Joint Sustainable & Resilient Communities / Natural & Farm Lands Conservation Working Group

January 20, 2022
1:00 pm – 3:00 pm
Land Acknowledgment

Image source: Native Land Digital
https://native-land.ca/
1. This meeting will be recorded and posted on the SCAG website

2. All participants will be muted

3. At the end of each presentation, there will be a Q&A session. Please use the "raise hand" function or type your question into the chatbox and we will answer it during the Q&A.

4. Think of something later? Email brookover@scag.ca.gov

5. All presentations will be emailed to those who registered to participate in today’s meeting
1. Welcome and Introductions
   *India Brookover, SCAG*

2. SoCal Greenprint Update & Feedback Discussion
   *India Brookover, SCAG*

3. Update on Draft Environmental Equity Definition
   *Emily Rotman, SCAG*

4. Resilience Landscape Analysis: Draft Findings
   *Lorianne Esturas, SCAG*

5. Connect SoCal 2024 Goals Discussion
   *Leslie Cayton, SCAG*

6. SCAG Climate Change Action Resolution: Year 1 Updates
   *Lorianne Esturas, SCAG*

7. SoCal Climate Planning Network Feedback
   *Emily Rotman, SCAG*

8. Grant Opportunities
   *Kim Clark, SCAG*

9. Adjourn and Regional Updates
   *Kim Clark, SCAG*
Please type your name, pronouns, and the agency/organization you represent in the chatbox.

Voluntary Icebreaker: What was the last nature-y place you visited?
SoCal Greenprint Update

Joint Working Group Meeting

India Brookover
Senior Regional Planner, Sustainable and Resilient Development
1/20/2022
• Background
• Proposed Data Layer List & Survey Results
• Regional Advance Mitigation Planning (RAMP) – Advisory Task Group
• Next Steps
• Feedback & Discussion
What Is a Greenprint?

A tool to help users make better land use and transportation infrastructure decisions and support conservation investments based on the best available scientific data.
Goals of the SoCal Greenprint

- Implement Connect SoCal
- Balance growth with conservation
- Accommodate infrastructure while protecting natural resources
- Address the lack of consistent, regional data and tools
- Better prioritize lands for mitigation investments
- Resource for our member agencies and stakeholders
- Data to inform future Regional Advance Mitigation Program
What will it look like?

- Custom, web-based interactive map tool
- Compilation of regional data about conservation and growth
- Themes that organize information and map data layers
- Specific to local values and needs, like location of natural hazards like fire, flood, and seismic zones

*Screenshot is from Bay Area Greenprint. Web interface for SoCal Greenprint has not been completed.*
Key Users of the SoCal Greenprint

- Infrastructure Agencies
- Conservation Practitioners
- Community-Based Organizations
- Developers (Town, City, County, Tribal)
- Planners (Town, City, County, Tribal)
Regional Council Directives
Regional Council Action

On July 1st, 2021 the Regional Council voted to pause implementation on the SoCal Greenprint for at least 30 days and to hold a public hearing for further discussion, permitting staff to engage in further outreach with stakeholders.

Outreach since Pause Implementation:

- Proposed Data Layer List Survey
- August 24th Public Hearing
- Presentations to TWG and GLUE Council
- One-on-One Stakeholder meetings
Regional Council Action
Continued the pause on implementation of the SoCal Greenprint, allowing further engagement with stakeholders to ensure the tool advances required PEIR mitigation measures and is aligned with regional policy objectives.

Next Steps
- Establish policy framework & white paper for advance mitigation
- Develop Greenprint with focus on cities, counties & transportation agencies
- Review and revise proposed data layers with feedback from strategic & scientific advisors, stakeholders, and RAMP-ATG members
- Conduct user testing
- Disclosure statement & acknowledgement
- Return to RC to seek feedback and remove the pause
Proposed Data Layer List & Survey Results
Example Greenprint Data Layers

Agricultural and Working Lands
- Farmland Mapping & Monitoring Data
- Agritourism
- Crop production

Environmental Justice, Equity, and Inclusion
- DAC, CalEnviroscreen, Com. of Concern
- Public Open Space (CPAD)
- Tree Canopy

Built Environment
- Roads
- Transit stops
- Sewer Lines

Climate Vulnerabilities & Resilience
- Seismic hazards
- 100 & 500 year flood plains
- High fire-risk

Water Resources
- 303d Listed Impaired water bodies/streams
- Water quality index
- Groundwater recharge

Context
- City/County boundaries
- Land use (SCAG Data, 2016)
- Land Cover

For full list of proposed data layers
scag.ca.gov/pod/socal-greenprint-proposed-data-layer-list
Summary of Proposed Data Layer List Survey

4,200+ Stakeholders invited to take survey
33 Survey respondents
69 Comments on individual data layers
45 Data layers commented on
Summary of Proposed Data Layer List Survey: Data Layer Feedback

Survey Question: "Please provide any comments or feedback you have on this data set."

- **75%** of comments were generally **supportive** of the data layer(s).
- **13%** of comments offered **suggestions** to improve the data layer(s) or consider additional data.
- **9%** of comments were **neutral** with respect to the data layer(s).
- **3%** of comments **expressed concern** over the data layer(s).
- **0%** of comments **requested exclusion** of the data layer(s).

n=69 comments
Note: Respondents were invited to submit comments on one or more data layers
Summary of Proposed Data Layer List Survey: Sentiment on Project Goal

Survey Question: "... Do you have any questions or concerns about the goal of the SoCal Greenprint?"

- 0% of respondents expressed concern about the goal of the project.
- 12% of respondents expressed concern over pausing or not completing the project.
- 53% of respondents expressed no concern about the goal of the project.
- 18% of respondents expressed other concerns about the project.

n=17 respondents
Note: Not all survey respondents provided an answer to this question; n includes 3 null responses
Survey Question: "If you have any concerns about the SoCal Greenprint, please share those concerns."

- 27% of respondents expressed concern over the data content.
- 47% of respondents expressed concern over pausing or not completing the project.
- 13% of respondents expressed other concerns.
- 13% of respondents expressed no concern.

n=15 respondents
Note: Not all survey respondents provided an answer to this question
Summary of Proposed Data Layer List Survey: Utility of the SoCal Greenprint

Survey Question: "... would the SoCal Greenprint be useful to your work?"

- **67%** of respondents reported "the SoCal Greenprint would be useful in my workflow"
- **7%** of respondents reported "the SoCal Greenprint would not be useful to me, but could be useful to my colleagues and partners"
- **3%** of respondents reported "I would not use the SoCal Greenprint, but have no concerns"
- **13%** of respondents reported "I need to learn more to decide"
- **3%** of respondents reported "I have concerns about the SoCal Greenprint"

**n=30 respondents**

Note: Not all survey respondents provided an answer to this question; n includes 2 null responses
Frequently Cited Questions, Comments and Concerns In Survey and Letters Provided to SCAG in lieu of Survey

1. Land use authority & general plans inclusion
2. Data Alignment
3. Intergovernmental Review Program (IGR)
4. Dataset use
5. Specific datasets
6. Inoperable/misdirected links
7. Project timeline
8. Consultant selection
9. Connect SoCal Mitigation Measures
10. Pertinence of California Environmental Quality Act (CEQA)
Proposed Next Steps to Address Stakeholder Concerns

- Consideration of removal and/or replacement of certain data layers

- Consultation with SCAG's Technical Working Group (TWG) on data layers considered to remove/replace

- Scientific and Strategic Advisory Committee Consultation for final Data Layer List

- User Acceptance Testing

- Development & Inclusion of Disclosure Language

- Continued public outreach

- Return to Regional Council and Provide Regular Updates to SCAG's Energy and Environment Policy Committee
Regional Advance Mitigation Planning (RAMP) – Advisory Task Group
RAMP Advisory Task Group

• Establish a policy framework for advance mitigation in the SCAG region, and to ensure the SoCal Greenprint is aligned with related policy objectives.

• Advise on a white paper on Regional Advance Mitigation Planning (RAMP)

• Consists of 5 Regional Council Members

• Will meet 4 times between December 2021 and March 2022

• Report findings to RC and EEC in April 2022
Meeting #1 – December 2021
• Discuss purpose of ATG and structure.

Meeting #2 – January 2022
• Presentations on existing RAMP programs
• Review feedback shared from interviews with county transportation commissions
• Review Connect SoCal’s strategies, goals, and PEIR mitigation measures.
• Provide feedback on the draft outline of the RAMP white paper

Meeting #3 – February 2022
• Develop recommendations on establishing a policy framework for advanced mitigation
• Guidance for aligning the SoCal Greenprint and its data layers with related policy objectives

Meeting #4 – March 2022
• Review the RAMP draft white paper and provide feedback.
• Finalize recommendations on a policy framework for advance mitigation (for consideration at the April 2022 RC and Energy & Environment Committee meetings).
Next Steps & Opportunities to Participate
**December 2021 – March 2022**
- RAMP Advisory Task Group

**March 2022**
- Science & Strategic Advisory Committee Meeting

**April 2022**
- Present policy framework to RC

**May 2022**
- Finalize list of data layers based on stakeholder feedback

**June – August 2022**
- Complete draft tool and conduct user testing

**October 2022**
- Present tool to RC & EEC for feedback
Upcoming Meetings/Opportunities to Participate

Jan 28th, 3–5pm
RAMP–ATG Meeting #2

Feb 18th, 3–5pm
RAMP–ATG Meeting #3

Early March, TBD
RAMP–ATG Meeting #4

March 9th, 2–4pm
SoCal Greenprint Science and Strategic Advisory Meeting

April 7th, 12:30 pm
Regional Council Meeting

*submit comments and questions to scaggreenregion@scag.ca.gov*
Feedback & Discussion
Thank you!

India Brookover
Brookover@scag.ca.gov

www.scag.ca.gov
"As central to SCAG's work, racial equity describes the actions, policies, and practices that eliminate bias and barriers that have historically and systemically marginalized communities of color, to ensure all people can be healthy, prosperous, and participate fully in civic life."

Read the Racial Equity Early Action Plan
SCAG's Environmental Equity Definition Objectives

Build upon and operationalize SCAG's equity work

Make equity a priority in SCAG's programs with an environmental component

Provide a model process for other SCAG program-specific equity definitions

Create a shared understanding of environmental equity for SCAG and its stakeholders
Background research (existing definitions, literature, key concepts, SCAG work)

Develop first draft of definition

Feedback from SCAG staff with subject matter expertise

Workshop and refine definition

Stakeholder feedback from Natural Lands Working Group, Climate Adaptation Working Group, Equity Working Group

Refine definition, develop final working draft
Example Potential Applications

- Greenprint
- Resolution on Climate Change
- Sustainability Awards
- Policy Committees
- Alternative Fuels & Vehicles
- Sustainable Communities Program
- Working Groups
- Inclusive Economic Recovery Strategy
- Regional Resilience Framework
Differentiate between environmental justice and environmental equity
Be intentional about what populations the definition refers to / includes
Important to acknowledge impact of both natural and human activities
Framing the definition as a practice (actionable) vs. an explanation (informative)
Relate to SCAG's racial equity and resilience definitions

Consider a broad range of historical harms and systemic issues
Important to keep the word "abolish" vs. less strong language
Center people who are impacted by environmental harms and the solutions / decisions
Importance of access to information and knowledge to empower communities
"Environmental equity addresses the actions, policies, and practices that **abolish** the systemic inequities, marginalization, disinvestment, disempowerment, and exclusion from decision-making processes that have directly resulted in **vulnerable people bearing disproportionate and adverse impacts** from natural hazards and human activity, so that all people have **access** to the fundamental physical, health, and social benefits of our natural and built systems."
Thank you!

Emily Rotman
Rotman@scag.ca.gov

www.scag.ca.gov
Resilience Landscape Analysis
Draft Findings

Lorianne Esturas
SCAG Sustainable & Resilient Development Department
January 20, 2022

www.scag.ca.gov
Chapter 6

Looking Ahead

Connect SoCal has presented a suite of valuable regional strategies and catalytic transportation investments reflecting our aspirations for a healthier, safer, more resilient and economically vibrant region. In particular, Connect SoCal introduces the Key Connections which are packages of strategies that lie at the intersection of land use, transportation and innovation. These strategies depend on broad inter-agency partnerships, and will position the region to deliver sustained performance in meeting the plan’s objectives. Our air can be cleaner to breathe, our streets can be safer to navigate, and our resources can be preserved and restored when we directly confront our challenges and take decisive action. Real progress can be made towards sustainable results over the next 25 years if cities and counties are equipped with sufficient resources and practical tools. SCAG will help forge partnerships beyond jurisdictional boundaries for over 20 million people so we can achieve our regional goals.

There is always more to accomplish in Southern California – much more than what a single regional transportation plan can anticipate. Although Connect SoCal helps our region advance towards a more sustainable future, additional needs remain, and this chapter seeks to illuminate new challenges that are on our horizon.

Regional Resilience Framework

The challenges our region will face in meeting ambitious goals over the next 25 years and beyond are increasingly difficult to predict, as the recent COVID-19 pandemic has shown. Disruptions to the region from changing climate, natural hazards, technology, the global economy and other external forces will be significant in the near- and long-term. These disruptions may be acute shocks that are sudden such as earthquakes, or chronic stresses such as high unemployment or housing insecurity. It is critical that we recognize the likelihood of disruption and strengthen our collective resolve to become an even more resilient and prepared region. Disruptions will impact varying degrees our region’s public health, vulnerable populations, economy, natural resources, built environment, transportation system, housing and water supplies, utility infrastructure and emergency services.

To better anticipate a wide range of potential futures and strengthen the resilience and preparedness of the region, a collaborative exploratory scenario planning process will be initiated to augment the traditional Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) planning process. This process will not be focused on achieving predetermined outcomes or targets. Rather, it will explore pressing issues and potential near- and long-term disruptions to Southern California, such as earthquakes, extreme weather, drought, wildfires, pandemics and economic shocks. This exploration will be expansive and help identify pathways for developing future regional and local plans, including those addressing resilience, emergency preparedness and health equity.

Framework and approach will help define “regional resilience” and identify specific strategies to reduce vulnerabilities, thus allowing the region to further adapt, withstand and respond to disruption. Specifically, the approach will consider the potential degree of disruption to the region that could result from land-based, atmospheric, public health and geologic natural hazards. Opportunities for being better prepared for climate change and public health impacts may be prioritized, and implementation tools will be established.

Connect SoCal recognizes that a resilient and prepared region requires that the transportation system, built environment and natural resource areas coexist in a well-balanced land use pattern. Further, it recognizes that when well-coordinated, these components can result in multiple benefits, including greenhouse gas (GHG) emissions reductions, improved health, equity and conservation. Accordingly, the framework will be developed to maximize the implementation of Connect SoCal’s regional strategies and investments that support resilience.

SCAG recognizes that disruptions and their impacts may be borne differently by people depending on demographics and location. Crafting a regional resilience framework and approach therefore requires the meaningful engagement of diverse stakeholders from throughout the region. To better reach and engage a broader cross section of residents – particularly when physical distancing may make traditional outreach more challenging – SCAG intends to develop, expand and deepen partnerships with Community-Based Organizations (CBOs). Partnering with CBOs can support equitable and resilient regional outcomes.

Identifying & Fulfilling Housing Needs

Connect SoCal’s strategies and investments seek to support expanded housing choices for all income levels in areas with a range of transportation choices and economic opportunities. For instance, land use strategies such as prioritizing growth in Job Centers are intended to reduce commute distances and times, and regional initiatives focused on supportive infrastructure for housing in
Connect SoCal Commitments

• Define “resilience”
• Understand the impacts of disruptions (shocks/stressors) across the region
• Conduct meaningful outreach & engagement
• Identify strategies to reduce vulnerabilities & increase regional resilience
• Conduct an exploratory scenario planning process
• Support implementation of Connect SoCal strategies
Connect SoCal Commitments

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Resilience Landscape Analysis

**Project Goals:**
- Status of resilience planning across the region
- Identify common “resilience focus areas” across jurisdictions
- Identify ways to engage & ground-truth resilience findings with communities

**Key Deliverables:**
- Matrix Spreadsheet of “Resilience Focus Areas” (RFAs) & Potential Shocks/Stressors
- Gap Analysis of Resilience Planning Efforts
- Lessons Learned & Next Steps for Stakeholder Engagement
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<table>
<thead>
<tr>
<th></th>
<th>County</th>
<th>Municipality</th>
<th>Name, title, affiliation, contact information of key staff</th>
<th>Municipality has a climate action plan?</th>
<th>Plan that includes climate action (legislated)?</th>
<th>Plan that includes climate adaptation?</th>
<th>What departments and stakeholders were involved in creating this plan?</th>
<th>Municipality has a Local Hazard Mitigation Plan (LHMP) either created by City or from the County?</th>
<th>When was LHMP last updated?</th>
<th>Does LHMP account for climate change?</th>
<th>If updated for climate, list climate impacts reflected</th>
<th>Updated General Plan per SB 375 &amp; SG 2057?</th>
<th>SEIRP integration-reference to LHMP General Plan use?</th>
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<td>San Bernardino</td>
<td>Adelanto</td>
<td>Ngya Sam, Sam</td>
<td><a href="mailto:sam@adelanto.ca.us">sam@adelanto.ca.us</a></td>
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</tbody>
</table>
RFA Analysis & Matrix

- **Study area**: 191 cities, 2 tribal communities
- **Compilation of climate-related resilience planning efforts**, including review of
  - CAPs & CAAPs
  - Sustainability Plans
  - Resilience Plans
  - LHMPs
  - General Plans (SB 379, SB 1035, SB 1000)
  - Emergency Operations/Management Plans
- **Climate Strategies**
- **State & Local Climate Resources**
- **RFA Analysis Statistics**
Review Climate Impacts found within each LHMP 

Broadly Categorize Climate Impacts into RFA Themes 

Refine RFAs to Eliminate Overlaps 

Quantify Frequency of RFAs Cited within Plans 

Calculate RFA Frequency within LHMPs with Climate Impacts 

Identify General Plans with Distinct Climate Impacts 

Conduct Condensed Refinement of Distinct RFAs 

Identify Reasoning for Distinct RFAs in General Plans
DRAFT Analysis Findings: Resilience Planning Across the Region

• 86 out of 193 (45%) jurisdictions adopted a standalone climate, sustainability, and/or resilience plan
  ➢ 30 of the 86 plans include adaptation strategies

• 141 out of 193 (73%) jurisdictions adopted an LHMP
  ➢ 105 of the 141 adopted an LHMP accounting for climate change impacts

• 19 out of 193 (10%) jurisdictions updated General Plans per SB 379 & SB 1035
  ➢ SB 379 requires Safety Elements to be updated to address climate risks by 2022
  ➢ SB 1035 expands Safety Elements to also be updated upon revision to the Housing Element or LHMP

• 104 out of 193 (54%) jurisdictions have DACs (Cal EnviroScreen 4.0)
  ➢ 17 of the 104 adopted environmental justice goals, policies, and objectives
  ➢ 10 of the 17 updated General Plans per SB 1000
1. Drought
2. Flood
3. Wildfire (wildfire & urban fire)
4. Extreme Heat
5. Non-heat-related Severe Weather
6. Sea Level Rise
7. Tsunami
8. Infrastructure Failure
9. Coastal Erosion
10. Non-drought Water Issues

Source: Climate Science Alliance
## DRAFT Analysis Findings: Climate-related Shocks & Stressors to the Region

<table>
<thead>
<tr>
<th>Shocks</th>
<th>Stressors</th>
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<tbody>
<tr>
<td><em>Sudden or acute events that threaten immediate safety and well-being</em></td>
<td><em>Chronic challenges that weaken natural, built, or human resources</em></td>
</tr>
<tr>
<td>• Avalanche</td>
<td>• Access &amp; Function Needs Population</td>
</tr>
<tr>
<td>• Drought</td>
<td>• Access to Open Space</td>
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<tr>
<td>• Earthquake</td>
<td>• Age Dependency Ratio</td>
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<td>• Extreme Cold</td>
<td>• Aging Infrastructure</td>
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<tr>
<td>• Extreme Heat</td>
<td>• Car-less Households</td>
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<tr>
<td>• Flood</td>
<td>• Economic Security</td>
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<tr>
<td>• Hazard Material Release</td>
<td>• Educational Attainment</td>
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<td>• Infrastructure Failure</td>
<td>• Female Head of Household</td>
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<td>• Landslide</td>
<td>• Food Insecurity</td>
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<tr>
<td>• Non-heat-related Severe Weather</td>
<td>• Foreign Born</td>
</tr>
</tbody>
</table>
Key Takeaways & Next Steps

• Key Takeaways:
  ➢ Most frequently cited RFAs in LHMPs & GPs are drought, flood, and wildfire
  ➢ Further analysis is needed to identify connections between RFAs

• Next Steps:
  ➢ QA/QC RFA findings & analysis
  ➢ Summarize Resilience Planning Efforts by County
  ➢ Lessons learned & stakeholder outreach

Anticipated release: Spring 2022
Thank You!

Questions?

Lorianne Esturas
esturas@scag.ca.gov
213-236-1853
www.scag.ca.gov
Overview: Connect SoCal 2024

- **Vision Statement** to capture what we want the region to be

- Four simplified Goals
  - Themes: *Mobility, Communities, Environment*, and *Economy*
  - Further defined through sub-goals

- Overarching through lines to integrate into the 2024 cycle: *Equity and Resilience*
What kind of region do we want in 2050?

Working Drafts:

• Option 1: “A healthy, equitable and resilient region that works together to plan effectively for the challenges of tomorrow.”

• Option 2: “A healthy, accessible and connected region for a more resilient and equitable future.”
Build and maintain a robust transportation network.

• Support investments that are well-maintained and operated, coordinated, and resilient, and result in improved safety and air quality and minimize greenhouse gas emissions.

• Ensure reliable, accessible, affordable, and appealing travel options are readily available, while striving to enhance equity in the offerings in high need communities.

• Support planning for people of all ages, abilities, and backgrounds
Develop, connect, and sustain communities that are livable and thriving.

• Create human-centered communities in urban, suburban, and rural settings to increase mobility options and reduce travel distances

• Produce and preserve diverse housing types in an effort to improve affordability, accessibility, and opportunities for all households.
Create a healthy region for the people of today and tomorrow.

• Develop communities that are resilient and can mitigate, adapt to, and respond to chronic and acute stresses and disruptions, such as climate change.

• Integrate the region’s development pattern and transportation network to improve air quality and reduce greenhouse gas emissions.

• Conserve the region’s resources.
Support a sustainable, efficient, and productive regional economic environment that provides opportunities for all residents.

- Improve multimodal access to jobs and educational resources
- Advance a resilient and efficient goods movement system that supports the economic vitality of the region, attainment of clean air, and quality of life for our communities.
1. Build and maintain a robust transportation network. (Mobility)

2. Develop, connect, and sustain communities that are livable and thriving. (Communities)

3. Create a healthy region for the people of today and tomorrow. (Environment)

4. Support a sustainable, efficient, and productive regional economic environment that provides opportunities for all residents. (Economy)
Questions for Feedback:

• Is there anything missing?
• How can we better integrate equity and resilience?

Timeline:

• Now to March 2022: Share out draft goals and vision statement with Regional Planning Working Groups
• June 2022: Share Draft Goals with SCAG Policy Committees
Thank you!

Questions/Feedback?

Sarah Dominguez, dominguezs@scag.ca.gov
Leslie Cayton, cayton@scag.ca.gov

www.scag.ca.gov
SCAG Climate Change Action Resolution
Year 1 Updates

Lorianne Esturas
SCAG Sustainable & Resilient Development Department
January 20, 2022

www.scag.ca.gov
Climate Change Impacts in the SCAG Region

- Extreme Heat
- Sea Level Rise/Coastal Flooding and Erosion
- Severe Storms/Wind
- Inland Flooding
- Drought
- Wildfire
- Air Quality and Vector Borne Diseases
- Landslides
- Pests and Ecological Hazards

Source: National Oceanic and Atmospheric Administration
As of August 2021, FEMA identified Southern California as one of the most vulnerable areas in the U.S. due to natural hazards.

Los Angeles County is the most at-risk nationwide.

Riverside County, San Bernardino, and Imperial County are amongst the 10 highest at-risk counties in the U.S.
Climate Change Action Resolution – adopted January 7, 2021

- Regional Resilience Framework
- Climate Planning Network
- Regional Advanced Mitigation Program (RAMP)
- Accelerated Electrification
- Inclusive Economic Recovery Strategy
- Climate Adaptation & Mitigation Analysis and Strategies in the 2024 RTP/SCS
- Partnership Potential
  - Climate Action Plans
  - Urban Greening
  - Safety elements
  - Hazard mitigation infrastructure financing
  - Urban heat mitigation
  - Wildlife corridor restoration & greenway connectivity
  - EV permitting
Regional Resilience Framework
Climate Planning Network
Partnership Potential – Safety elements
  • SCAG SB 379 Safety Element Technical Assistance Program
  • SCAG Climate Risk & Vulnerability Assessment Tool (CRVAT)

Climate Change Action Resolution Quarterly Updates
  • First Quarterly Update Staff Report (04/01/2021)
  • Second Quarterly Update Staff Report (07/01/2021)
  • Third Quarterly Update Staff Report (10/07/2021)
  • Fourth Quarterly Update Staff Report (01/06/2022)
• Law passed in 2015, builds upon AB 162 (flood) and SB 1241 (fire)
• Applies to all cities and counties in California
• Requires climate adaptation and resilience strategies to be incorporated into the general plan safety element by January 1, 2022
What are the statutory requirements of SB 379?

1. Vulnerability assessment
   - Identifies the risks that climate change poses to the local jurisdiction and the geographic areas at risk from climate change impacts

2. Set of adaptation and resilience goals, policies, and objectives
   - Based on the information in the vulnerability assessment
   - For the protection of the community

3. Set of feasible implementation measures
   - Designed to carry out the identified goals, policies, and objectives
Over 2021, SCAG held multiple trainings, hosting sessions for the cities of Westminster, West Hollywood, Camarillo, and Fillmore.

1-on-1 **SB 379 Safety Element** training sessions cover:

- Meeting the requirements of SB 379 ([SB 379 Compliance Curriculum](#))
- SCAG adaptation planning resources ([SoCal Regional Climate Adaptation Framework](#))
- State data and resources ([Local Climate Change Snapshot Tool](#))
- Risk and vulnerability assessment data and mapping resources
What Is the SB 379 Guidebook?
SCAG's Adaptation Planning Resources

- SoCal Regional Climate Adaptation Framework
- SoCal Adaptation Planning Guide
- Housing Element Parcel (HELPR) Tool
- Green Region Initiative
Climate Risk & Vulnerability Assessment Tool (CRVAT)

Climate Risk & Vulnerability Assessment Tool
for SB 379 Safety Element Updates

What is the Climate Risk & Vulnerability Assessment Tool (CRVAT)?

The Climate Risk & Vulnerability Assessment Tool (CRVAT) accompanies SCAG’s SB 379 Compliance Curriculum for Local Jurisdictions and offers additional guidance, interactive maps, and resources to conduct a vulnerability assessment for general plan safety element updates pursuant to SB 379.

The tool is designed to assist local jurisdictions and practitioners by outlining the SB 379 Compliance Curriculum steps to conduct a vulnerability assessment, providing publicly available data on climate impacts and vulnerabilities across the SCAG region, and making relevant resources easily accessible, all in a central platform.
Assessing Vulnerability is Phase 2 of the four-phase adaptation planning process, which is described in further detail in the SB 379 Compliance Curriculum, and is intended to better understand and prioritize your community's major climate vulnerabilities.

Preparation of a vulnerability assessment involves identifying the community assets that could be impacted by climate change, the severity of the impacts, and the ability of the community to prepare for and reduce the potential adverse impacts. Findings from the vulnerability assessment will help to identify and prioritize urgent matters and risks that require near-term action, as well as identify those that are longer term issues.

There are four steps for conducting a vulnerability assessment, in addition to conducting outreach and engagement with your community throughout the entire phase and adaptation planning process. These steps are outlined in the figure below.

Continue reading for more detail on each step.
Climate Risk & Vulnerability Assessment Tool (CRVAT)

The Combined Hazard Map provides environmental and climate hazard data for flooding, sea level rise, wildfire, seismic, landslide susceptibility, and extreme heat. Explore the data layers together below by toggling on the various hazard layers. For information about the data included in this tool and displayed in the map, please reference the User Guide on the "Help" page.
SB 379 Safety Element Technical Assistance

• Trainings provided on rolling basis through 2022

• Come learn and explore risk and vulnerability assessment data and mapping resources through SCAG's Regional Data Platform & HELPR Tool

• If interested, please reach out to adaptation@scag.ca.gov

Climate Risk & Vulnerability Assessment Tool (CRVAT)

SCAG Toolbox Tuesday:
SB 379 Compliance: Resources for Local Jurisdictions

• February 15, 2022
2:00pm–3:30pm

• Register here: https://bit.ly/3FKdjMZ
Thank You!

Questions?
adaptation@scag.ca.gov

Lorianne Esturas
esturas@scag.ca.gov

www.scag.ca.gov
Climate Mitigation & Adaptation In Connect SoCal

• SCAG's 2020 Regional Transportation Plan / Sustainable Communities Strategy

• Key goals and policies focused on climate adaptation and resilience

• Climate change embedded throughout plan across transportation, housing, land use, public health, conservation strategies

• Proposes development of a Regional Resilience Framework

https://scag.ca.gov/connect-socal
• 2-year effort, funded by SB 1 adaptation planning grant

• Worked with local municipalities, advocacy groups, universities, and other stakeholders to assess the unique issues affecting the SCAG region

• Compendium of tools and resources for local planning: such as Communication & Outreach Toolkit, planning guidance and model policy language, SB 379 Guidebook

https://scag.ca.gov/climate-change-regional-adaptation-framework
SCAG's Climate Change Resolution

- Unanimously adopted on January 7, 2021 by SCAG's Regional Council
- Affirmed the climate crisis in Southern California
- Committed SCAG to a series of actions to promote climate adaptation, mitigation and resilience
- Actions include initiating a "regional climate planning network"

“SCAG shall initiate a regional climate planning network that will provide technical assistance for local jurisdictions’ climate planning initiatives – including consensus building exercises and an information hub featuring a framework of effective mitigation strategies for cities and counties to use in climate action plans (CAPs) as well as a library of model policies that collectively foster climate change mitigation, adaptation, and resilience.

SCAG shall establish partnerships to support local jurisdictions’ climate adaptation and mitigation initiatives, including identifying funding resources to support Climate Action Plans, General Plan Safety Element updates, local hazard mitigation, infrastructure financing plans, electric vehicle permitting, urban heat mitigation plans, organic waste reduction plans, wildlife corridor restoration plans, greenway connectivity master plans, among other efforts."
Objectives of SoCal Climate Planning Network

- Enhance work of existing climate collaboratives and fill gaps
- Leverage SCAG's resources (convening power, programs, data)
- Establish partnerships with and between local jurisdictions
- * Advocate for, bring, implement funding for climate action to the SCAG region
"think regionally and act locally"

**REGIONAL VISION**
- Be a central hub for information, resources, and data
- Convene stakeholders and facilitate consensus-building exercises

**LOCAL PLANNING**
- Support climate outreach and public engagement
- Coordinate and expand funding and financing opportunities
- Integrate climate action into local planning and equity work

**PROJECT IMPLEMENTATION**
- Provide guidance and tools for project implementation and tracking
- Facilitate peer-to-peer sharing of best practices
- Encourage climate-smart infrastructure and resilient transportation projects
Proposed Activities: Regional Vision

REGIONAL VISION

• Be a central hub for information, resources, and data
• Convene stakeholders and facilitate consensus-building exercises

Central Resource Hub
A. Provide access to regionwide data, research, tools, and resources
B. Offer technical assistance and trainings
C. Share climate highlights and news across the region
D. Lay a foundation to conduct an updated regional GHG inventory

Convene Stakeholders
1. Outreach and engagement for policy development for Connect SoCal 2024
2. Explore opportunities to tie outreach efforts with the Regional Resilience Framework
3. Provide resources to build subregional strategies for the most prioritized climate impacts, community assets, and climate equity
4. Liaise between the state and local planning agencies for information sharing
Questions for Discussion

How can SCAG's network and resources support your work?

What would you like to see as outcomes of a SCAG-facilitated network?

What are some barriers to existing networks and partnerships?

What types or specific activities would you like to see?

What is your biggest challenge or unmet need re. climate planning?

Is there anyone else we should engage with?
Outreach & Engagement
A. Incorporate climate change and regional resilience into SCAG’s Local Profiles and local implementation surveys
B. Conduct public campaigns and climate-oriented outreach
C. Encourage partnerships with local jurisdictions, CBOs, other organizations/coalitions
D. Partner with state agencies on housing and smart growth messaging

Funding & Financing
1. Research grant opportunities and facilitate joint applications between local jurisdictions
2. Identify funding resources
3. Foster relationships with federal, state, and other agencies to help improve access to funding

Integrating Climate Action
I. Develop and share resources to align regional and local climate planning
II. Center the needs of frontline communities in climate planning
Proposed Activities: Project Implementation

**Project Implementation & Tracking**
- A. Develop and share toolkits
- B. Track and widely share adaptation projects around the region
- C. Monitor potential and future climate funding opportunities

**Peer-to-Peer Sharing**
- 1. Establish a “buddy system” with local jurisdictions to learn best practices and coordinate
- 2. Support and amplify demonstration and pilot projects

**Climate-Smart Infrastructure**
- I. Expand the Smart Growth Infrastructure Funding and Financing (IFF) program
- II. Promote public private and interagency partnerships
Potential Funding & Financing

• SCAG is advocating for resources at the state and national levels, with potential sources including:

  • $600M Regional Early Action Planning Grant of 2021 (REAP 2.0)
    • REAP 2.0 Framework Paper & Survey ([link](#))
    • $480M (85%) of funds to flow directly to the state's 18 MPOs

  • $100B California Comeback Plan
    • $750M Community Economic Resilience fund – [press release](#)
      • High Road Transition Collaboratives
      • High Road Transition Implementation Grants
    • $15B Climate Package – [press release](#)

  • Governor's 22–23 Proposed Budget
    • $22B in new climate funding – [Climate Change Budget Summary](#)
Timeline & Next Steps

Now

• Refine with input from stakeholders, subregional agencies, climate collaboratives
• Connect with ARCCA

Winter/Spring 2022

• Network membership and outreach
• Develop network landing page and materials

Summer/Fall 2022

• Prepare for launch of network
• First kickoff meeting

Additional feedback? Feel free to email any comments or questions: rotman@scag.ca.gov.
Thank You!

For more information on available resources and technical assistance, contact SCAG's Local Information Services Team at

LIST@scag.ca.gov

Emily Rotman
rotman@scag.ca.gov

www.scag.ca.gov
Grant Opportunities

Kim Clark
SCAG Sustainable & Resilient Development Department
January 20, 2022
CDBG-MIT Funding Overview

CDBG Mitigation (CDBG-MIT) is a new source of funding through HUD
  – Different from CDBG-DR unmet recovery needs grant

What is Mitigation?
- Activities that increase resilience to disasters
- Reduce or eliminate long-term risk
- Lessen the impact of future disasters.

CDBG-MIT is preventative measures instead of recovery.
# CDBG Mitigation Action Plan - Timeline

## 2017 MIT Funds

<table>
<thead>
<tr>
<th>Timeframe</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer 2019</td>
<td>Funds Issued via FRN</td>
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<tr>
<td>Spring 2020</td>
<td>HCD Met the Action Plan Due Date</td>
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<tr>
<td>Summer 2020</td>
<td>HUD Approved 2017 Action Plan</td>
</tr>
<tr>
<td>Fall 2020</td>
<td>MIT-RIP NOI Issued</td>
</tr>
<tr>
<td></td>
<td>MIT-PPS NOFA Issued</td>
</tr>
<tr>
<td>Spring 2021</td>
<td>MIT-PPS NOFA Closed</td>
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<tr>
<td></td>
<td>MIT-RIP Allocations Announced</td>
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<tr>
<td>Fall 2021</td>
<td>MIT-PPS Awards Announced</td>
</tr>
<tr>
<td>Summer 2026</td>
<td>50% of Funds Expended</td>
</tr>
<tr>
<td>Summer 2032</td>
<td>100% of Funds Expended</td>
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</table>

## 2018 MIT Funds

<table>
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<th>Timeframe</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Winter, 2021</td>
<td>Funds Issued via FRN</td>
</tr>
<tr>
<td>Summer, 2021</td>
<td>Action Plan Submitted</td>
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<tr>
<td></td>
<td>Estimated HUD Approval Date</td>
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<tr>
<td>TBD</td>
<td>MIT-RIP NOI Issued</td>
</tr>
<tr>
<td>TBD</td>
<td>MIT-PPS NOFA Issued</td>
</tr>
<tr>
<td>Fall 2027</td>
<td>50% of Funds Expended</td>
</tr>
<tr>
<td>Fall 2033</td>
<td>100% of Funds Expended</td>
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</tbody>
</table>
Maziar Movassaghi
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Adjourn & Regional Updates

Kim Clark
SCAG Sustainable & Resilient Development Department
January 20, 2022

www.scag.ca.gov
Thank you!

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