MEETING OF THE

TECHNICAL WORKING GROUP

Thursday, February 16, 2023
10:00 a.m. – 11:00 a.m.

SCAG OFFICES
900 Wilshire Blvd., Ste. 1700
Los Angeles, CA 90017
(213) 236-1800

JOIN ZOOM MEETING
HTTPS://SCAG.ZOOM.US/J/142774637
OR
DIAL BY YOUR LOCATION
+1 669 900 6833 US TOLL
+1 346 248 7799 US TOLL
MEETING ID: 142 774 637

If members of the public wish to review the attachments or have any questions on any of the agenda items, please contact Kevin Kane at (213) 236-1828 or via email at kane@scag.ca.gov. Agendas & Minutes for the Technical Working Group are also available at: https://scag.ca.gov/technical-working-group

SCAG, in accordance with the Americans with Disabilities Act (ADA), will accommodate persons who require a modification of accommodation in order to participate in this meeting. SCAG is also committed to helping people with limited proficiency in the English language access the agency’s essential public information and services. You can request such assistance by calling (213) 630-1402. We request at least 72 hours (three days) notice to provide reasonable accommodations and will make every effort to arrange for assistance as soon as possible.
Agenda

1. Connect SoCal 2024: Joint Policy Committee Discussion Preview
   Sarah Dominguez
   35 Minutes
   Packet Page 5

2. Regional Resilience Framework: Draft Shocks and Stressors Matrix
   Anna Van and Kim Clark
   15 Minutes
   Packet Page 25

3. Regional Advance Mitigation Policy Framework & Greenprint TAC
   India Brookover and Kim Clark
   10 Minutes
   Packet Page 38

4. Open Discussion
Meeting Minutes (Abridged)

January 19, 2023
10 a.m. – 12 p.m.

The meeting was held via Zoom teleconferencing.

Membership Attendance

<table>
<thead>
<tr>
<th>LAND USE AUTHORITIES</th>
<th></th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equina, Justin</td>
<td>Associate Planner</td>
<td>City of Irvine</td>
</tr>
<tr>
<td>Gable, Emily</td>
<td>City Planner</td>
<td>City of Los Angeles</td>
</tr>
<tr>
<td>Gackstetter, Ryan</td>
<td>Senior Planner</td>
<td>City of Chino Hills</td>
</tr>
<tr>
<td>Garcia, Alexis</td>
<td>Assistant Planner</td>
<td>City of Yorba Linda</td>
</tr>
<tr>
<td>Guiam, Charles</td>
<td>Planner</td>
<td>City of Anaheim</td>
</tr>
<tr>
<td>Hogan, Larissa</td>
<td>Associate Analyst</td>
<td>City of Culver City</td>
</tr>
<tr>
<td>Shiromoto-Lohr, Gail</td>
<td>Regional Planning Consultant</td>
<td>City of Mission Viejo</td>
</tr>
<tr>
<td>Soto, Ricardo</td>
<td>Principal Planner</td>
<td>City of Santa Ana</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>REGIONAL PARTNERS</th>
<th>Director of Planning</th>
<th>AMBAG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adamson, Heather</td>
<td>Corridor Manager</td>
<td>TCA</td>
</tr>
<tr>
<td>Anderson, Kelsie</td>
<td>Transportation Planning Manager</td>
<td>LA Metro</td>
</tr>
<tr>
<td>Huddleston, Lori</td>
<td>Chief of Planning</td>
<td>SBCTA/SBCOG</td>
</tr>
<tr>
<td>Lee, Josh</td>
<td>Principal Transportation Analyst</td>
<td>OCTA</td>
</tr>
<tr>
<td>Tso, Kristin</td>
<td>Management Analyst</td>
<td>SGVCOG</td>
</tr>
<tr>
<td>Wong, Steph</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>REGULATORY &amp; COORDINATING AGENCIES</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>No representatives present</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

FIELD EXPERTS

| Diep, Deborah                        | Director             | CDR/CSUF               |

ALTERNATES & PUBLIC ATTENDEES

| Aranguri, Cesar                      | Director & Board Chairman | Indigenous Ark Urban Technologies |
| Briski, Ari                           | City Planner            | City of Los Angeles     |
| Crook, David                         | Environmental Group Mgr./Principal | HELIX Environmental Planning, Inc. |
| Duymich, Chris                       | Senior Planner          | AMBAG                   |
| Garfio, Angel                         | --                     | OCTA                    |
| Hofflinger, Michael                  | Senior Planner          | City of Chino Hills     |
| Koblasz, Ginger                      | Senior Planner          | SBCTA/SBCOG             |
| Laufer, Amanda                       | Associate Planner       | City of Anaheim         |
| Lin, Tiffany                         | --                     | --                     |
| Lockwood, Wendy                      | Principal              | Sirius Environmental    |

Packet Page 3
Meeting Summary

1. **WHITE PAPER: CONSIDERATIONS FOR REGIONAL AND SUBREGIONAL FORECASTING IN CALIFORNIA**

   Kevin Kane presented an overview of the white paper *Considerations for Regional and Subregional Forecasting in California*, produced by the Population Reference Bureau (PRB), highlighting the report’s purpose of identifying best practices for aligning regional and subregional forecasting for regional transportation planning organizations. Gail Shiomoto-Lohr (City of Mission Viejo) and Deborah Diep (CDR/CSUF) provided comments.

2. **CONNECT SOCAL 2024 FORECASTED REGIONAL DEVELOPMENT PATTERN – PROCESS UPDATE**

   Kevin Kane presented a process update on the Connect SoCal 2024 Forecasted Regional Development Pattern, which included a status update on the Local Data Exchange (LDX), an overview of versions of the Forecasted Regional Development Pattern and next steps. Deborah Diep participated in discussion.

3. **HIGHLIGHTS OF THE CTC PROJECT LIST INPUT**

   Mike Jones provided a verbal update on highlights from the CTC Project List Input process that concluded in early November 2022 and provided overview of next steps. Gail Shiomoto-Lohr provided a question for discussion.

4. **AB 2334 – REQUIREMENTS AND OPPORTUNITIES FOR REGIONAL COLLABORATION**

   Tom Vo presented an overview of AB 2334, which included background information, technical information, tools available and opportunities for local and regional collaboration. Josh Lee (SBCTA/SBCOG) and Emily Gable (City of Los Angeles) provided comments.

5. **CONNECT SOCAL 2024 PROGRAM ENVIRONMENTAL IMPACT REPORT – STATUS UPDATE**

   Karen Calderon presented a brief status update on the progress of the Program Environmental Report (PEIR) for Connect SoCal 2024. SCAG staff received no comments or questions on this item.

6. **UPDATE ON RAMP ADVISORY TASK GROUP AND NEXT STEPS FOR SOCAL GREENPRINT**

   India Brookover presented a verbal update on the Regional Advance Mitigation Program – Advisory Task Group (RAMP-ATG), highlighting that next steps will include soliciting participants for the Greenprint Tool Technical Advisory Committee.

7. **OPEN DISCUSSION**

   A request was made by a Technical Working Group (TWG) member for an agenda outlook through the end of Connect SoCal development.
March 2, 2023 Agenda

- Connect SoCal 2024: Update
  - Purpose and Requirements
  - Plan Development Progress to Date
  - Trends Update

- Policy Development Framework: Update
  - Overview
  - Regional Planning Policies

- Special Connect SoCal 2024 Subcommittees
  - Overview
  - Recommendations
  - Discussion
Connect SoCal Update
Plan Development Progress and Trends

• Plan Development Progress
  • Who are we planning for?
  • How has the region changed? (Trends, below)
  • Where do we want to be in 2050?
  • Where will we grow?
  • How will we move?

• Trends
  • VMT
  • Transit ridership
  • Safety
  • Goods movement
  • Telework
  • Housing
Development Update
Connect SoCal 2024

COMPLETED MILESTONES
✓ Draft Goals & Vision
✓ Draft Performance Measures
✓ Local Data Exchange
✓ Project List

MILESTONES FOR 2023
▪ Subcommittee Recommendations
▪ Public Outreach and Engagement
▪ Plan Modeling, Analysis, Writing
▪ Draft Release in Fall 2023
Public Outreach and Engagement

- “Open House” Style Workshops
  - In-person: several per County
  - Virtual: several regionwide

- CBO Partnerships
  - Expand reach to underrepresented populations

- Pop-up engagements
  - Meet people where they are gathering

- Online survey
  - Reach across the region
Policy Development Framework

Connect SoCal 2024
Policy Development Framework

• Adopted by the Regional Council on June 2, 2022
• Documented draft vision and goals
• Outlined policy priorities from Connect SoCal 2020, recent Regional Council actions, and emerging issues
• Established the subcommittees

• Next: July 2023 Update with Regional Planning Policies and Implementation Strategies
Regional Planning Policies will carry on the intent of the core vision to articulate broad and established regional policies or best practices for land use and transportation planning.

**Mobility**
- System Preservation
- Complete Streets
- Transit Backbone
- Transportation Demand Management
- System Management
- Technology Integration
- Safety
- Financing the System

**Environment**
- Sustainable Development
- Air Quality and Clean Technology
- Natural and Working Lands
- Hazard Mitigation
- Water Resilience

**Economy**
- Goods Movement
- Broadband
- Universal Basic Mobility
- Workforce Development
- Tourism

**Communities**
- 15 Minute Communities
- Housing the Region
- Priority Development Areas
- Priority Equity Areas
Subcommittees
Connect SoCal 2024
**PURPOSE**

Dive deeper into key areas for Connect SoCal and provide recommendations to the Policy Committees on how to address these issues in the Plan.

**REPRESENTATION**

Members from each county with invited participation from business or civic leaders and practitioners.

**DURATION**

Launched in September 2022

**Final Meeting and Recommendations:** January 19 (RE&RP) and 23 (R&C), February 15 (NGI)

More info: [scag.ca.gov/subcommittees](http://scag.ca.gov/subcommittees)
Guest Speakers and Panelists

- Caltrans
- Metro
- U.S. Department of Transportation
- Metro
- SCAG Technical Working Group
- SAAS
- Santa Ana Active Streets
- SCDC
- Transportation for America
- MAJESTIC
- MAJESTIC
- Real Estate
- Investors
- ZONE CO
- Brookings
- UC Davis
- University of California
- SDSU
- San Diego State University
- SCWC
- Metropolitan Water District of Southern California
- Shared-Use Mobility Center
Subcommittee White Papers

• Foundations
• Discussion & Key Findings
• Recommendations

• Next:
  • Staff will elevate recommendations as relevant in future staff reports
  • Informs Regional Planning Policies development
KEY QUESTIONS

• What are the opportunities to advance racial equity through the policies and strategies in Connect SoCal?

• How can Connect SoCal guide how planning and investments over the next 30 years can address and rectify the effects of racially discriminatory policies in the SCAG region?
1. Connect SoCal 2024 will be a vehicle to promote racial equity (as defined in the Racial Equity Early Action Plan), to address the historic impacts of systemic racism and coordinate and implement equity centered activities across the region.

2. Embed a racial equity lens in Connect SoCal implementation, prioritize equity as a process and outcome that benefits and reduces burdens for the most disadvantaged communities and people across the region, and identify opportunities to measure and track success and lessons learned.

3. Incorporate equity centered best practices in data collection to ensure that data assessments reflect community needs, disaggregate data by race/ethnicity and other important demographic factors, ground truth data, widely distribute data to impacted stakeholders, and incorporate community perspective in data-informed decision making.

4. Break down silos within SCAG and among other local, regional, and federal agencies that are doing equity-centered work, for example State Reparations Effort and Justice40.
5. Prioritize community-centered interventions, resources, and programming that serve the most disadvantaged communities and people in the region with strategies that can be implemented in the short-to-long-term.

6. Identify and target communities that are vulnerable to displacement and work towards stabilizing communities and increase access to housing that meets the needs of the region, with an emphasis on preserving and producing affordable housing, increasing homeownership opportunities, and reducing housing cost burden (for renters and homeowners), with a focus on the communities with the greatest need.

7. Incorporate equity-centered economic activities that increase access to opportunity and living wages for disadvantaged communities and individuals who face barriers to employment and economic mobility.

8. Increase equitable, inclusive, and meaningful representation and participation of people of color and disadvantaged communities in SCAG led and funded planning processes.
KEY QUESTION

• How can Connect SoCal mitigate and adapt to the impacts of climate and seismic related hazards on our built and natural systems and increase our region’s resilience?
1. **Define Resilience:** The capacity of the SCAG region's built, social, economic and natural systems to anticipate and effectively respond to changing conditions, acute shocks, and chronic stressors by creating multiple opportunities for a sustainable, thriving and equitable future;

2. **Prioritize the most vulnerable populations and communities subject to climate hazards:** Help the people, places, and infrastructure that are most at risk for climate change impacts, recognizing that disadvantaged communities are often overburdened

3. **Build strong partnerships:** Coordinate across multiple sectors, scales, and stakeholders to ensure all people have access to the fundamental physical, health, and social benefits of our natural and built systems

4. **Apply ecosystem-based approaches:** Incorporate ecosystem resilience, protection of ecosystem services, and sustainable resource management

5. **Maximize mutual benefits:** Support resilience and conservation initiatives across built, social, economic, and natural systems, such as disaster preparedness, to ensure synergies across systems and reduce/avoid impacts of maladaptation
KEY QUESTIONS

• How has travel changed with COVID and what will this mean for long-range transportation planning?
• (How) should our objectives for highway investment evolve?
• How do we ensure transit recovery?
• (How) should we better align the way we pay for and fund transportation with equity and resiliency goals?
1. **Continue to invest in system preservation and efficiency investments**: Fix-it-first remains a key strategy for Connect SoCal, especially recognizing greater needs associated with the transition to zero emission vehicles and ensuring system resilience. Within this context, operational improvements and targeted strategic highway capacity expansion are warranted when coupled with complementary efforts to offset any potential increases in vehicle miles traveled and especially single-occupant vehicle travel.

2. **Maintain a people-centric transportation investment strategy**: Ensure that deployment of new technologies support people’s needs and address larger shared goals like advancing equitable access and reducing traffic fatalities and serious injuries. Prioritize use of our public rights-of-way for all roadway users, especially focusing on the needs of non-single occupant vehicle users.

3. **Expand and enhance mobility choices**: Focus on understanding and meeting the needs of existing transit riders, which will also attract new riders. Increase choices beyond driving by enhancing and supporting services across all modes of travel including transit, active transportation, micromobility, and automobiles. Reconsider the role of the automobile in our daily lives and how mobility options can increase reliable accessibility.

4. **Re-envision how we plan, fund, and manage the transportation system**: Plan and manage the transportation system more like an investor, including asserting a role in the management of the transportation digital realm. Appropriately pricing the transportation system ensures that the system functions for all users (even during peak demand periods), generates reliable revenue, and established resources for addressing equity concerns.
Regional Resilience Framework: Draft Matrix of Shocks, Stressors, and Resilience Indicators

Technical Working Group
February 16, 2023
Agenda

1. Resilience Matrix and Indicators
2. Discussion
3. Next Steps
# Matrix of Shocks, Stressors, and Resilience Indicators

<table>
<thead>
<tr>
<th>Shock Factor</th>
<th>Stress Factor</th>
<th>Resilience Indicator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economic Downturn</td>
<td>Natural Disaster</td>
<td>Community Engagement</td>
</tr>
<tr>
<td>Public Health Crisis</td>
<td>Political Instability</td>
<td>Financial Reserves</td>
</tr>
<tr>
<td>Social Disruption</td>
<td>Economic Uncertainty</td>
<td>Educational Programs</td>
</tr>
<tr>
<td>Environmental Damage</td>
<td>Technological Failure</td>
<td>Mental Health Services</td>
</tr>
<tr>
<td>Political Turmoil</td>
<td>Geopolitical Conflict</td>
<td>Emergency Management Plans</td>
</tr>
<tr>
<td>Financial Crisis</td>
<td>Technological Failures</td>
<td>Public Information Campaigns</td>
</tr>
</tbody>
</table>

**SCAG Technical Working Group 2/16/2023**

**Packet Page 27**
RRF Matrix of Shocks, Stressors and Resilience Indicators

• Builds on previous, climate-focused effort by Climate Resolve:
  • Expands resilience to include natural, built, social, and economic resilience to multiple shocks and stressors
• Research additional resilience focus areas
• Incorporate community-based organization (CBO) input into shocks and stressors
• Develop indicators to measure each shock or stressor
Matrix: Shocks, Stressors and Resilience Indicators

Goals

Resilience matrix provides a framework for jurisdictions to:

- Identify shocks, stressors, and resilience indicators
- Map critical systems and impacted communities
- Develop a resilience profile
- Identify areas in which to increase resilience
- Develop resilience actions
- Track performance metrics over time
Flow Chart: Shocks, Stressors and Resilience Indicators

Presence of Shocks/Stressors:

Shocks
Shocks
Shocks
Shocks
Shocks
Stressors
Stressors
Stressors
Stressors
Stressors

Systems:

Built
Social
Economic
Natural

Resilience Indicators & Metrics:

Indicator
Indicator
Indicator
Indicator
Indicator
Indicator
Indicator
Indicator
Indicator
Indicator

Resilience Actions:

Built
Social
Economic
Natural

Performance Metrics:

Performance Metrics
Performance Metrics
Performance Metrics
Performance Metrics
Performance Metrics
Performance Metrics
Performance Metrics
Performance Metrics
Performance Metrics
Performance Metrics
CBO-Identified Shocks and Stressors – a selection

- Air pollution & wildfire smoke
- Healthcare access
- Food insecurity
- Digital divide/broadband access
- Power outages (PSPS)
- Linguistic/social isolation

- Who have we spoken to?
  - Housing for All
  - LAC+USC Medical Center Foundation
  - Sodoba Band of Luiseno Indians
  - Central Coast Alliance United for a Sustainable Economy (CAUSE)
  - Comite Civico Del Valle
  - Center for Community Action and Environmental Justice

- More CBO interviews to come
## Resilience Matrix Example

<table>
<thead>
<tr>
<th>Shock/Stressor</th>
<th>Impacted System</th>
<th>Resilience Indicators</th>
<th>Resilience Actions</th>
<th>Performance Metrics</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Limited tree canopy</strong></td>
<td>• Social (Community, Health, and Wellbeing)</td>
<td>Percent of land area not covered by tree</td>
<td>Plant more trees, prioritizing socially vulnerable communities</td>
<td>• Number of trees planted per year</td>
</tr>
<tr>
<td>(stressor)</td>
<td>• Economy</td>
<td>canopy</td>
<td></td>
<td>• Trees planted in socially vulnerable communities per year</td>
</tr>
<tr>
<td></td>
<td>• Natural Environment</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Infrastructure Failure</strong></td>
<td>• Social (Community, Health, and Wellbeing)</td>
<td>Pavement condition index</td>
<td>Prioritize maintenance for roads identified as critical corridors</td>
<td>• Miles of pavement repairs per year</td>
</tr>
<tr>
<td><strong>Transportation (shock and</strong></td>
<td>• Economy</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>stressor)</strong></td>
<td>• Built (Critical Services)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Asthma-Related Hospital</strong></td>
<td>• Community, Health, and Wellbeing</td>
<td>Counts and rates of asthma emergency</td>
<td>• Provide air filtration devices to low-income residents</td>
<td>• Number of air filtration devices provided per year</td>
</tr>
<tr>
<td><strong>Visits</strong></td>
<td>• Economy</td>
<td>department visits per 10,000 residents</td>
<td>• Set up clean air centers in vulnerable communities</td>
<td></td>
</tr>
<tr>
<td>(stressor)</td>
<td></td>
<td></td>
<td></td>
<td>• Number of visitors to clean air centers</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
DISCUSSION

Provide feedback on the Resilience Matrix and Indicators
NEXT STEPS
Next Steps: Resilience Exploratory Scenario Planning (RXSP)

• Resilience Matrix and Indicators will inform development of:
  • Five science-based scenarios for the RXSP process
  • Key performance indicators for RSXP

• RSXP Workshops
  • 2 RXSP Workshops: April and June 2023
  • Currently building out invite list – Resilience Advisory Committee
  • Workshops will inform and refine scenarios and alternative futures
THANK YOU!

For more information or questions, please contact:

Emily.Schwimmer@aecom.com
<table>
<thead>
<tr>
<th>Event Source / Stressor</th>
<th>Domains</th>
<th>Data Sources</th>
<th>Lead Agency/State</th>
<th>Nat/City</th>
<th>Status</th>
<th>Data Gaps</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pandemic</td>
<td>All Statewide, Local and Regional</td>
<td>NA NA</td>
<td>Current Public Health Orders</td>
<td>NA NA</td>
<td>Current Status</td>
<td>NA NA</td>
</tr>
<tr>
<td>Hazardous Materials Release Shock</td>
<td>All Regional, Local and Regional</td>
<td>Community, Natural Environment</td>
<td>Temporary to Limiting</td>
<td>City Sites for permitted hazardous waste facilities in California</td>
<td>Permitted Hazardous Waste Facilities in California</td>
<td>NA</td>
</tr>
<tr>
<td>Infrastructure Failure: Power Utility Shock</td>
<td>All City/County, Local and Regional</td>
<td>Community, Economy, Critical Services</td>
<td>Limiting</td>
<td>County</td>
<td>Infrastructure Failure: Power Utility Shock</td>
<td>NA</td>
</tr>
<tr>
<td>Infrastructure Failure: Transportation Shock</td>
<td>All City/County, Local and Regional</td>
<td>Community, Economy, Critical Services</td>
<td>Limiting Pavement Condition Index (PCI)</td>
<td>Current Status</td>
<td>Higher value corresponds to lower risk</td>
<td>NA</td>
</tr>
<tr>
<td>Infrastructure Failure: Water Utility Shock</td>
<td>All City/County, Local and Regional</td>
<td>Community, Economy, Critical Services</td>
<td>Limiting Water Accessibility (Physical Vulnerability to Water Outages)</td>
<td>Current Status</td>
<td>Lower value corresponds to lower risk</td>
<td>NA</td>
</tr>
<tr>
<td>Extreme Heat Both</td>
<td>All Regional, Local and Regional</td>
<td>All</td>
<td>Temporary to Limiting</td>
<td>Extreme Heat Days &amp; Warm Nights</td>
<td>Cal-Adapt</td>
<td>NA</td>
</tr>
<tr>
<td>Public Safety Power Shutdown (Related to Wildfire Risk) Shock</td>
<td>All City/County and Regional, Local and Regional</td>
<td>Community, Natural Environment</td>
<td>Limiting</td>
<td>Site-Specific</td>
<td>Public Safety Power Shutdown (Related to Wildfire Risk) Shock</td>
<td>NA</td>
</tr>
<tr>
<td>Drought Declaration and/or Water Conservation Emergency Regulations</td>
<td>Site-specific</td>
<td>Site-specific</td>
<td>Presence of active fault and/or liquefaction zone</td>
<td>California Geological Survey, California Department of Conservation</td>
<td>California Geological Survey, California Department of Conservation</td>
<td>NA</td>
</tr>
<tr>
<td>Hazardous Materials Release Shock</td>
<td>All Regional, Local and Regional</td>
<td>Community, Natural Environment</td>
<td>Temporary to Limiting</td>
<td>City Sites for permitted hazardous waste facilities in California</td>
<td>Permitted Hazardous Waste Facilities in California</td>
<td>NA</td>
</tr>
<tr>
<td>Infrastructure Failure: Power Utility Shock</td>
<td>All City/County, Local and Regional</td>
<td>Community, Economy, Critical Services</td>
<td>Limiting</td>
<td>County</td>
<td>Infrastructure Failure: Power Utility Shock</td>
<td>NA</td>
</tr>
<tr>
<td>Infrastructure Failure: Transportation Shock</td>
<td>All City/County, Local and Regional</td>
<td>Community, Economy, Critical Services</td>
<td>Limiting Pavement Condition Index (PCI)</td>
<td>Current Status</td>
<td>Higher value corresponds to lower risk</td>
<td>NA</td>
</tr>
<tr>
<td>Infrastructure Failure: Water Utility Shock</td>
<td>All City/County, Local and Regional</td>
<td>Community, Economy, Critical Services</td>
<td>Limiting Water Accessibility (Physical Vulnerability to Water Outages)</td>
<td>Current Status</td>
<td>Lower value corresponds to lower risk</td>
<td>NA</td>
</tr>
<tr>
<td>Pandemic</td>
<td>All Statewide, Local and Regional</td>
<td>NA NA</td>
<td>Current Public Health Orders</td>
<td>NA NA</td>
<td>Current Status</td>
<td>NA NA</td>
</tr>
<tr>
<td>Hazardous Materials Release Shock</td>
<td>All Regional, Local and Regional</td>
<td>Community, Natural Environment</td>
<td>Temporary to Limiting</td>
<td>City Sites for permitted hazardous waste facilities in California</td>
<td>Permitted Hazardous Waste Facilities in California</td>
<td>NA</td>
</tr>
<tr>
<td>Infrastructure Failure: Power Utility Shock</td>
<td>All City/County, Local and Regional</td>
<td>Community, Economy, Critical Services</td>
<td>Limiting</td>
<td>County</td>
<td>Infrastructure Failure: Power Utility Shock</td>
<td>NA</td>
</tr>
<tr>
<td>Infrastructure Failure: Transportation Shock</td>
<td>All City/County, Local and Regional</td>
<td>Community, Economy, Critical Services</td>
<td>Limiting Pavement Condition Index (PCI)</td>
<td>Current Status</td>
<td>Higher value corresponds to lower risk</td>
<td>NA</td>
</tr>
<tr>
<td>Infrastructure Failure: Water Utility Shock</td>
<td>All City/County, Local and Regional</td>
<td>Community, Economy, Critical Services</td>
<td>Limiting Water Accessibility (Physical Vulnerability to Water Outages)</td>
<td>Current Status</td>
<td>Lower value corresponds to lower risk</td>
<td>NA</td>
</tr>
<tr>
<td>Extreme Heat Both</td>
<td>All Regional, Local and Regional</td>
<td>All</td>
<td>Temporary to Limiting</td>
<td>Extreme Heat Days &amp; Warm Nights</td>
<td>Cal-Adapt</td>
<td>NA</td>
</tr>
<tr>
<td>Public Safety Power Shutdown (Related to Wildfire Risk) Shock</td>
<td>All City/County and Regional, Local and Regional</td>
<td>Community, Natural Environment</td>
<td>Limiting</td>
<td>Site-Specific</td>
<td>Public Safety Power Shutdown (Related to Wildfire Risk) Shock</td>
<td>NA</td>
</tr>
<tr>
<td>Drought Declaration and/or Water Conservation Emergency Regulations</td>
<td>Site-specific</td>
<td>Site-specific</td>
<td>Presence of active fault and/or liquefaction zone</td>
<td>California Geological Survey, California Department of Conservation</td>
<td>California Geological Survey, California Department of Conservation</td>
<td>NA</td>
</tr>
<tr>
<td>Hazardous Materials Release Shock</td>
<td>All Regional, Local and Regional</td>
<td>Community, Natural Environment</td>
<td>Temporary to Limiting</td>
<td>City Sites for permitted hazardous waste facilities in California</td>
<td>Permitted Hazardous Waste Facilities in California</td>
<td>NA</td>
</tr>
<tr>
<td>Infrastructure Failure: Power Utility Shock</td>
<td>All City/County, Local and Regional</td>
<td>Community, Economy, Critical Services</td>
<td>Limiting</td>
<td>County</td>
<td>Infrastructure Failure: Power Utility Shock</td>
<td>NA</td>
</tr>
<tr>
<td>Infrastructure Failure: Transportation Shock</td>
<td>All City/County, Local and Regional</td>
<td>Community, Economy, Critical Services</td>
<td>Limiting Pavement Condition Index (PCI)</td>
<td>Current Status</td>
<td>Higher value corresponds to lower risk</td>
<td>NA</td>
</tr>
<tr>
<td>Infrastructure Failure: Water Utility Shock</td>
<td>All City/County, Local and Regional</td>
<td>Community, Economy, Critical Services</td>
<td>Limiting Water Accessibility (Physical Vulnerability to Water Outages)</td>
<td>Current Status</td>
<td>Lower value corresponds to lower risk</td>
<td>NA</td>
</tr>
<tr>
<td>Pandemic</td>
<td>All Statewide, Local and Regional</td>
<td>NA NA</td>
<td>Current Public Health Orders</td>
<td>NA NA</td>
<td>Current Status</td>
<td>NA NA</td>
</tr>
<tr>
<td>Hazardous Materials Release Shock</td>
<td>All Regional, Local and Regional</td>
<td>Community, Natural Environment</td>
<td>Temporary to Limiting</td>
<td>City Sites for permitted hazardous waste facilities in California</td>
<td>Permitted Hazardous Waste Facilities in California</td>
<td>NA</td>
</tr>
<tr>
<td>Infrastructure Failure: Power Utility Shock</td>
<td>All City/County, Local and Regional</td>
<td>Community, Economy, Critical Services</td>
<td>Limiting</td>
<td>County</td>
<td>Infrastructure Failure: Power Utility Shock</td>
<td>NA</td>
</tr>
<tr>
<td>Infrastructure Failure: Transportation Shock</td>
<td>All City/County, Local and Regional</td>
<td>Community, Economy, Critical Services</td>
<td>Limiting Pavement Condition Index (PCI)</td>
<td>Current Status</td>
<td>Higher value corresponds to lower risk</td>
<td>NA</td>
</tr>
<tr>
<td>Infrastructure Failure: Water Utility Shock</td>
<td>All City/County, Local and Regional</td>
<td>Community, Economy, Critical Services</td>
<td>Limiting Water Accessibility (Physical Vulnerability to Water Outages)</td>
<td>Current Status</td>
<td>Lower value corresponds to lower risk</td>
<td>NA</td>
</tr>
<tr>
<td>Extreme Heat Both</td>
<td>All Regional, Local and Regional</td>
<td>All</td>
<td>Temporary to Limiting</td>
<td>Extreme Heat Days &amp; Warm Nights</td>
<td>Cal-Adapt</td>
<td>NA</td>
</tr>
<tr>
<td>Public Safety Power Shutdown (Related to Wildfire Risk) Shock</td>
<td>All City/County and Regional, Local and Regional</td>
<td>Community, Natural Environment</td>
<td>Limiting</td>
<td>Site-Specific</td>
<td>Public Safety Power Shutdown (Related to Wildfire Risk) Shock</td>
<td>NA</td>
</tr>
<tr>
<td>Drought Declaration and/or Water Conservation Emergency Regulations</td>
<td>Site-specific</td>
<td>Site-specific</td>
<td>Presence of active fault and/or liquefaction zone</td>
<td>California Geological Survey, California Department of Conservation</td>
<td>California Geological Survey, California Department of Conservation</td>
<td>NA</td>
</tr>
<tr>
<td>Hazardous Materials Release Shock</td>
<td>All Regional, Local and Regional</td>
<td>Community, Natural Environment</td>
<td>Temporary to Limiting</td>
<td>City Sites for permitted hazardous waste facilities in California</td>
<td>Permitted Hazardous Waste Facilities in California</td>
<td>NA</td>
</tr>
<tr>
<td>Infrastructure Failure: Power Utility Shock</td>
<td>All City/County, Local and Regional</td>
<td>Community, Economy, Critical Services</td>
<td>Limiting</td>
<td>County</td>
<td>Infrastructure Failure: Power Utility Shock</td>
<td>NA</td>
</tr>
<tr>
<td>Infrastructure Failure: Transportation Shock</td>
<td>All City/County, Local and Regional</td>
<td>Community, Economy, Critical Services</td>
<td>Limiting Pavement Condition Index (PCI)</td>
<td>Current Status</td>
<td>Higher value corresponds to lower risk</td>
<td>NA</td>
</tr>
<tr>
<td>Infrastructure Failure: Water Utility Shock</td>
<td>All City/County, Local and Regional</td>
<td>Community, Economy, Critical Services</td>
<td>Limiting Water Accessibility (Physical Vulnerability to Water Outages)</td>
<td>Current Status</td>
<td>Lower value corresponds to lower risk</td>
<td>NA</td>
</tr>
<tr>
<td>Pandemic</td>
<td>All Statewide, Local and Regional</td>
<td>NA NA</td>
<td>Current Public Health Orders</td>
<td>NA NA</td>
<td>Current Status</td>
<td>NA NA</td>
</tr>
<tr>
<td>Hazardous Materials Release Shock</td>
<td>All Regional, Local and Regional</td>
<td>Community, Natural Environment</td>
<td>Temporary to Limiting</td>
<td>City Sites for permitted hazardous waste facilities in California</td>
<td>Permitted Hazardous Waste Facilities in California</td>
<td>NA</td>
</tr>
<tr>
<td>Infrastructure Failure: Power Utility Shock</td>
<td>All City/County, Local and Regional</td>
<td>Community, Economy, Critical Services</td>
<td>Limiting</td>
<td>County</td>
<td>Infrastructure Failure: Power Utility Shock</td>
<td>NA</td>
</tr>
<tr>
<td>Infrastructure Failure: Transportation Shock</td>
<td>All City/County, Local and Regional</td>
<td>Community, Economy, Critical Services</td>
<td>Limiting Pavement Condition Index (PCI)</td>
<td>Current Status</td>
<td>Higher value corresponds to lower risk</td>
<td>NA</td>
</tr>
<tr>
<td>Infrastructure Failure: Water Utility Shock</td>
<td>All City/County, Local and Regional</td>
<td>Community, Economy, Critical Services</td>
<td>Limiting Water Accessibility (Physical Vulnerability to Water Outages)</td>
<td>Current Status</td>
<td>Lower value corresponds to lower risk</td>
<td>NA</td>
</tr>
<tr>
<td>Extreme Heat Both</td>
<td>All Regional, Local and Regional</td>
<td>All</td>
<td>Temporary to Limiting</td>
<td>Extreme Heat Days &amp; Warm Nights</td>
<td>Cal-Adapt</td>
<td>NA</td>
</tr>
<tr>
<td>Public Safety Power Shutdown (Related to Wildfire Risk) Shock</td>
<td>All City/County and Regional, Local and Regional</td>
<td>Community, Natural Environment</td>
<td>Limiting</td>
<td>Site-Specific</td>
<td>Public Safety Power Shutdown (Related to Wildfire Risk) Shock</td>
<td>NA</td>
</tr>
<tr>
<td>Drought Declaration and/or Water Conservation Emergency Regulations</td>
<td>Site-specific</td>
<td>Site-specific</td>
<td>Presence of active fault and/or liquefaction zone</td>
<td>California Geological Survey, California Department of Conservation</td>
<td>California Geological Survey, California Department of Conservation</td>
<td>NA</td>
</tr>
<tr>
<td>Hazardous Materials Release Shock</td>
<td>All Regional, Local and Regional</td>
<td>Community, Natural Environment</td>
<td>Temporary to Limiting</td>
<td>City Sites for permitted hazardous waste facilities in California</td>
<td>Permitted Hazardous Waste Facilities in California</td>
<td>NA</td>
</tr>
<tr>
<td>Infrastructure Failure: Power Utility Shock</td>
<td>All City/County, Local and Regional</td>
<td>Community, Economy, Critical Services</td>
<td>Limiting</td>
<td>County</td>
<td>Infrastructure Failure: Power Utility Shock</td>
<td>NA</td>
</tr>
<tr>
<td>Infrastructure Failure: Transportation Shock</td>
<td>All City/County, Local and Regional</td>
<td>Community, Economy, Critical Services</td>
<td>Limiting Pavement Condition Index (PCI)</td>
<td>Current Status</td>
<td>Higher value corresponds to lower risk</td>
<td>NA</td>
</tr>
<tr>
<td>Infrastructure Failure: Water Utility Shock</td>
<td>All City/County, Local and Regional</td>
<td>Community, Economy, Critical Services</td>
<td>Limiting Water Accessibility (Physical Vulnerability to Water Outages)</td>
<td>Current Status</td>
<td>Lower value corresponds to lower risk</td>
<td>NA</td>
</tr>
<tr>
<td>Pandemic</td>
<td>All Statewide, Local and Regional</td>
<td>NA NA</td>
<td>Current Public Health Orders</td>
<td>NA NA</td>
<td>Current Status</td>
<td>NA NA</td>
</tr>
<tr>
<td>Hazardous Materials Release Shock</td>
<td>All Regional, Local and Regional</td>
<td>Community, Natural Environment</td>
<td>Temporary to Limiting</td>
<td>City Sites for permitted hazardous waste facilities in California</td>
<td>Permitted Hazardous Waste Facilities in California</td>
<td>NA</td>
</tr>
<tr>
<td>Infrastructure Failure: Power Utility Shock</td>
<td>All City/County, Local and Regional</td>
<td>Community, Economy, Critical Services</td>
<td>Limiting</td>
<td>County</td>
<td>Infrastructure Failure: Power Utility Shock</td>
<td>NA</td>
</tr>
<tr>
<td>Infrastructure Failure: Transportation Shock</td>
<td>All City/County, Local and Regional</td>
<td>Community, Economy, Critical Services</td>
<td>Limiting Pavement Condition Index (PCI)</td>
<td>Current Status</td>
<td>Higher value corresponds to lower risk</td>
<td>NA</td>
</tr>
<tr>
<td>Infrastructure Failure: Water Utility Shock</td>
<td>All City/County, Local and Regional</td>
<td>Community, Economy, Critical Services</td>
<td>Limiting Water Accessibility (Physical Vulnerability to Water Outages)</td>
<td>Current Status</td>
<td>Lower value corresponds to lower risk</td>
<td>NA</td>
</tr>
</tbody>
</table>
Establishment of a Technical Advisory Committee

Following approval of the RAMP Policy Framework by the Regional Council, SCAG will establish a Technical Advisory Committee to advise on:

- SoCal Greenprint Tool’s Data Governance Standards
- Data Policies & User Guidelines
- Data Selection Criteria
- Process to Resolve Potential Divergent Perspectives on SoCal Greenprint Tool Data
- Data Parameters
Proposed Structure of the Technical Advisory Committee

TAC
At Least ONE REPRESENTATIVE from each of the following:

Caltrans

Each County Transportation Commission in the SCAG region

Each County Government in the SCAG region

City of Los Angeles and two other cities from each County in the SCAG region

Member of the environmental community with RAMP experience

Member of the business community
TAC Solicitation Process

• Consult with Subregions

• Formal invitation letters to public agency leads including:
  • Caltrans District Directors
  • CTC CEOs
  • City managers
  • County administrators

• Consult with the GLUE Council for Business Rep

• Consult with the Natural and Farm Lands Conservation Working Group for Environmental Rep
TAC Application

• Potential TAC members will be required to fill out a short application form about:
  • Experience developing and/or reviewing Environmental Impact Reports (EIRs)
  • Previous work in Regional Advance Mitigation
  • Experience using GIS and analyzing geographic data

• SCAG will determine final TAC membership.
Brown Act Requirements

• TAC members must submit a Form 700 Statement of Economic Interest;
• TAC members participating remotely will need to post an agenda of the meeting with sufficient notice ahead of TAC convenings, will need to include the location where they will be participating from in each meeting agenda and must allow this location to be publicly accessible during TAC meetings;
• TAC Meetings will be noticed and agendized consistent with the timing requirements under the Brown Act; and
• TAC Meetings will be conducted consistent with the Brown Act.
Timeline of this Effort

February 2, 2023
Regional Council approved the Regional Advance Mitigation Program (RAMP) Policy Framework and White Paper

EARLY 2023
Formation of the TAC, Relaunch of Greenprint tool development

SPRING 2023
First convening of the SoCal Greenprint TAC

SPRING – SUMMER 2023
3 half-day TAC workshops on a monthly basis
THANK YOU!

For more information, please visit:

www.scag.ca.gov/greenprint
www.scag.ca.gov/ramp-atg