long-term sustainability.

APPLICATIONS

The SJV Greenprint provides a regional resource that can inform land use decisions and project planning efforts in the San Joaquin Valley. To strike a balance between the preservation of finite resources and the accommodation of a growing population, the Valley faces tough decisions. The Greenprint project's maps can provide context for stakeholders and decision-makers faced with a variety of questions such as:

- How can we achieve multiple resource management goals – for agriculture, water, and ecological resources – simultaneously to optimize the contributions they make to the economy and quality of life in the Valley?
- Where are the most strategic locations for groundwater recharge and storage?
- How can we identify locations for urban growth while protecting economic and natural resources like farmland, oil, minerals, timber, and fisheries?
- How can we minimize flood damage and utilize excess water from flood years in times of drought?
- Where can we restore biodiversity and connect wildlife habitats, while also achieving other land use benefits?
- Where are the most strategic sites to build solar and wind energy facilities and other infrastructure that minimize impacts to farming and the environment?
- What strategies can be adopted to increase the Valley's resilience to changes in climate?
- How do we craft regional strategies to inform the local implementation of long range conservation and mitigation plans?



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THE PROCESS

The SJV Greenprint is both a data resource and a participatory process. By providing enhanced data accessibility, the SJV Greenprint promotes collaborative regional planning and invites all Valley residents and stakeholders to deepen their understanding of the region's agricultural, water, and ecological resources.

As part of its process, the SJV Greenprint seeks input from public officials, property owners, interest groups, technical experts, and the public to develop a vision for the future of the Valley's non-urban lands. This vision, ultimately, can help guide local and regional efforts to manage critical resources that balance the Valley's economic and environmental interests and assets.

The SJV Greenprint project began in 2011 with public surveys, forums, and a data-gathering effort to compile and validate maps portraying the Valley's agricultural lands, water resources, soil types, wildlife corridors, and other important features of the Valley. The first phase of the project culminates in June 2014, with the release of a report summarizing the eight-county region's resources, and a website with interactive online data mapping and access.

The second phase of the project engages Valley leaders and residents in public forums to develop a vision of shared regional priorities for the non-urban areas of the region. This phase also sets the stage for local decision-makers to voluntarily begin incorporating the goals and strategies identified through the SJV Greenprint process into their planning efforts and project development.

The SJV Greenprint focuses on the challenges and opportunities in non-urban land use planning, and how these rural decisions shape the region's economy and environment.