

Valley Infrastructure At Risk From Climate Change

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What is At Risk?

- Transportation
- Energy
- Buildings
- Open Space



Recommended Infrastructure Strategies to Mitigate Climate Change

- Increase infrastructure maintenance and improvement.
- Conserve water and promote efficiency technology.
- Support public transit.
- Preserve open space and avoid conversion to sprawl development.
- Retrofit existing buildings for energy and water efficiency.



Increase Infrastructure Maintenance and Improvement

- Implementation mechanisms:
 - Follow the State plan using public purpose and various funding sources.
 - Implement at local level through a mechanism that is coordinated among appropriate parties.



Conserve Water and Promote Efficiency Technology

- Implement climate appropriate agriculture and landscape vegetation and water demand reduction.
- Maintain water supply through various means (legislation, regulation, etc.).
- Employ integrated demand-side management.
 - Install water meters, change water pricing to reflect true cost.



Support Public Transit

- Facilitate the use of alternative fuel vehicles and infrastructure.
- Implement livable community design principles.
- Undertake coordinated land use through General Plan updates, zoning codes/ordinances.
- Prioritize funding for transit.
- Develop public education programs for transit and alternative fuel vehicles.



Preserve Open Space and Avoid Sprawl

- Increase use of conservation easements.
- Purchase development rights.
- Support preservation of the Williamson Act.



Retrofit Existing Buildings

- Enforce existing building codes.
- Construct "green" buildings.
- Use incentive programs to encourage energy efficiency retrofits.
- Adopt a residential energy conservation ordinance.



