



Local Adaptation Planning and the General Plan Guidelines 2018 Update



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ICARP Technical Advisory Council Meeting



General Plan Guidelines (2018 Update)

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GENERAL PLAN BASICS

Chapter 1: [Introduction](#)

Chapter 2: [A Vision for Long-Range Planning](#)

Appendix E: [Glossary](#)

COMMUNITY ENGAGEMENT

Chapter 3: [Community Engagement and Outreach](#)

REQUIRED ELEMENTS

Chapter 4: [Required Elements](#)

IMPLEMENTATION AND ENVIRONMENTAL REVIEW

Chapter 9: [Implementation](#)

Chapter 10: [CEQA](#)

ADDITIONAL CONSIDERATIONS

Chapter 5: [Equitable and Resilient Communities](#)

Chapter 6: [Healthy Communities](#)

Chapter 7: [Economic Development and the General Plan](#)

Chapter 8: [Climate Change](#)

TOOLS AND RESOURCES

Appendix A: [Example Model Goals, Objectives, and Policies and Programs](#)

Appendix B: [SB 743 Safety Technical Advisory](#)

Appendix C: [New state legislation related to General](#)

Appendix D: [Noise Element Guidelines](#)

Appendix E: [Glossary](#)

[Bibliography](#)

[General Plan Mapping tool](#)

Windows Taskbar: Chrome, Word, PowerPoint, Excel, OneDrive, Edge, Firefox, Notepad, PDF Reader, System Tray: Network, Volume, Power, Date/Time: 10:20 PM 9/26/2017



General Plan Guidelines (2018 Update)

Required Elements

- Land use
- Circulation
- Housing
- Conservation
- Open Space
- Noise
- Safety
- Environmental Justice
- Air Quality

Other Chapters

- Public Engagement
- Healthy communities
- Climate Change
- Economic Development
- Social Equity/Resilience

Adaptation updates since 2017:

- SB 1000- Environmental Justice – currently in public review
- SB 379- Climate Change Adaptation – SB1035 amends the update timeline for the Safety Element
- Natural infrastructure case study report nearing release
- New resources on financing, definitions, and links added to the chapter
- Additional cross linkages with existing and new sections, such as the Delta, the natural and working lands, smart growth, greenhouse gases, and more...

AARP | Air Resources Board | Alliance of Regional Collaboratives for Climate Adaptation (ARCCA) and member regions | American Lung Association | American Planning Association | Association of Bay Area Governments | Association of Environmental Professionals | CalEPA | California Air Pollution Control Officers Association | California Association of Councils of Government | California Coastal Commission | California Conference of Local Health Officers | California Department of Conservation | California Department of Education | California Department of Finance | California Department of Food and Agriculture | California Department of Forestry and Fire Protection | California Department of Housing and Community Development | California Department of Public Health | California Department of Resources Recycling and Recovery | California Department of Technology | California Department of Toxic Substance Control | California Department of Water Resources | California Health and Human Services Agency | California Natural Resources Agency | California Office of Emergency Services | California Pan Ethnic Health Network | California Planning Roundtable | California Walks | Caltrans | Caltrans Aeronautics | Central California Regional Obesity Prevention Program | Changelab Solutions | Climate Readiness Institute at UC Berkeley | ClimatePlan | Community Health Councils, Los Angeles | County Health Executives Associate of California | Design 4 Active Sacramento | Eco-Adapt | ED West Fresno Family Resource Center | Environmental Protection Agency | Federal Emergency Management Agency | Fresno Inter-denominational Refugee Ministries | Fresno Metro Ministries | Governors Office of Business and Economic Development | Health in All Policies Taskforce | Institute for Local Government | Kaiser Innovation Lab | League of California Cities | Local Government Commission | Local Health Departments | Massachusetts Institute of Technology | Metropolitan Transportation Commission | Mintier Hamish | Mosquito Abatement Districts | National Institute for Standards and Technology | Native American Heritage Commission | National Oceanic and Atmospheric Administration | Office of State-wide Health Planning and Development | Pacific Gas and Electric | Place Works | Policy Link | Prevention Institute | Public Health Institute | Raimi & Associates | Resources Legacy Fund | Sacramento Tree Foundation | Safe Routes to School National Partnership | San Joaquin Valley Air Pollution Control District | Sierra Health Foundation | Strategic Growth Council | The California Endowment | The Leadership Council | The Nature Conservancy | UC Berkeley, Center for Technology and Aging | UC Davis | UC Los Angeles | United States Army Corp of Engineers | United States Department of Agriculture | United States Geological Service | US Department of the Interior | Walk Sacramento | White House Council on Environmental Quality | The Staff and Interns at the Office of Planning and Research | Participants who gave of their time to provide feedback at the many sessions throughout the state, and the many more who submitted comments to OPR.



Safety Element - Adaptation

- Climate change adaptation is required in Safety Elements
 - Safety element is the statutory “home”
 - Supports incorporation in to other areas
 - Encourages cross-linkages and co-benefits
- Some distinct actions:
 - Review existing plans (gap analysis)
 - Assess community vulnerability
 - Create a set of goals, policies and objectives
 - Create a set of “feasible” implementation measures
 - Implement measures



Timeline and Implementation

- SB1035 (Jackson) 2017, allows for the update to be at the update of the housing element or the LHMP, but no less than every eight years.
 - The initial update must occur no later than 1/2022
- Suggestion to use the Housing Element to align updates (like fire and flood) with adaptation and resilience;
- Use adaptation plan, climate action plan or general plan;
 - Leverage existing work;
 - Incorporation by reference or direct;
- Leverage State funding opportunities.
 - OES/FEMA, SGC, CalTrans, CalFire, etc



Data requirements: Vulnerability

- Assets, resources and populations that are sensitive to various climate change impacts;
 - Local, regional, state data (MPOs, LAFCOs, Counties, etc)
- Current status of climate change preparedness;
- Historical data on natural events and hazards;
- Vulnerability maps and areas that have repetitive loss;
- Existing and planned development in at-risk areas;
- Protection of public health, safety, and the environment.



Goals, Policies, Implementation

- How will the jurisdiction reduce risk with new land use decisions?
- Where are at-risk and resilient critical facilities?
- How can buildings and development be made resilient?
- How will the jurisdiction formalize working with local, regional, state, and federal agencies?
- What are the natural infrastructure options that are to be prioritized?
- How will adaptation measures be incorporated into proposed development?



On the Ground Implementation

- Coordination with other plans and programs.
- Institutionalization across the ecosystem of local activities.
- Integration with local funding/financing decisions.
- Capacity and process improvements.
- See resources at www.resilientca.org