



SOUTHERN CALIFORNIA
ASSOCIATION OF GOVERNMENTS
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www.scag.ca.gov

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REMOTE PARTICIPATION ONLY

ENERGY AND ENVIRONMENT COMMITTEE

Thursday, November 4, 2021
9:30 a.m. – 11:30 a.m.

To Attend and Participate on Your Computer:

<https://scag.zoom.us/j/317727062>

To Attend and Participate by Phone:

Call-in Number: 1-669-900-6833

Meeting ID: 317 727 062

***Please see next page for detailed
instructions on how to participate in the meeting.***

PUBLIC ADVISORY

Given the declared state of emergency (pursuant to State of Emergency Proclamation dated March 4, 2020) and local public health directives imposing and recommending social distancing measures due to the threat of COVID-19, and pursuant to Government Code Section 54953(e)(1)(A), the meeting will be held telephonically and electronically.

If members of the public wish to review the attachments or have any questions on any of the agenda items, please contact Maggie Aguilar at (213) 630-1420 or via email at aguilarm@scag.ca.gov. Agendas & Minutes are also available at: www.scag.ca.gov/committees.

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) 630-1420. 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.



Instructions for Public Comments

You may submit public comments in two (2) ways:

1. **In Writing:** Submit written comments via email to: EECPublicComment@scag.ca.gov by 5pm on Wednesday, November 3, 2021. You are **not** required to submit public comments in writing or in advance of the meeting; this option is offered as a convenience should you desire not to provide comments in real time as described below.

All written comments received after 5pm on Wednesday, November 3, 2021 will be announced and included as part of the official record of the meeting.

2. **In Real Time:** If participating in real time via Zoom or phone, during the Public Comment Period, use the “raise hand” function on your computer or *9 by phone and wait for SCAG staff to announce your name/phone number. SCAG staff will unmute your line when it is your turn to speak. Limit oral comments to 3 minutes, or as otherwise directed by the presiding officer.

If unable to connect by Zoom or phone and you wish to make a comment, you may submit written comments via email to: EECPublicComment@scag.ca.gov.

In accordance with SCAG’s Regional Council Policy, Article VI, Section H and California Government Code Section 54957.9, if a SCAG meeting is “willfully interrupted” and the “orderly conduct of the meeting” becomes unfeasible, the presiding officer or the Chair of the legislative body may order the removal of the individuals who are disrupting the meeting.

OUR MISSION

To foster innovative regional solutions that improve the lives of Southern Californians through inclusive collaboration, visionary planning, regional advocacy, information sharing, and promoting best practices.

OUR VISION

Southern California’s Catalyst for a Brighter Future

OUR CORE VALUES

Be Open | Lead by Example | Make an Impact | Be Courageous



Instructions for Participating in the Meeting

SCAG is providing multiple options to view or participate in the meeting:

To Participate and Provide Verbal Comments on Your Computer

1. Click the following link: <https://scag.zoom.us/j/317727062>
2. If Zoom is not already installed on your computer, click “Download & Run Zoom” on the launch page and press “Run” when prompted by your browser. If Zoom has previously been installed on your computer, please allow a few moments for the application to launch automatically.
3. Select “Join Audio via Computer.”
4. The virtual conference room will open. If you receive a message reading, “Please wait for the host to start this meeting,” simply remain in the room until the meeting begins.
5. During the Public Comment Period, use the “raise hand” function located in the participants’ window and wait for SCAG staff to announce your name. SCAG staff will unmute your line when it is your turn to speak. Limit oral comments to 3 minutes, or as otherwise directed by the presiding officer.

To Listen and Provide Verbal Comments by Phone

1. Call **(669) 900-6833** to access the conference room. Given high call volumes recently experienced by Zoom, please continue dialing until you connect successfully.
2. Enter the **Meeting ID: 317 727 062**, followed by #.
3. Indicate that you are a participant by pressing # to continue.
4. You will hear audio of the meeting in progress. Remain on the line if the meeting has not yet started.
5. During the Public Comment Period, press *9 to add yourself to the queue and wait for SCAG staff to announce your name/phone number. SCAG staff will unmute your line when it is your turn to speak. Limit oral comments to 3 minutes, or as otherwise directed by the presiding officer.

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ENERGY AND ENVIRONMENT COMMITTEE AGENDA

EEC - Energy and Environment Committee *Members – November 2021*

1. **Hon. David Pollock**
EEC Chair, Moorpark, RC District 46
2. **Hon. Deborah Robertson**
EEC Vice Chair, Rialto, RC District 8
3. **Hon. Cindy Allen**
Long Beach, RC District 30
4. **Hon. Ana Beltran**
Westmorland, ICTC
5. **Hon. Daniel Brotman**
Glendale, AVCJPA
6. **Hon. Margaret Clark**
Rosemead, SGVCOG
7. **Hon. Robert Copeland**
Signal Hill, GCCOG
8. **Hon. Maria Davila**
South Gate, GCCOG
9. **Hon. Ned Davis**
Westlake Village, LVMCOG
10. **Hon. Rick Denison**
Yucca Valley, SBCTA
11. **Hon. Julian Gold**
Beverly Hills, WSCCOG
12. **Hon. Shari Horne**
Laguna Woods, OCCOG
13. **Hon. Britt Huff**
Rolling Hills Estates, SBCCOG
14. **Hon. Jonathan Ingram**
Murrieta, WRCOG
15. **Hon. Dan Kalmick**
Huntington Beach, OCCOG

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ENERGY AND ENVIRONMENT COMMITTEE AGENDA

- 16. Hon. Joe Kalmick**
Seal Beach, RC District 20
- 17. Hon. Elaine Litster**
Simi Valley, VCOG
- 18. Hon. Diana Mahmud**
South Pasadena, SGVCOG
- 19. Hon. Cynthia Moran**
Chino Hills, SBCTA
- 20. Hon. Oscar Ortiz**
Indio, CVAG
- 21. Sup. Luis Plancarte**
Imperial County
- 22. Hon. Randall Putz**
Big Bear Lake, RC District 11
- 23. Sup. Carmen Ramirez**
Ventura County
- 24. Hon. Greg Rath**
Mission Viejo, OCCOG
- 25. Hon. Richard Rollins**
Port Hueneme, VCOG
- 26. Hon. Jesus Silva**
Fullerton, Pres. Appointment (Member at Large)
- 27. Hon. Sharon Springer**
Burbank, SFVCOG
- 28. Hon. Connor Traut**
Buena Park, OCCOG
- 29. Hon. John Valdivia**
San Bernardino, SBCTA
- 30. Hon. Edward Wilson**
Signal Hill, GCCOG

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ENERGY AND ENVIRONMENT COMMITTEE AGENDA

Southern California Association of Governments
Remote Participation Only
Thursday, November 4, 2021
9:30 AM

The Energy and Environment Committee may consider and act upon any of the items on the agenda regardless of whether they are listed as Information or Action items.

CALL TO ORDER AND PLEDGE OF ALLEGIANCE *(The Honorable David Pollock, Chair)*

PUBLIC COMMENT PERIOD

Members of the public are encouraged, but not required, to submit written comments by sending an email to: EECPublicComment@scag.ca.gov by 5pm on Wednesday, November 3, 2021. Such comments will be transmitted to members of the legislative body and posted on SCAG's website prior to the meeting. Any writings or documents provided to a majority of the Energy and Environment Committee regarding any item on this agenda (other than writings legally exempt from public disclosure) are available at the Office of the Clerk, located at 900 Wilshire Blvd., Suite 1700, Los Angeles, CA 90017 during normal business hours and/or by contacting the office by phone, (213) 630-1420, or email to aguilarm@scag.ca.gov. Written comments received after 5pm on Wednesday, November 3, 2021, will be announced and included as part of the official record of the meeting. Members of the public wishing to verbally address the Energy and Environment Committee in real time during the meeting will be allowed up to 3 minutes to speak, with the presiding officer retaining discretion to adjust time limits as necessary to ensure efficient and orderly conduct of the meeting. The presiding officer has the discretion to equally reduce the time limit of all speakers based upon the number of comments received. The total time period for all public comments related to items on the agenda and any other matter within the agency's subject matter jurisdiction is five (5) minutes. However, the presiding officer retains discretion to extend the 5-minute general comment period so that all members of the public desiring to speak may do so.

REVIEW AND PRIORITIZE AGENDA ITEMS

CONSENT CALENDAR

Approval Items

1. Minutes of the Meeting – October 7, 2021

INFORMATION ITEMS

2. U.S. Green Business Council Los Angeles: Wildfire Defense Education and Tours 30 Mins.
(Ben Stapleton, Executive Director, US Green Business Council's LA Chapter)



ENERGY AND ENVIRONMENT COMMITTEE AGENDA

3. Orange County Equity Map and Social Progress Index 20 Mins.
(Katie Kalvoda, President & Board Chair, AdvanceOC)

4. Southern California Goods Movement Communities Freight Impact Assessment 15 Mins.
(Alison Linder, Senior Regional Planner)

5. Water Supply and Drought Update 30 Mins.
(Danielle Dolan, Water Program Manager, Local Government Commission)

CHAIR'S REPORT

(The Honorable David Pollock, Chair)

STAFF REPORT

(Rachel Wagner, Regional Affairs Officer, SCAG Staff)

FUTURE AGENDA ITEMS

ANNOUNCEMENTS

ADJOURNMENT



Southern California Association of Governments
Remote Participation Only
November 4, 2021

**ENERGY AND ENVIRONMENT COMMITTEE
MINUTES OF THE MEETING
THURSDAY, OCTOBER 7, 2021**

THE FOLLOWING MINUTES ARE A SUMMARY OF ACTIONS TAKEN BY THE ENERGY AND ENVIRONMENT COMMITTEE (EEC). A DIGITAL RECORDING OF THE ACTUAL MEETING IS AVAILABLE AT: <http://scag.iqm2.com/Citizens/>.

The Energy and Environment Committee (EEC) of the Southern California Association of Governments (SCAG) held its regular meeting virtually (telephonically and electronically), given the declared state of emergency (pursuant to State of Emergency Proclamation dated March 4, 2020) and local public health directives imposing and recommending social distancing measures due to the threat of COVID-19, and pursuant to Government Code Section 54953(e)(1)(A). A quorum was present.

Members Present

Hon. David Pollock, Moorpark (Chair)	District 46
Hon. Deborah Robertson, Rialto (Vice Chair)	District 8
Hon. Cindy Allen, Long Beach	District 30
Hon. Ana Beltran, Westmoreland	ICTC
Hon. Daniel Brotman, Glendale	AVCJPA
Hon. Margaret Clark, Rosemead	SGVCOG
Hon. Robert Copeland, Signal Hill	GCCOG
Hon. Ned Davis, Westlake Village	LVMCOG
Hon. Rick Denison, Yucca Valley	SBCTA
Hon. Julian Gold, Beverly Hills	WSCCOG
Hon. Shari Horne, Laguna Woods	OCCOG
Hon. Britt Huff, Rolling Hills Estates	SBCCOG
Hon. Dan Kalmick, Huntington Beach	OCCOG
Hon. Joe Kalmick, Seal Beach	District 20
Hon. Elaine Litster, Simi Valley	VCOG
Hon. Diana Mahmud, South Pasadena	SGVCOG
Hon. Cynthia Moran, Chino Hills	SBCTA
Hon. Oscar Ortiz, Indio	CVAG
Sup. Luis Plancarte	Imperial County
Hon. Randall Putz, Big Bear Lake	District 11



Sup. Carmen Ramirez	Ventura County
Hon. Greg Raths, Mission Viejo	OCCOG
Hon. Jesus Silva, Fullerton	President’s Appointment
Hon. Sharon Springer, Burbank	SFVCOG
Hon. Connor Traut, Buena Park	OCCOG
Hon. John Valdivia, Signal Hill	GCCOG
Hon. Edward H.J. Wilson, Signal Hill	GCCOG

Members Not Present

Hon. Victoria Baca, Moreno Valley	WRCOG
Hon. Maria Davila, South Gate	GCCOG
Hon. Richard Rollins, Port Hueneme	VCOG

CALL TO ORDER AND PLEDGE OF ALLEGIANCE

Chair David Pollock called the meeting to order at 9:30 a.m. Staff confirmed a quorum was present. Policy Committee Member, Sharon Springer, Burbank, SFVCOG, led the Pledge of Allegiance.

Chief Counsel Michael Houston read a statement for the record on the basis for holding this meeting pursuant to recent amendments to the Brown Act, noting the current recommended social distancing measures and existing declared state of emergency.

PUBLIC COMMENT PERIOD

Chair Pollock opened the Public Comment Period.

Staff informed Chair Pollock that SCAG had received 42 written comments before the 5:00 p.m. deadline and 3 comments after the 5:00 p.m. deadline.

Mr. Ian Achimore, from the Santa Ana Watershed Project Authority addressed the Committee regarding a grant opportunity from the state called Proposition 1, Round 2, Integrated Regional Water Management. He stated there were about \$200 million available for Southern California and were looking for projects that tackled climate change and water resources.

Chief Counsel Michael Houston informed the Chair there was a comment in the chat on Zoom asking if public comments for individual items would be taken. He clarified that SCAG allowed a general comment period at the beginning of an agenda, unless there was a public hearing, which was not the case for [the EEC] agenda. He then stated if there was any member of the public that wanted to speak on any item on the agenda or within the subject matter jurisdiction of the Committee they were being asked to speak at that time.

Andy Henderson addressed the members regarding Greenprint. He stated that continuing the pause on the matter was a potentially good move from their point of view. He asked that they consider whether the list of datasets could be taken down while the process of pausing and revisiting the Greenprint unfolded in the following weeks. He stated they did not want that data to continue being posted on SCAG's website in draft form due to its prejudicial nature. He asked that they consider that in their discussion.

Luis Portillo, from the Inland Empire Economic Partnership raised concerns regarding Greenprint, specifically the way it was developed and some of the problems that had arisen thus far. He expressed that the way it was being developed would undermine local governments abilities to make land use decisions within their own cities. He stated they thought that was a fundamental responsibility to local governments.

Richard Lambros, on behalf of the California Leadership Council, stated he had similar comments to what had been shared. He clarified the business community was not opposed to the Greenprint. He stated the concerns and objections they were hearing were where they were in the process. He stated they wanted to get the policy in place from the leaders so there was clear direction where this was going and how it would be used. He stated the Greenprint was on a timeline of their choosing and they could take the pause and get it right.

Chair Pollock confirmed the 10-minute comment period window had passed.

Seeing there were no public comment speakers, Chair Pollock closed the Public Comment Period.

REVIEW AND PRIORITIZE AGENDA ITEMS

There were no requests to prioritize agenda items.

CONSENT CALENDAR

Approval Items

1. Minutes of the Meeting - September 2, 2021

Receive and File

2. Third Quarterly Update on Climate Change Action Resolution Activities
 3. Californians for Community Planning Voter Initiative
-

A MOTION was made (Robertson) to approve the Consent Calendar. Motion was SECONDED (Huff) and passed by the following votes:

AYES: Allen, Beltran, Brotman, Clark, Copeland, Denison, Gold, Horne, Huff, Ingram, D. Kalmick, J. Kalmick, Litster, Mahmud, Moran, Ortiz, Plancarte, Pollock, Putz, Ramirez, Rath, Robertson, Silva, Springer and Traut (25)

NOES: None (0)

ABSTAINS: None (0)

ACTION ITEMS

4. Connect SoCal CEQA Addendum No. 2 to Programmatic Environmental Impact Report (State Clearinghouse #2019011061)

RECOMMENDED ACTION:

Recommend that the Regional Council adopt draft Resolution to approve the Addendum #2 to the Connect SoCal Program Environmental Impact Report (PEIR)

Karen Calderon, Associate Regional Planner, provided a brief presentation on Agenda Item No. 4, in which staff was seeking EECs approval of Addendum No. 2, to the Connect SoCal Environmental Impact Report. She stated no comments had been received and there had only been one revision between the draft version and the proposed final version she was presenting that day. The revision was an addition of a footnote on page 4 to clarify how the project modifications were defined in the project description.

A MOTION was made (Allen) to approve Item No. 4. Motion was SECONDED (J. Kalmick) and passed by the following votes:

AYES: Allen, Beltran, Brotman, Clark, Copeland, Denison, Gold, Horne, Huff, Ingram, D. Kalmick, J. Kalmick, Litster, Mahmud, Moran, Ortiz, Plancarte, Pollock, Putz, Ramirez, Rath, Robertson, Silva, Springer, Traut and Wilson (26)

NOES: None (0)

ABSTAINS: None (0)

5. Transportation Conformity Determination of Proposed Final Connect SoCal Amendment #1 and 2021 FTIP Consistency Amendment #21-05

RECOMMENDED ACTION:

Recommend that the Regional Council adopt the transportation conformity determination of the Connect SoCal Amendment #1 and the 2021 Federal Transportation Improvement Program Consistency Amendment #21-05 at its November 4, 2021, meeting; and thereafter direct staff to submit it to the Federal Highway Administration and Federal Transit Administration for approval.

Rongsheng Luo, Program Manager II, provided a brief presentation on Item No. 5 in which staff was seeking recommendation from the EEC that the Regional Council adopt the transportation conformity determination of the Proposed Final Amendments at its meeting on November 4, 2021, and that following the adoption by the Regional Council the transportation conformity determination would be submitted to the Federal Highway Administration and the Federal Transit Administration (FHWA/FTA) for their final approval.

A MOTION was made (Ramirez) to approve Item No. 5. Motion was SECONDED (Huff) and passed by the following votes:

AYES: Allen, Beltran, Brotman, Clark, Copeland, Denison, Gold, Horne, Huff, Ingram, D. Kalmick, J. Kalmick, Litster, Mahmud, Moran, Ortiz, Plancarte, Pollock, Putz, Ramirez, Rath, Robertson, Silva, Springer, Traut and Wilson (26)

NOES: None (0)

ABSTAINS: None (0)

INFORMATION ITEMS**6. SoCal Greenprint Update**

Jason Greenspan, Manager of Sustainable and Resilient Development, provided a report summarizing and describing the SoCal Greenprint Project. He also provided a recap of the Regional Councils action in July, reviewed the regional policy framework, described the outreach process and the feedback received, discussed the data vetting process staff wanted to apply, the next steps and the updated staff recommendation.

Policy Committee Member Carmen Ramirez, Ventura County, asked staff member Greenspan to enhance his discussion about publicly available information because she thought that was one of the issues they would hear about. Mr. Greenspan stated it had been their priority to make sure they provided links to datasets that were publicly available that were existing. He reiterated that when they say public information it would be accessible, existing, and open at that moment. Policy Committee Member Ramirez asked if this was not currently compiled in one place. Mr. Greenspan confirmed that was the case and the Greenprint would centralize that information into one tool.

Policy Committee Julian Gold, Beverly Hills, WSCCOG, stated that the PowerPoint Presentation slide that touched on outreach, suggested they had 4,200 requests for response but in the data that followed, their ends were very small. He asked if this suggested that out of 4,200 they sent out they only got a response from a handful. Mr. Greenspan stated that was correct. He stated they kept the survey open for at least two weeks and wanted to make sure they were being responsive to the direction from the Regional Council to get feedback. He stated this had been one of the ways they had done that in addition to the public hearing. Policy Committee Member Gold stated he appreciated the effort but that sort of response from a survey of that magnitude was not only insignificant but irrelevant because it was skewed by people with a very strong focus one way or the other. He suggested that if they paused again, they take some time to see if they could increase that number to get something that was truly representative of 4,200.

Policy Committee Elaine Litster, Simi Valley, VCOG, stated she agreed with Policy Committee Member Gold that there was concern regarding statistical significance. She stated 27% expressed concern over data content and asked what specific data caused concern. Mr. Greenspan stated they asked a specific question for feedback on datasets. He stated he thought it was a general expression of concern about datasets overall. Staff member Kimberly Clark, Program Manager of Resource Conservation Resilient Communities, stated they had some concerns regarding the data layers conveyed through the survey, recommendations on using other data layers, and concern about using NGO and non-profit derived data layers.

Policy Committee Member Britt Huff, Rolling Hills Estates, SBCCOG, stated she was pleased to see the data tool identifying landscape features important to residents and communities.

Policy Committee Diana Mahmud, South Pasadena, SGVCOG, recommended that the composition of the advisory task group be comprised of one representative from each of the five stakeholder groups that had been identified. She also recommended that group continue in existence such that a user of the Greenprint, that had significant concerns, would have the ability to contest the inclusion of datasets and review would be undertaken by the advisory task group.

Chair Pollock asked how much overlap there was between the Greenprint and the CalEnviroScreen. Ms. Clark stated they were using the CalEnviroScreen data. She stated they were in close contact and coordination with CalEPA. She stated once the newer version of CalEnviroScreen was available it would be used in the tool.

7. Regional Early Action Program (REAP) 2021 Program Development Framework

Sarah Jepson, Planning Director, provided an update on Item No. 7 and indicated the SCAG region's share of the REAP grant funds was \$246 million, which 10 percent would be available in January 2022. She further highlighted that to meet the core objectives as identified in the staff report, staff was considering three main programmatic areas that they would be bringing to stakeholders for discussion once they had clearer guidance from the State on program guidelines.

Vice Chair Deborah Robertson, Rialto, District 8, wanted to know how they connected their educational aspect into REAP. She wanted to know how they engaged their schools as part of this process. Ms. Jepson stated they were looking at ways they could work a lot more closely with community-based organizations to do outreach for their programs. She stated they had stronger connections with parent organizations and groups working at schools to help them understand the ways in which planning could support some of their other priorities.

8. Environmental Justice/Communities of Concern Update

Ms. Jepson introduced the item and staff member Anita Au, Senior Regional Planner, presented an overview and update on SCAGs Environmental Justice (EJ) efforts, which are intended to lay the foundation for future policy discussions on advancing the EAP goals through enhancement of SCAG's EJ policies, analysis and programs as part of the development of the 2024 Connect SoCal-SCAG's Regional Transportation Plan and Sustainable Communities Strategy, and other related efforts.

Policy Committee Member Margaret Clark, Rosemead, SGVCOG, commented on funding for mileage-based user fees and disadvantaged communities. She stated that if they placed mileage-based user fees it would really hurt the communities of color and disadvantaged communities. She stated they had to take this into consideration as they were considering the effects on disadvantaged communities.

9. Mobility Innovations & Pricing: An Initiative to Elevate Equity in Planning

Jaimee Lederman, Senior Regional Planner, provided an overview on SCAGs recent work on Mobility Innovations and Pricing initiatives. She covered the mobility innovations concepts and provided information on community based driven engagement and outreach. She also addressed the issue of understanding the travel of underrepresented communities.

Policy Committee Member Clark once again expressed her concerns on the effects this would have on the communities of color.

Chair Pollock stated that going forward with Vehicle Miles Traveled (VMT) they were going to have to show how it compares to the gas tax, which was supposed to phase out as they phased in VMT. He stated this was going to be the key to making this acceptable to the public.

Policy Committee, Edward H.J. Wilson, Signal Hill, GCCOG, stated he doubted there would be a tradeoff between taxes. He suggested they look into a tire or wheel tax as it would get to multi-transportation vehicles.

CHAIR'S REPORT

Chair Pollock provided an update on how SCAG's Policy Committees would be staffed and provided a direct link to the Executive Administration Committee. He stated EEC along with the other two standing policy committees would be receiving extra support from the Government Affairs team in conjunction with [the] Planning [Department]. He stated they had been assigned lead staff from both departments, Planning Director Sarah Jepson would be the planning lead and Rachel Wagner would serve as the committees dedicated staff member. He stated these changes had been made to streamline the agenda process, provide additional support and follow-up, and ensure expanded policy leadership for Committee Chairs and Vice Chairs.

STAFF REPORT

Rachel Wagner informed the members that registration was open for the 12th Annual Southern California Economic Summit. She stated the theme this year would be "From Inclusive Recovery to Inclusive Growth." She shared the event would be held virtually on Thursday, December 2, from 9:00 a.m. - to noon. Furthermore, she stated Elected Officials and City Managers would be receiving complimentary registration.

FUTURE AGENDA ITEMS

Policy Committee Member Ramirez stated she was associated with the Water Education for Latino Leaders and stated that if any elected official had a Latino constituency, they were Latino Leaders. She shared there was a free webinar coming up about jobs in the water industry.

Vice Chair Robertson asked that they could have a briefing to talk about the legislative path they would take to give their local jurisdiction the opportunity to manage and regulate tolling for congestion management on local roads.

ANNOUNCEMENTS

Chair Pollock shared he would be ending the meeting on a sad note. He stated he had just learned that Victoria Baca, Mayor Pro Tem of Moreno Valley, passed away the day before. He stated she was a member of [EEC] and was the first Hispanic woman to serve on the Moreno Valley City Council, and left behind a daughter, three grandchildren and one great grandchild. He stated their thoughts and prayers were with her family and loved ones.



ADJOURNMENT

There being no further business, Chair Pollock adjourned the Energy and Environment Committee meeting in memory of Victoria Baca at 11:41 a.m.

[MINUTES ARE UNOFFICIAL UNTIL APPROVED BY THE EEC]

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ENERGY AND ENVIRONMENT COMMITTEE ATTENDANCE REPORT

2021-22

MEMBERS	Representing	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	April	May	Total Mtgs Attended To Date
Allen, Cindy	Long Beach, District 30	1	1		0	1								3
Baca, Victoria	Moreno Valley, WRCOG	1	1		0	0								2
Beltran, Ana	Westmoreland, ICTC	1	0		0	1								2
Brotman, Daniel	Glendale, AVCJPA	1	1		1	1								4
Clark, Margaret	Rosemead, SGVCOG	1	0		1	1								3
Copeland, Robert	Signal Hill, GCCOG	1	1		1	1								4
Davila, Maria	South Gate, GCCOG	0	0		0	0								0
Davis, Ned	Westlake Village, LVMCOG	1	1		1	0								3
Denison, Rick	Yucca Valley, SCBTA	1	1		0	1								3
Gold, Julian	Beverly Hills, WSCCOG	1	1	D	1	1								4
Horne, Shari	Laguna Woods, OCCOG	1	1		1	1								4
Huff, Britt	Rolling Hills Estates, SCBCOG	1	1	A	1	1								4
Ingram, Jonathan	Murrieta, WRCOG				1	1								2
Kalmick, Dan	Huntington Beach, OCCOG	1	1		1	1								4
Kalmick, Joe	Seal Beach, District 20	1	1	R	1	1								4
Litster, Elaine	Simi Valley, VCOG	1	0		1	1								3
Mahmud, Diana	So. Pasadena, SGVCOG	1	0	K	1	1								3
Moran, Cynthia	Chino Hills, SBCTA	1	1		1	1								4
Ortiz, Oscar	Indio, CVAG	1	1		1	1								4
Plancarte, Luis	Imperial County	1	1		1	1								4
Pollock, David (CHAIR)	Moorpark, VCOG	1	1		1	1								4
Putz, Randall	Big Bear Lake, District 11	1	1		1	1								4
Ramirez, Carmen	Oxnard, RC District 45	1	1		1	1								4
Raths, Greg	Mission Viejo, OCCOG	1	1		1	1								4
Robertson, Deborah	Rialto, RC District 8	1	1		1	1								4
Rollins, Richard	Port Hueneme, VCOG	1	1		1	0								3
Silva, Jesus	Fullerton, President's Appointment	1	1		1	1								4
Springer, Sharon	Burbank, SFVCOG	1	0		1	1								3
Traut, Connor	Buena Park, OCCOG	1	1		1	1								4
Valdivia, John	San Bernardino, SBCCOG	0	1		1	0								2
Wilson, Edward H.J.	Signal Hill, GCCOG	1	1		0	1								2



AGENDA ITEM 2
REPORT

Southern California Association of Governments
Remote Participation Only
November 4, 2021

To: Energy and Environment Committee (EEC)

EXECUTIVE DIRECTOR'S
APPROVAL

From: Kimberly Clark, Program Manager I
(213) 236-1844, clark@scag.ca.gov

Subject: U.S. Green Business Council Los Angeles: Wildfire Defense Education and
Tours

RECOMMENDED ACTION:

Information Only – No Action Required.

STRATEGIC PLAN:

This item supports the following Strategic Plan Goal 1: Produce innovative solutions that improve the quality of life for Southern Californians.

EXECUTIVE SUMMARY:

Ben Stapleton, Executive Director of the U.S. Green Building Council Los Angeles chapter (USGBC-LA), will present an overview of USGBC-LA's Wildfire Defense Education and Tours program which aims to bring together Southern California residents, the real estate industry, and the green building community together to take effective actions to save lives and property while mitigating fire risk. The program is designed to empower property owners, designers, and managers to proactively reduce wildfire hazards to minimize the loss of property and life, which helps to realize Connect SoCal's goal for the region to adapt to a changing climate and is in line with the Regional Council's unanimously adopted Climate Action Resolution No. 21-628-1.

BACKGROUND:

Extended dry heat days and extreme wildfires represent the most tangible and immediate examples of how climate change is impacting the SCAG region's health, safety and economic welfare. In 2020, California's record number of dry heat days increased overall fire risk to the highest degree that the state has ever endured. Moreover, California experienced over 6,000 fires that burned millions of acres, making 2020 the largest wildfire season recorded in the state's modern history, according to the California Department of Forestry and Fire Protection.¹ Economic costs attributable to these wildfires are estimated to sum to \$10 billion dollars in 2020² with impacts also including damage to property, increased costs of health care, business disruption, lost tax revenue, and decreased property values. There have been more than 1,200 preventable deaths from respiratory illnesses directly linked to last year's wildfire smoke.³ Those experiencing the most severe COVID-19

outcomes are even more vulnerable to respiratory maladies exacerbated by long-term wildfire smoke exposure. Residents in SB 535 Disadvantaged Communities (DACs), who have historically been over-burdened by environmental hazards, are particularly vulnerable.

The SCAG region now faces a 365-days-a-year fire season with devastating and potentially deadly consequences. There are, however, steps that can be taken to protect properties, mitigate the region's fire danger, and increase the the region's resilience.

In January 2021, SCAG's Regional Council unanimously adopted a resolution affirming a climate emergency in Southern California and called on local and regional partners to join together to improve regional resilience and reduce hazards from a changing climate. This action builds on Connect SoCal's Sustainable Communities Strategy, which supports development of local climate adaptation and hazard mitigation plans as well as project implementation that improves community resiliency to climate change and natural hazards. Indeed, architects, builders, developers, urban planners, and landscapers have critical roles to play and the green building community is taking action. The U.S. Green Building Council Los Angeles (USGBC-LA) chapter aims to promote sustainability in Los Angeles County's built environment by delivering access to knowledge, resources, recognition, and networking. Members consist of a diverse group of stakeholders in building and urban design, construction, and operations – all working together to transform Southern California into a more sustainable region for all.

The region's residents, the real estate industry, and the green building community can take effective actions to save lives and property while mitigating fire risk. USGBC-LA's *Wildfire Defense Education and Tours* program increases awareness by providing knowledge, reducing confusion, and infusing communities with hope and support. Content is designed to empower property owners, designers, and managers to proactively reduce wildfire hazards to minimize the loss of property and life.

USGBC-LA's tours showcase specific risk reduction strategies, including the latest home-hardening and Firewise landscaping strategies to professionals as well as the public. These tours are supported by webinars designed to dispel myths and offer clear, substantive guidance for fire mitigation and safety. Attendees can learn such items as:

- The importance of location in relation to fire pathways
- Simple vs. complex design to minimize building heat traps
- Low ignition materials and sealed building envelope
- Effective defensible space Strategic (Firewise native) plant choice and placement
- Removal of highly flammable and invasive grasses and trees

FISCAL IMPACT:

None.



ATTACHMENT(S):

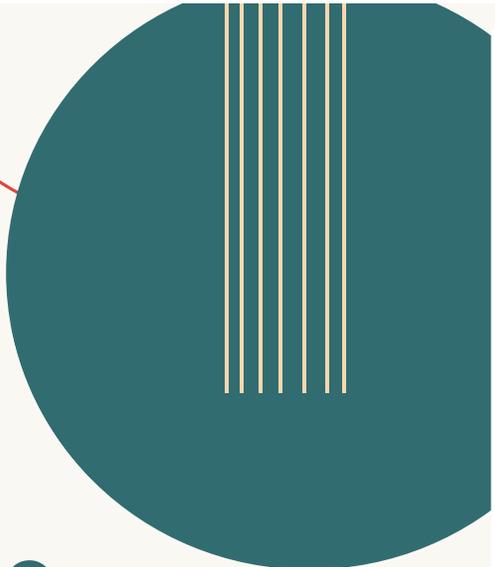
1. PowerPoint Presentation - USGBC_WFD_SCAG_Fall2021



Accelerate Firewise Development

SCAG Energy & Environment Committee

November 4, 2021



WHO WE ARE:



USGBC-LA is about people – Passionate, practical, and informed professionals and advocates who work together to transform Southern California into a more sustainable region for all.

USGBC-LA is the best place for anyone to learn the “why”, “who” and “how” of living sustainably because business as usual is no longer an option.

Our members and volunteers believe in creating a more sustainable built environment through education, innovation, and impactful action.



join us for an upcoming meeting

USGBC-LA COMMITTEES

to become a changemaker in your community

ADVOCACY

The Committee identifies and works on local and regional initiatives that affect the built environment with a range of officials and professionals.

DIVERSITY, EQUITY, & INCLUSION

This committee prepares and coalesces change agents in the fight for environmental, socio-economic, and racial equity, with a specific focus on the green building sector.

LASER

Los Angeles Sustainability Executives Roundtable (LASER) gathers corporate sustainability leaders to empower and support a stronger focus on sustainability and environmental stewardship as sound business principles.

LEGACY PROJECT

The annual Legacy Project is a gift to historically excluded communities in our region intended to foster environmental, economic, and social sustainability across LA's diverse neighborhoods.

BUILDING DECARB

The Committee collaboratively advances education, policy and programs on building decarbonization for the greater LA region through education, technology & tools, policy & advocacy, and materials & products.

EMERGING PROFESSIONALS

This committee convenes fresh new perspectives from some of the brightest minds rising in our sector. They support all of our Committees and serve as a pipeline for emerging talent to grow into leadership positions.

URBAN LANDSCAPE

The Committee seeks to protect and expand access to high-quality green space. Our focus will be in the places where nature can have the greatest impact on community health and resilience—our public schools and youth in our local, historically excluded communities.

CONSTRUCTION

The Committee provides a space for collaboration to advance sustainability in construction for the greater Los Angeles Region through education, leadership, and access to resources.

GREEN SCHOOLS

The Committee's mission is to engage Southern California schools in a dialogue that encourages the growth of a sustainable school system, which includes the health and well-being of the students and the buildings in which they attend.

WOMEN IN GREEN

The Women in Green Committee provides a forum for women and allies to make an impact in Los Angeles, build networks, celebrate women leaders and create healthy, inclusive, sustainable, resilient communities for all.



webinars

EDUCATION & TRAINING

via USGBC-LA's talent portal

NOVEMBER

11/3 - SoFi Stadium Sustainability Tour (in-person)

11/10 - Women in Green Steadfast and Strong: Celebrating a Decade Together

11/15 - America Recycles Day TRUE Zero Waste Training

DECEMBER

12/3 - GPRO Fundamentals Certification - Training + Exam

12/8 - USGBC-LA Annual Green Gala & Sustainable Innovation Awards

12/10 - LEED Accredited Professional (AP) Exam Virtual Training



check out our

TALENT PORTAL

LEARN HOW TO BUILD THE FUTURE

USGBC-LA sees it as a critical part of our mission to help develop our regional talent into the globally leading green workforce we know it is and can continue to be. Check here regularly for the latest job postings, featured local employers, and upcoming industry training as well as to forge connections through mentorship and member spotlights.



Visit us at: www.usgbc-la.org/talent



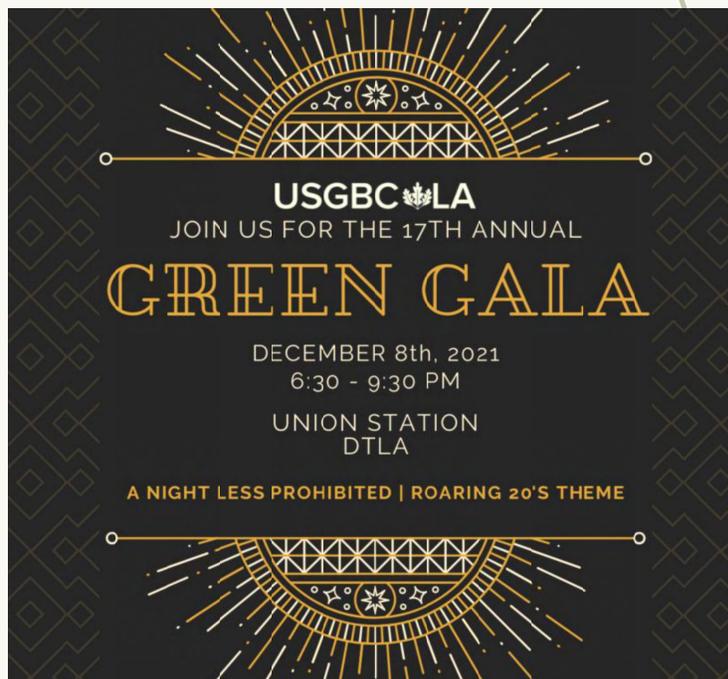
join us for our 17th annual

Green Gala

on Dec 8th, 2021!

Early-Bird pricing ends on October 17th!

Apply now for the Sustainable Innovation Awards or our Community awards at the link below!



learn more at: usgbc.la/greengala21



Green Community

leverage us to make systemic change

Our members and volunteers, comprised of a diverse set of real estate, planning, and construction professionals, believe in creating a more sustainable built environment through education, innovation, and impactful action.



Visit us at: www.usgbc-la.org



Green Community

leverage us to make systemic change

79M+ Square Feet of LEED Certified Buildings

29,906 Certified LEED Professionals

Consistent Growth

Compelling Impact



visit us at: www.usgbc-la.org



TOURS & EDUCATION

began with aiding resilience

2017-2019

Rebuilding Workshops post
Woolsey and Thomas Fires

One-to-one expert
consultations & support

Theodore Payne Garden Tour



visit us at: www.usgbc-la.org



TOURS & EDUCATION

evolved to encourage prevention

2020

Best Practices Webinar

Home+Garden Tours

Municipal Green Building
Conference & Expo



visit us at: www.usgbc-la.org



MINI-CONFERENCE

to convene to inspire, inform and activate

June 17, 2021, 2-6 PM

California USGBC Chapters

Regional Tours

Expert Panels & Speakers

Convene Stakeholders



<https://usgbc-la.org/initiative/wildfire-defense-education-tours/>



FORUM & VIRTUAL TOUR

Focused on the Inland Empire

October 21, 2021, 4-6 PM

San Bernardino County Fire

Wildwood Watchers Firewise Community

CA Native Landscaping

Interview with a Realtor

WILDFIRE DEFENSE FORUM & VIRTUAL TOUR

In the midst of another record year for fires here in California, please join us for a deep dive on Wildfire Defense and Education in the Inland Empire as we unpack best practices for home hardening and landscape maintenance, while also exploring issues around private property abutting public land, and more.

OCTOBER 21ST, 2021
4:00PM - 5:30PM PT

JOIN US VIRTUALLY FOR:

- VIDEO TOURS
- SPEAKERS FROM OUR LOCAL FIRE PREVENTION COMMUNITY
- INDUSTRY EXPERTS
- RESIDENT PERSPECTIVES

<https://usgbc-la.org/initiative/wildfire-defense-education-tours/>



WILDFIRE DEFENSE CERTIFICATION

to build firewise professional expertise

CONTRACTORS

- Home Hardening Best Practices
- Firewise Design
- Low Ignition Materials
- Building Envelope
- Homeowner Education

LANDSCAPERS

- Fire Resistant & Native Plants
- Defensible Space
- Strategic Tree Canopy
- Reduced Hardscape
- Firewise Maintenance



visit us at: www.usgbc-la.org



Attachment: PowerPoint Presentation - USGBC_WFD_SCAG_Fall2021 (U.S. Green Business Council Los Angeles: Wildfire Defense Education

Wildfire Defense Toolkit

to create a firewise space

A COMPILATION OF RESOURCES

with measures homeowners and residents can take to reduce fire damage covering:

- Defensible Space
- Home Hardening Strategies
- Fire Resistant Landscape
- Emergency Preparedness and Evacuation

From **CALFIRE, FEMA, NFPA** and other resources



download at: usgbc.la/wildfiredefense



GREEN BUILDING TRENDS

building momentum for change

Materials

Transparency, evolution of environmental product declarations (EPD's), localization, and embodied carbon

Smart Homes

Indoor & outdoor air quality sensors, irrigation, fire suppression

Energy

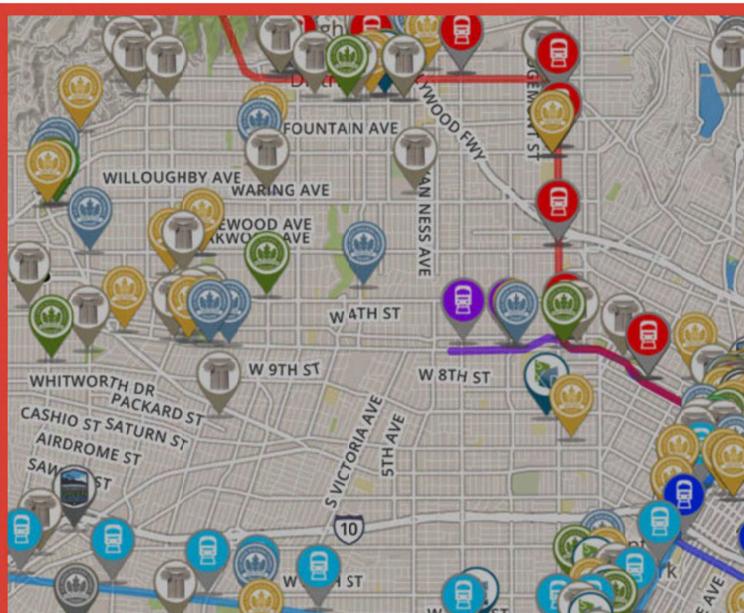
Microgrids, solar, increased efficiency and net zero policy

Health

Environmental impacts, benefits of access to nature, native plants



the relaunch of **ECOMAPLA**



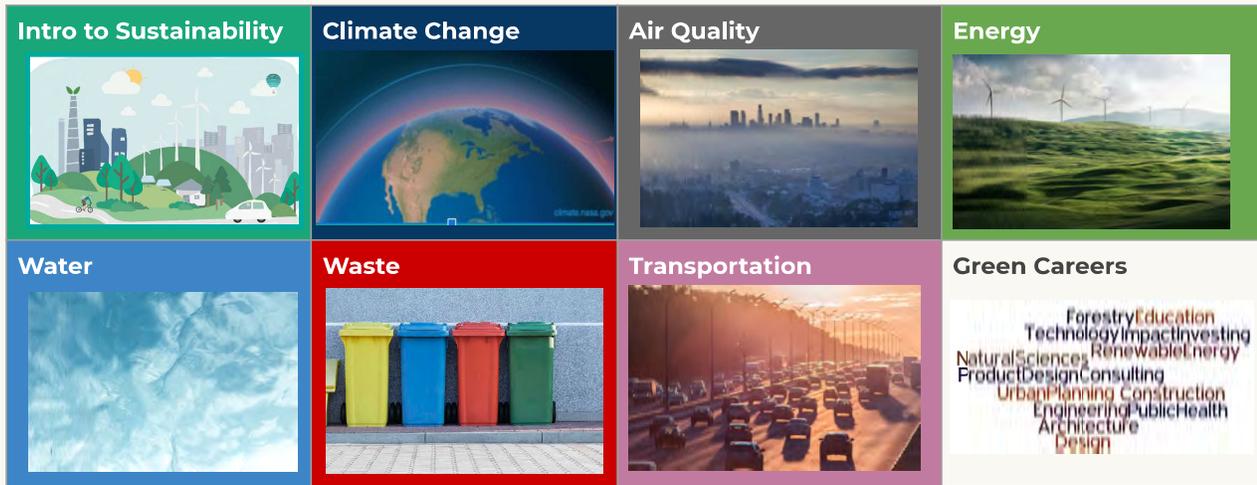
EcoMapLA

Residents and visitors, students and professionals alike can explore the city with self-guided tours, transportation routes, and visitor information to experience LA's green efforts and follow our collective sustainability story! From iconic Muscle Beach in Venice, to Columbia Square in Hollywood (LEED Gold), to Bikeshare (Grand/14th St.), click on a location for a description (with images), the address (with directions), and links to additional information (including the details on building features, images, video, LEED scorecards, and more).

[Open Map](#)

Sustainability Fundamentals

90-minute workshops introduce students to the goals, principles, and practical applications of sustainability covering the topics:



* The content and language of the presentations were adapted for each audience as appropriate.



Green Schools Initiative How to get involved

- Teachers and Schools Request a Workshop on our website: <https://usgbc-la.org/initiative/green-schools/>
- We follow up and schedule the workshop according to the school's and speakers availability - 2 speakers per each session of 45 minutes.
- After the workshop teachers receive access to the Learning Lab website with great resources for continuing sustainability education and a post workshop survey with information on LADWP programs and rebates

Sustainability Fundamentals Workshops - 2021 Calendar						
School Name	Location, District	Grade (s)	# of students	Workshop Format (ONLINE)	2020	
8 Braddock Drive Gifted Magnet	Braddock Drive, AUSD	Elementary (K-5)	20	45 min (2 sessions)	Session #1: 3/2 11:30am - 1:15pm Speaker #1: Ravi Bajaj Speaker #2: Jane Reschen	Session #2: 3/3 12:30pm - 1:15pm Speaker #1: Alex Sassoon Speaker #2: Ravi Bajaj
9 Dayton Heights Elementary School	Dayton Heights, AUSD	Elementary (K-5)	28	45 min (2 sessions)	Session #1: 3/11 12:45pm - 1:30pm Speaker #1: Jane Reschen Speaker #2: Ravi Bajaj	Session #2: 3/18 12:45pm - 1:30pm Speaker #1: Mat Kilivris Speaker #2: Ravi Bajaj
10 Taft Charter HS	Taft Charter HS, AUSD	High School (9-12)	50	45 min (2 sessions)	Session #1: 3/19 11:45am - 12:30pm Speaker #1: Duke Graham Speaker #2: Jane Reschen	Session #2: 3/24 11:45am - 12:30pm Speaker #1: Alex Sassoon Speaker #2: Stuart Cooley
11 Braddock Drive	Braddock Drive, AUSD	Elementary (K-5)	24	45 min (2 sessions)	Session #1: 3/26 11am - 11:45am Speaker #1: Ryan Tnus Speaker #2: Holly Hill	Session #2: 4/2 1am - 11:45am Speaker #1: Ryan Tnus Speaker #2: Wayne Aldredge
12 Maywood Center for Enriched Studies	MacCDO - AUSD East	Middle School (6-8)	120	45 min (2 sessions)	Session #1: 3/24 9:30am - 10:15am Speaker #1: Alex Sassoon Speaker #2: Jane Reschen	Session #2: 3/26 9:30am - 10:15am Speaker #1: Duke Graham Speaker #2: Alex Sassoon

Sustainability professionals can also apply to be part of the speakers bureau and receive appropriate training

usgbc-la's

GREEN BUILDING CORPS

goals



30-40

Students, unemployed or underemployed professionals served every year



700

Volunteered or worked hours per cohort (12 weeks)



100%

Mentor and mentee matchmaking



80%

Diversity among participants



80%

Positioning themselves for sustainability jobs



10+

Companies engaged every year



join us for our 17th annual

Green Gala

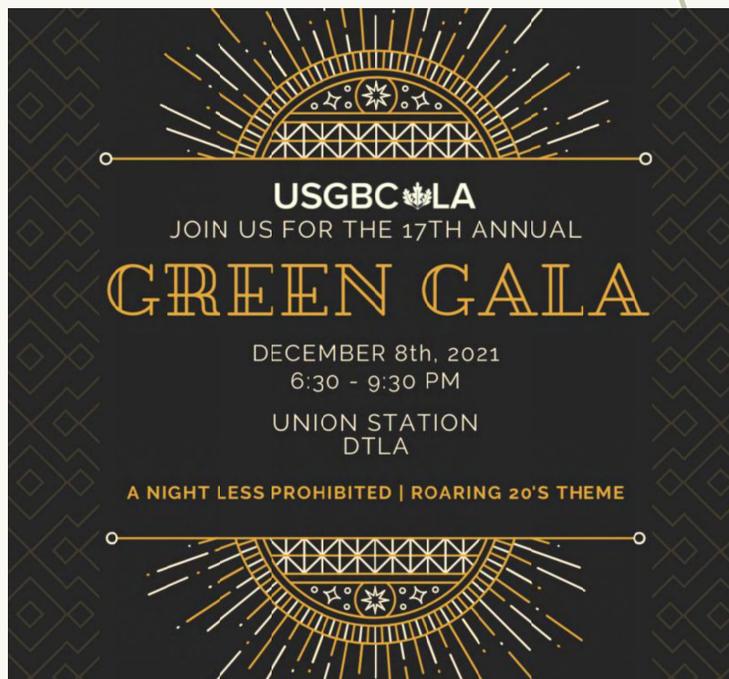
on Dec 8th, 2021!

Early-Bird pricing ends on October 17th!

Apply now for the Sustainable Innovation Awards or out Community awards at the link below!



learn more at: usgbc.la/greengala21



BE ENGAGED

in creating a more sustainable future for all

- Become a Member
- Join a Committee
- Be a Mentor
- Volunteer
- Support an Initiative
- Follow us on social media!

@usgbcla



USGBC  **LA**
U.S. GREEN BUILDING COUNCIL LOS ANGELES

Attachment: PowerPoint Presentation - USGBC_WFD_SCAG_Fall2021 (U.S. Green Business Council Los Angeles: Wildfire Defense Education

THANK YOU

For making California safer... we want to help!

**PLEASE USE US AS A
RESOURCE FOR
BUILDING A MORE
SUSTAINABLE FUTURE**

Ben Stapleton, Executive Director
USGBC-LA ben@usgbc-la.org

Fernanda Zuin, Sustainability Program Manager
USGBC-LA fernanda@usgbc-la.org



visit us at: www.usgbc-la.org



THANK YOU TO OUR ANNUAL SPONSORS

who make content like this possible





Southern California Association of Governments
Remote Participation Only
November 4, 2021

To: Community Economic & Human Development Committee (CEHD)
Energy & Environment Committee (EEC)
Regional Council (RC)
From: Anita Au, Senior Regional Planner
(213) 236-1874, au@scag.ca.gov
Subject: Orange County Equity Map and Social Progress Index

EXECUTIVE DIRECTOR'S
APPROVAL

RECOMMENDED ACTION FOR EEC and CEHD:

Information Only – No Action Required

RECOMMENDED ACTION FOR RC:

Receive and File

STRATEGIC PLAN:

This item supports the following Strategic Plan Goal 2: Advance Southern California’s policy interests and planning priorities through regional, statewide, and national engagement and advocacy.

EXECUTIVE SUMMARY:

Katie Kalvoda, President and Board Chair of AdvanceOC, will provide a presentation on the Orange County Equity Map and Social Progress Index. In July 2020, AdvanceOC created the Orange County Equity Map using the Social Progress Index (SPI) which was developed through a public-private partnership between AdvanceOC, the County of Orange, and the Health Care Agency. This index, used world-wide, was developed to enable users to identify root causes, understand social determinants, investigate disparities, and help create equity focused strategies and solutions. Using 50 indicators, SPI can measure, track, and map inequities with neighborhood precision. The Orange County Equity Map, created from SPI, displays data for all 580 neighborhood census tracts within the county and provides the county’s Average Component score.

BACKGROUND:

In July 2020, SCAG’s Regional Council adopted Resolution 20-623-2, affirming its commitment to advancing justice, equity, diversity, and inclusion throughout Southern California and subsequently adopted the Racial Equity Early Action Plan (EAP) in May 2021. The EAP provides a set of overarching goals and strategies to advance racial equity through SCAG’s policies, practices, and

activities. One implementation action listed in the EAP includes encouraging racial equity in local planning by providing elected officials with information and tools to promote racial equity. AdvanceOC's Orange County Equity Map and Social Progress Index is an innovative tool that can promote and advance equity. Katie Kalvoda, President and Board Chair of AdvanceOC, will provide a presentation on this resource and how it is being used in local jurisdictions to advance equity.

AdvanceOC's mission is to use innovative and strategic philanthropy to address inequities in Orange County communities. They bring together leaders from the public, private, and non-profit sectors to champion equity-oriented, data-driven strategies.

In July 2020, the Orange County Board of Supervisors commissioned AdvanceOC to create an Orange County Equity Map using the Social Progress Index (SPI). The Orange County Equity Map and Social Progress Index are products of a public-private partnership between AdvanceOC, the County of Orange, and the Health Care Agency, with technical help on the index from Social Progress Imperative.

AdvanceOC developed the SPI to measure, track, and map inequities with neighborhood precision to identify root causes, understand social determinants, and help create equity focused strategies and solutions. The index, which is used world-wide, includes 55 population indicators, shown in Attachment No.1 – Social Progress Index Indicators, organized within three broad dimensions: Basic Human Needs, Foundations of Wellbeing, and Opportunity.

The SPI enables users to review scores, out of 100, at various geographic levels including countywide, by city, by zip code or by census tract. The platform enables data to be presented at the neighborhood level to allow local agencies to understand local issues and the disparities between their neighborhoods.

Developed from SPI, the Orange County Equity Map, shown in Attachment No.2 – Orange County Equity Map, displays data for all 580 neighborhood census tracts as well as CDC population health and U.S. Census Bureau demographic data for the county and includes the county's Average Component SPI score, shown in Attachment No.3 – Orange County Average Component Scores, which is an average of all scores of all census tracts within the county.

The SPI, Orange County Equity Map and additional information on AdvanceOC can be found on their website at <https://www.advanceoc.com/>.

FISCAL IMPACT:

None.



ATTACHMENT(S):

1. PowerPoint Presentation - AdvOC
2. Attachment 1 - Social Progress Index Indicators
3. Attachment 2 - Orange County Equity Map
4. Attachment 3 - Orange County Average Component Scores



FULFILLING THE DREAM

www.advanceoc.com

OUR THEORY OF CHANGE

What would you do if you knew
Where suffering lives,
Where poverty persists,
And dreams are denied?





ALL VOLUNTEER BOARD OF DIRECTORS

KATIE KALVODA

Katie is the founder of G3 Ventures, a nonprofit organization specializing in impact investments. In addition, Katie serves as a Board Member for California Health Facilities Financing Authority as an appointee of the Honorable Anthony Rendon, Speaker of the CA Assembly.

NAZY FOULADIRAD

Nazy is President and Chief Operating Officer of Tevora, a cyber security consulting firm, named one of the fastest growing companies in the US. Nazy and her husband Ray, a veteran, are lifelong community philanthropists contributing to local causes like the Children's Hospital of Orange County.

SISTER THUY TRAN

Sister Thuy is a Sister of St Joseph of Orange. She is part of the Mission Integration team with Providence St. Joseph, formerly Director of Community Relations and trustee of the Sisters of St Joseph Healthcare Foundation.

DAVID THRESHIE

David is Director of Marketing at the Texas Children's Hospital and founder of Thewonk.com, a digital communications and fundraising platform for nonprofits. David was previously a Board Member of Freedom Communications, Inc., where he served in multiple editorial and marketing roles.

NIOSHA SHAKOORI

Niosha is an employment attorney and human resources consultant with a specialty in building a culture of success and innovation. She is the founder of clarusHR, which provides strategic and cost-effective consulting services on all workplace matters.

A TALE OF TWO HORIZONS

Orange County has one of the most beautiful landscapes in California. However, our community, like many others, is challenged by systemic health, housing, educational, economic and opportunity disparities.

How can we close these gaps? At Advance OC, we aim to address these disparities by bringing community stakeholders together to invest in equity focused strategies. We start by developing a **Social Progress Index**. Using 50 indicators, we can measure, track, and map inequities in our community with neighborhood precision. Doing this enables us to identify root causes, understand social determinants, and help advance Orange County.

FROM INDEX TO ACTION TO **IMPACT**

PARTNERING WITH SPI

Delivering local data and insight that is meaningful, relevant and actionable



AdvanceOC partnered with Social Progress Imperative, a 501(c)(3) public charity with the following mission:

“We dream of a world in which people come first. A world where families are safe, healthy and free.”

AdvanceOC envisions a world where a person’s zip code does not limit their human potential.



2020 Social Progress Index

Legend: Tier 1 (Dark Blue), Tier 2 (Blue), Tier 3 (Light Blue), Tier 4 (Teal), Tier 5 (Green), Tier 6 (Light Green), Data Unavailable (Grey)

Logos: Global Partnership for Sustainable Development Data, CITY OF SAN JOSE CAPITAL OF SILICON VALLEY, European Commission, skoll FOUNDATION, MIAMI-DADE COUNTY, THE STATE OF MISSISSIPPI JACKSON, Deloitte, Play Video, Avina, Fundación, THE STATE OF KALAMAZOO

Social Progress Index: Orange County

BASIC HUMAN NEEDS

Nutrition and Basic Medical Care

- Supermarket access (% of pop.)
- Kindergarten vaccination rate (% of kindergarteners)
- Preventative care visits (% of adults)
- Dental care visits (% of adults)
- Households with food stamp benefits in the past 12 months (% of households)

Water and Sanitation

- Safe Drinking Water Act health-based violations
- Resource Conservation and Recovery Act hazardous waste violations
- Businesses in compliance with health standards (% of total businesses)

Housing

- Housing cost burden (owners) (% of housing units)
- Housing cost burden (renters) (% of housing units)
- Housing overcrowding (% of households)
- Eviction Rate (per 100 renter homes)

Personal Safety

- Violent crime rate (per 1,000 pop.)
- Property crime rate (per 1,000 pop.)
- Motor vehicle accident rate (per 1,000 pop.)

FOUNDATIONS OF WELLBEING

Access to Basic Education

- Preschool enrollment (% of 3 & 4 year olds)
- Social-emotional vulnerable (% of children under 5)
- Communication and general knowledge (% of children under 5)
- Third grade language arts proficiency (% of 3rd graders)
- Eighth grade math proficiency (% of 8th graders)
- Population without high school diploma or equivalent (% of pop. ages 18-24)

Access to Information and Communications

- Broadband subscription (% of pop.)
- Average broadband speed (Mbps download)
- Cellular data subscription (% of pop.)
- One or more types of computing devices present (% of households)
- No Internet Access (% of pop.)

Health and Wellness

- Vulnerable or at risk physical health (% of children under 5)
- Poor mental health days
- Obesity prevalence (% of adults)
- Diabetes prevalence (% of adults)
- Cancer prevalence (% of adults)

Environmental Quality

- PM2.5 average annual concentration (µg/m3)
- Ozone average 8-hour concentration (ppm)
- Nitrogen dioxide average annual concentration (ppb)
- Carbon footprint (metric tons CO2)
- Wildfire hazard potential

OPPORTUNITY

Personal Rights

- Home ownership (% of households)
- Voter registration rate (% of voting eligible pop.)
- Voter turnout (% of voting eligible pop.)

Personal Freedom and Choice

- Child care deserts
- Disconnected youth (% of 16-19 year olds)
- Walkability index
- Alternative transportation usage (% of commuters)

Inclusiveness

- Linguistic isolation
- Gender pay gap
- Residential segregation (non-white/white)
- Residential isolation (non-white/white)

Access to Advanced Education

- Bachelor's Degree Holders (% of pop. age 25+)
- Advanced Degree Holders (% of pop. age 25+)
- Associates Degree Holders (% of pop. age 25+)



Community Centered & Locally Informed

COMMUNITY BASED APPROACH

Public Agencies

- Orange County Health Care Agency
- Orange County Social Services Agency
- OC Human Relations Commission
- First 5 OC
- CalOptima
- County Board of Supervisors

Education

- Orange County Department of Education
- Cal State Fullerton
- UCI

Health

- Providence St Joseph Health
- MemorialCare
- UCI Health
- Hoag Hospital
- Kaiser Permanente
- The Children's Hospital of Orange County (CHOC)
- Orange County Health Improvement Partnership

Philanthropy (Partial List)

- United Way
- OC Grantmakers
- Sisters of St Joseph Foundation
- Tarsadia Foundation

GUIDED BY LOCAL NEEDS

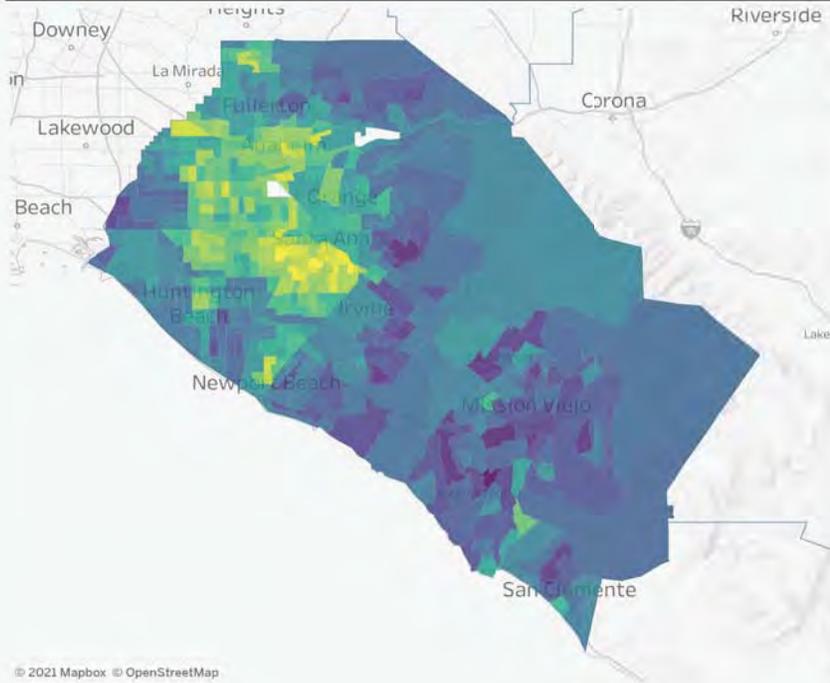
Community Engagement (Partial List)

- Launch Event (July 14, 2021)
- Fullerton City Council
- Orange County Aging Services Collaborative
- City of Stanton Collaborative
- Orange County COVID-19 Vaccine Task Force
- Kiwanis Club of Greater Anaheim
- RevHUB OC
- Orange County Business Council
- Mesa Water District
- Costa Mesa City Council
- Southern CA Association of Governments (SCAG)
- Mayor's DEI Task Force (City of Tustin)
- City of Irvine Community Services
- City of Garden Grove Collaborative
- Behavioral Health Advisory Board
- AltaMed Health
- American Academy of Pediatrics
- Latino Health Access
- Abrazar
- MECCA (Multi-Ethnic Collaborative of Community Agencies)
- Chinese American Chamber of Commerce
- OC Behavioral Health
- National Health Equity Summit
- Fullerton Fire Department
- Orange County Labor Federation





ORANGE COUNTY EQUITY MAP



Choose a City: (All) District*: All Census Tract: Highlight G

BASE LAYER

- Social Progress Index (SPI QUARTILE [All])
- CDC HEALTH INDICATOR (Choose one)
- POPULATION DEMOGRAPHICS (Select one)

OVERLAY

- NONE
- VIEW STREET MAP
- COVID CASES (by Census Tract)
- COVID CASE RATE/TESTING % ... (by Zip Code)
- OPPORTUNITY ZONES
- COUNTY & PUBLIC RESOURCE...
- SCHOOL DISTRICTS - All

Low Values in the legend are shown in Yellow and High values are shown in Purple. For some indicators, low scores may be positive and for other indicators, low scores may not be positive. This legend should be interpreted relative to the data presented.

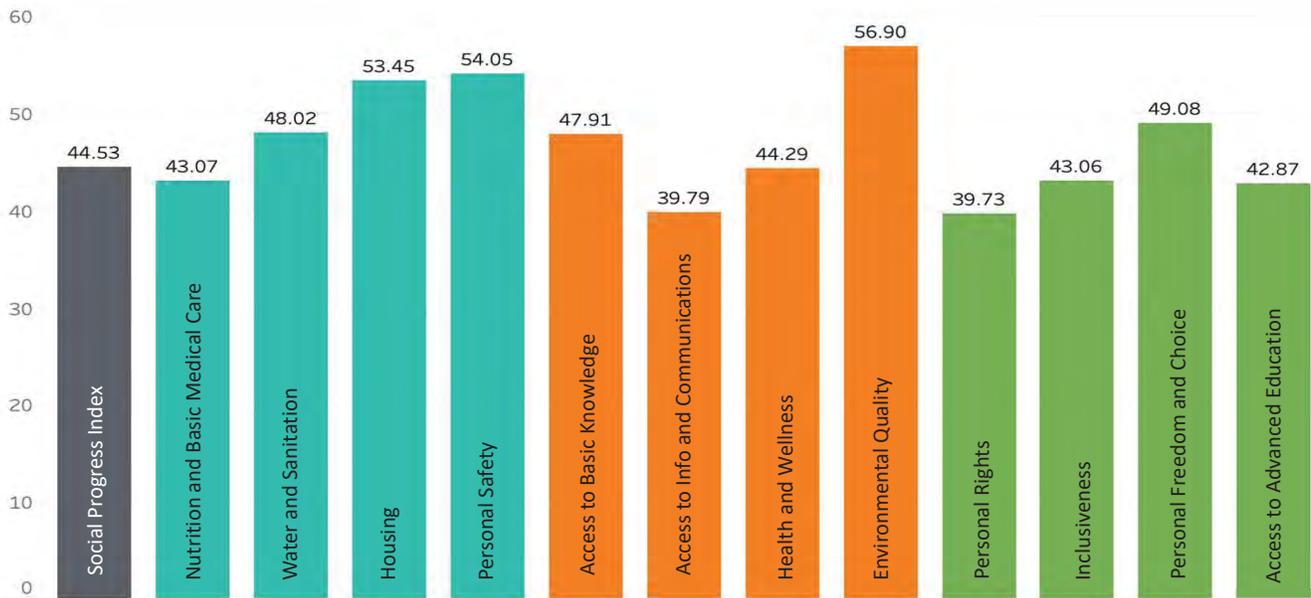


Sources: SPI, CDC PLACES Local Data, American Community Survey, First 5 OC, OC Health Care Agency and CA Opportunity Zone



ORANGE COUNTY AVERAGE COMPONENT SCORES

US SPI score = 85.7





OC SOCIAL PROGRESS INDEX BY CITY

City	SPI
ALISO VIEJO	55
MISSION VIEJO	55
LAGUNA NIGUEL	54
LAGUNA HILLS	54
YORBA LINDA	54
LOS ALAMITOS	53
RANCHO S. MARGARITA	53
SEAL BEACH	53
NEWPORT BEACH	53
IRVINE	53
LAGUNA BEACH	52
VILLA PARK	52

City	SPI
LAKE FOREST	52
BREA	51
CYPRESS	51
SAN CLEMENTE	50
LAGUNA WOODS	50
DANA POINT	50
FOUNTAIN VALLEY	48
HUNTINGTON BEACH	48
PLACENTIA	47
SAN JUAN CAPISTRANO	46
LA PALMA	46
TUSTIN	45

City	SPI
ORANGE	44
FULLERTON	43
COSTA MESA	42
LA HABRA	40
BUENA PARK	39
WESTMINSTER	37
ANAHEIM	37
GARDEN GROVE	36
STANTON	32
SANTA ANA	31

Population weighted average scores based on City:Tract crosswalks.



TOP 50 CENSUS TRACTS

OC Average SPI score = 44.5

Tract Number	City	SPI Score	Tract Number	City	SPI Score
6059042336	Laguna Niguel	65	6059021823	Yorba Linda	59
6059042328	Mission Viejo	63	6059052502	Irvine	59
6059075606	Tustin	62	6059052419	Irvine	59
6059042327	Laguna Hills	62	6059032053	Rancho Santa Margarita	59
6059032040	Mission Viejo	62	6059062612	Irvine	58
6059062633	Laguna Beach	62	6059052526	Irvine	58
6059032045	Rancho Santa Margarita	61	6059062643	Irvine	58
6059062631	Irvine	61	6059052421	Irvine	58
6059052408	Irvine	61	6059032012	Mission Viejo	58
6059062635	Laguna Woods	61	6059032020	Mission Viejo	58
6059052513	Irvine	60	6059032039	Mission Viejo	58
6059110006	Los Alamitos	60	6059062701	Newport Beach	58
6059032031	Mission Viejo	60	6059062900	Newport Beach	58
6059042111	San Juan Capistrano	60	6059075703	Irvine	58
6059011718	Yorba Linda	60	6059062629	Irvine	58
6059052506	Irvine	59	6059062634	Laguna Beach	58
6059032038	Rancho Santa Margarita	59	6059032034	Rancho Santa Margarita	58
6059052427	Lake Forest	59	6059075703	(Unincorporated, North Tustin)	58
6059052422	Lake Forest	59	6059062632	Aliso Viejo	57
6059110007	Los Alamitos	59	6059032015	Lake Forest	57
6059052415	Lake Forest	59	6059052527	Tustin	57
6059042319	Laguna Niguel	59	6059032002	Mission Viejo	57
6059099243	Huntington Beach	59	6059075603	Tustin	57
6059021824	Yorba Linda	59	6059042323	Laguna Niguel	57
6059042315	Mission Viejo	59	6059032032	Mission Viejo	57





BOTTOM 50 CENSUS TRACTS

OC Average SPI score = 44.5

Tract Number	City	SPI Score	Tract Number	City	SPI Score
6059087802	Anaheim	30	6059001304	La Habra	28
6059089001	Garden Grove	30	6059075202	Santa Ana	28
6059089004	Santa Ana	30	6059074806	Santa Ana	27
6059087504	Anaheim	30	6059087806	Garden Grove	27
6059074108	Santa Ana	30	6059110500	Buena Park	27
6059099802	Westminster	30	6059086502	Anaheim	27
6059074403	Tustin	30	6059089106	Garden Grove	27
6059089102	Santa Ana	30	6059074408	Tustin	27
6059075004	Santa Ana	29	6059075002	Santa Ana	27
6059074602	Santa Ana	29	6059011720	Anaheim	27
6059099904	Westminster	29	6059087405	Anaheim	27
6059001201	La Habra	29	6059063701	Costa Mesa	26
6059074802	Santa Ana	29	6059074902	Santa Ana	26
6059074102	Santa Ana	29	6059075201	Santa Ana	26
6059063808	Costa Mesa	29	6059074502	Santa Ana	26
6059087902	Garden Grove	29	6059089104	Garden Grove	26
6059076103	Anaheim	28	6059074300	Santa Ana	26
6059087803	Anaheim	28	6059075003	Santa Ana	26
6059087404	Anaheim	28	6059074406	Tustin	25
6059086405	Anaheim	28	6059074701	Santa Ana	25
6059089003	Santa Ana	28	6059074501	Santa Ana	25
6059074801	Santa Ana	28	6059089105	Santa Ana	24
6059074405	Santa Ana	28	6059074805	Santa Ana	24
6059086901	Anaheim	28	6059074901	Santa Ana	24
6059063605	Costa Mesa	28	6059074407	Santa Ana	24



ORANGE COUNTY: 17.07

La Habra/ Fullerton

SOCIAL PROGRESS INDEX

Score: 43/100 Overall Rank: 369/580

Score	Overall Rank	Relative Strength/Weakness	Score	Overall Rank	Relative Strength/Weakness
52	189		59	39	
48	154		64	19	
54	170		63	129	
56	272		50	154	
52	317		58	220	

Median Household Income \$126.2

Population 7.2

Race/Ethnicity (%)

- 20% White
- 69% Asian
- 13% Hispanic or Latino
- 4% Two or More Races
- 0% Black or African American
- 0% Native Hawaiian and Other Pacific Islander
- 0% American Indian and Alaska Native

Age Distribution

Foreign Born Population (%) 51

Below 200% Poverty Line (% of pop.) 14

Legend:

- Expected
- Overperforming
- Underperforming
- Very Overperforming
- Very Underperforming

Strengths/weaknesses are relative to the 10 Orange County census tracts with the most similar median household income: 219.20, 219.24, 320.20, 422.05, 525.22, 626.32, 992.31, 996.05, 1100.06, 1100.10

* Missing indicator values imputed

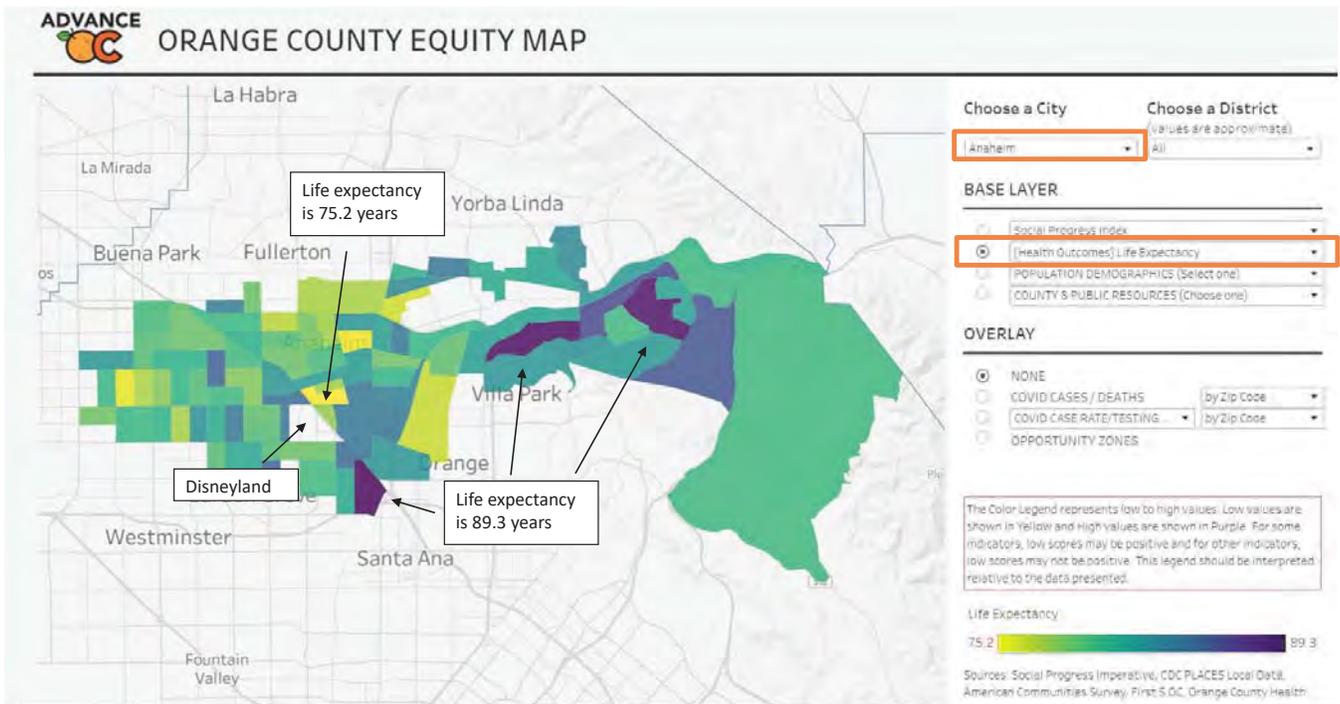


FROM INDEX TO ACTION TO **IMPACT**

PARTNERING WITH HCA

To understand neighborhood health disparities

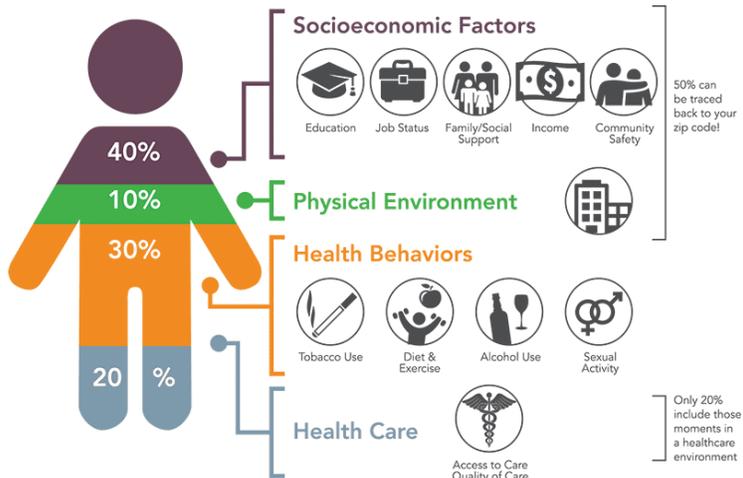
[NEIGHBORHOOD LOOKUP TOOL](#)



WHY DO SOCIAL DETERMINANTS OF HEALTH MATTER?

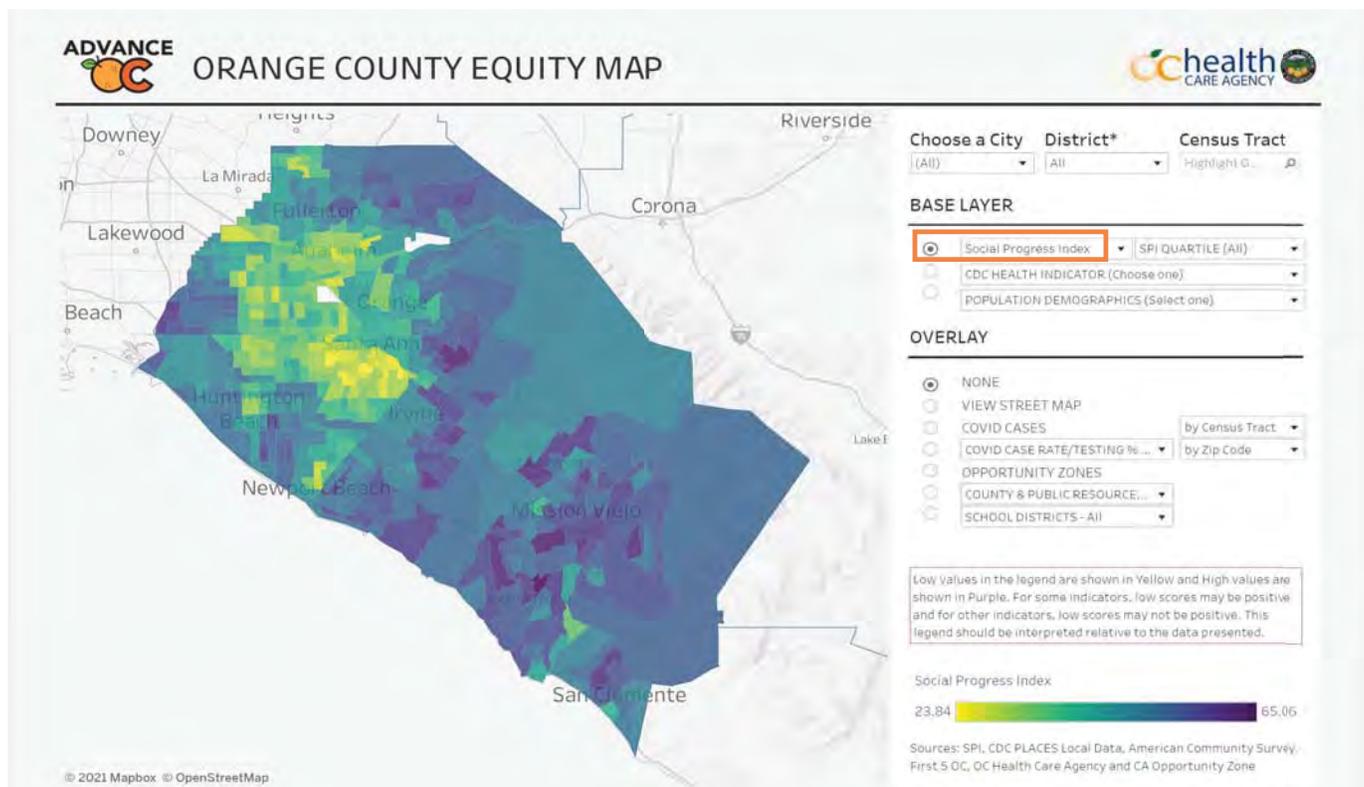
BECAUSE THEY ARE SOCIAL DETERMINANTS OF

- Education
- Opportunity
- Income
- Life Outcomes



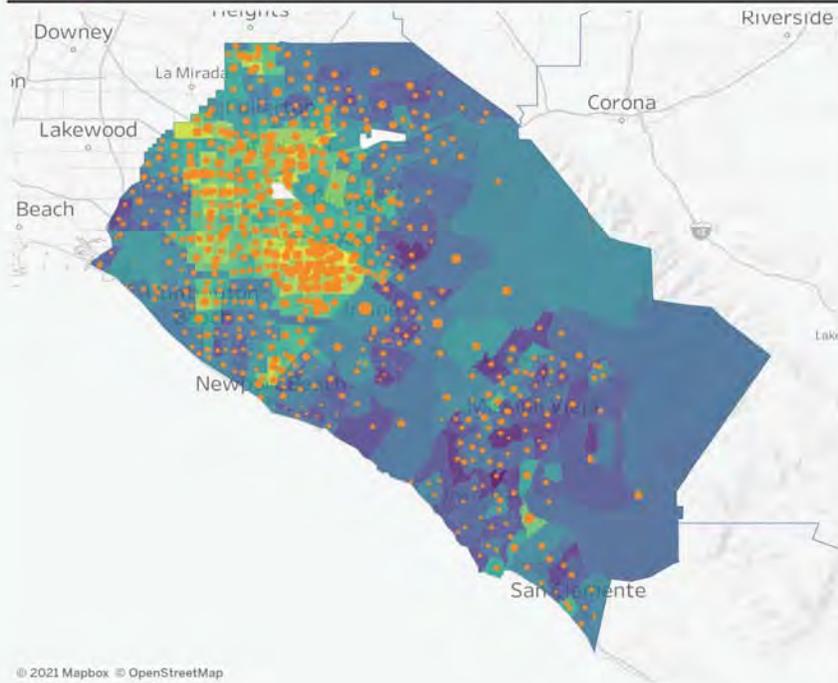
Source: Institute for Clinical Systems Improvement, Going Beyond Clinical Walls: Solving Complex Problems (October 2014)

Attachment: PowerPoint Presentation - AdvOC (Orange County Equity Map and Social Progress Index)





ORANGE COUNTY EQUITY MAP



Choose a City (All) District* (All) Census Tract Highlight G...

BASE LAYER

- Social Progress Index SPI QUARTILE (All)
- CDC HEALTH INDICATOR (Choose one)
- POPULATION DEMOGRAPHICS (Select one)

OVERLAY

- NONE
- VIEW STREET MAP
- COVID CASES by Census Tract
- COVID CASE RATE/TESTING %... by Zip Code
- OPPORTUNITY ZONES
- COUNTY & PUBLIC RESOURCE...
- SCHOOL DISTRICTS - All

As of 8/2/2021

Low values in the legend are shown in Yellow and High values are shown in Purple. For some indicators, low scores may be positive and for other indicators, low scores may not be positive. This legend should be interpreted relative to the data presented.

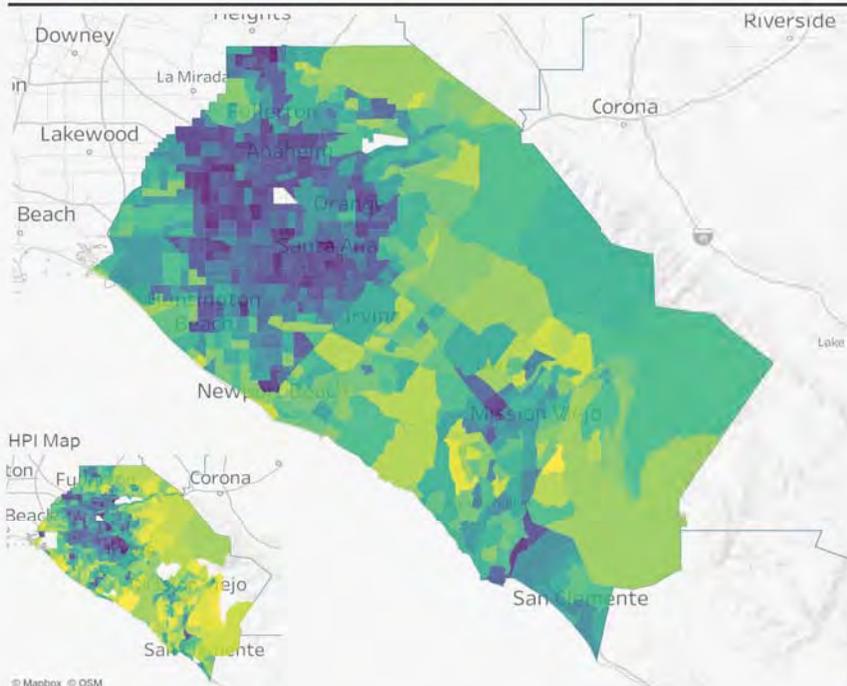


Sources: SPI, CDC PLACES Local Data, American Community Survey, First 5 OC, OC Health Care Agency and CA Opportunity Zone

© 2021 Mapbox © OpenStreetMap



ORANGE COUNTY COVID VULNERABILITY MAP



City (All) District (values are approximate) (All)

Overlay Existing Community Infrastructure* (none)

Show Asset Labels (No)

COVID-19 Vulnerability Composite Indicators

Health & Comorbidity Risk Factors (CDC)

- Diabetes Prevalence
- Cancer Prevalence
- Obesity Prevalence
- High Blood Pressure
- Coronary Heart Disease
- Asthma Prevalence
- Smoking Prevalence
- COPD Prevalence
- Chronic Kidney Disease

Social Progress Index Indicators

- Households with food stamps
- Housing cost burden (renters)
- Housing overcrowding
- Eviction Rate
- Population Uninsured
- Below 200% Poverty Rate
- Population w/o HS diploma
- Low access to Info & Comm
- No internet access
- Linguistic Isolation
- Racial/ethnic isolation
- Physically at-risk Children
- Median HH Income

- C19 Cases & Deaths (OCHCA)
- % Hispanic (ACS/Census)
- Age 65+ (ACS/Census)



© Mapbox © OSM

Attachment: PowerPoint Presentation - AdvOC (Orange County Equity Map and Social Progress Index)

EXAMPLES OF USE CASES



Population Health



COVID Vulnerability Index
Social Determinants of Health



Food & Nutrition



Food Insecurity
Promoting Long Term Nutrition



Community Development



Housing & Homelessness
Opportunity Zones



HOW TO INTERPRET THE DATA



AS AN ORANGE COUNTY RESIDENT

The Social Progress Index scorecard shows you how your neighborhood is doing across multiple measurements in basic needs, foundations of wellbeing and opportunity. This information empowers you with the most recent, relevant data to speak to your local elected officials about how to improve the conditions of your neighborhood and address funding gaps.



AS A LOCAL ELECTED OFFICIAL OR POLICYMAKER

The Social Progress Index scorecard is an opportunity to create a participatory budgeting process by encouraging active engagement with your constituents to address areas of greatest need in your community. This data is especially valuable as it provides a means to map, measure and track community investments over time.



AS AN EDUCATOR, HEALTHCARE PROVIDER, PHILANTHROPIST

The Social Progress Index provides a baseline for community health and wellness, highlighting areas of need that require greater attention and community investment. Student and patient outcomes are strongly influenced by social and environmental factors. These social determinants are structural in nature and require partnership between community stakeholders and government agencies to address.



YOUTH VULNERABILITY INDEX

BASIC HUMAN NEEDS

Health & Nutrition

Kindergarten Vaccination Rates
Supermarket Access
Households with food stamps

Water & Sanitation

Safe Drinking Water
Hazardous Waste Violations
Businesses in Compliance with Health Standards

Shelter

Housing Cost Burden (owners)
Housing Cost Burden (renters)
Housing Overcrowding
Eviction Rate

Personal Safety

Violent Crime
Property Crime
Motor Vehicle Accident Rate
Security on Campus
Gang Activity

FOUNDATIONS OF WELLBEING

Access to Basic Knowledge

Third grade language arts proficiency
Eighth grade math proficiency
Population without highschool diploma

Access to Info & Communications

Broadband subscription
Avg broadband speed
Cellular data subscription
No internet access
One or more types of computing devices

Health & Wellness

Social-Emotional Vulnerable (under 5)
Poor mental health days
Diabetes prevalence
Obesity prevalence
Substance abuse
Binge drinking
Smoking Prevalence

Environmental Quality

PM2.5 average annual concentration
Ozone average 8-hour concentration
Nitrogen dioxide avg annual concentration
Carbon footprint
Wildfire hazard potential

OPPORTUNITY

Personal Rights

Homeownership
Voter Registration Rates
Voter Turnout

Personal Freedom & Choice

Disconnected youth (16-19)
Childcare deserts
Walkability Index
Alternative transportation usage
Commute Time
Youth Unemployment

Inclusiveness

Linguistic isolation
Gender Pay Gap
Residential Isolation
Residential Segregation

Access to Advance Education

Bachelors Degree Holders
Advanced Degree Holders
Associate Degree Holders



OVERLAYS

Education Indicators

- Education Outcomes
- Preschool enrollment
- Kindergarten Readiness
- HS Dropout/ Graduation Rates
- College Enrollment
- Chronic Absenteeism
- College Graduation Rate
- Total ESL Students
- Student Proficiency (LS/MS/HS)
- Suspension Rates

Education Goals

- Language Immersion
- Ethnic Studies
- SEL Curriculum
- Civic Engagement

Educational Environment

- Diversity of School Administration
- Rates of Bullying
- LGB Alliance/ LGBTQ Clubs
- Co-Ed Sports

County & Public Resources

- Behavioral Health Centers
- HS Wellness Centers
- Mental Health Hospitals
- Boys & Girls Club/ Afterschool Centers
- Section 8 Housing

Mental Health Screens

- Suicide Attempts
- Suicide Ideations
- % of Anxious/ Depressed Children
- % Use of Antidepressants
- Rate of Eating Disorders

ADVANCE



We're here to answer your questions:
katie@advanceoc.com

Attachment: PowerPoint Presentation - AdvOC (Orange County Equity Map and Social Progress Index)

Social Progress Index: Orange County

BASIC HUMAN NEEDS

Nutrition and Basic Medical Care

- Supermarket access (% of pop.)
- Kindergarten vaccination rate (% of kindergarteners)
- Preventative care visits (% of adults)
- Dental care visits (% of adults)
- Households with food stamp benefits in the past 12 months (% of households)

Water and Sanitation

- Safe Drinking Water Act health-based violations
- Resource Conservation and Recovery Act hazardous waste violations
- Businesses in compliance with health standards (% of total businesses)

Housing

- Housing cost burden (owners) (% of housing units)
- Housing cost burden (renters) (% of housing units)
- Housing overcrowding (% of households)
- Eviction Rate (per 100 renter homes)

Personal Safety

- Violent crime rate (per 1,000 pop.)
- Property crime rate (per 1,000 pop.)
- Motor vehicle accident rate (per 1,000 pop.)

FOUNDATIONS OF WELLBEING

Access to Basic Education

- Preschool enrollment (% of 3 & 4 year olds)
- Social-emotional vulnerable (% of children under 5)
- Communication and general knowledge (% of children under 5)
- Third grade language arts proficiency (% of 3rd graders)
- Eighth grade math proficiency (% of 8th graders)
- Population without high school diploma or equivalent (% of pop. ages 18-24)

Access to Information and Communications

- Broadband subscription (% of pop.)
- Average broadband speed (Mbps download)
- Cellular data subscription (% of pop.)
- One or more types of computing devices present (% of households)
- No Internet Access (% of pop.)

Health and Wellness

- Vulnerable or at risk physical health (% of children under 5)
- Poor mental health days
- Obesity prevalence (% of adults)
- Diabetes prevalence (% of adults)
- Cancer prevalence (% of adults)

Environmental Quality

- PM2.5 average annual concentration ($\mu\text{g}/\text{m}^3$)
- Ozone average 8-hour concentration (ppm)
- Nitrogen dioxide average annual concentration (ppb)
- Carbon footprint (metric tons CO₂)
- Wildfire hazard potential

OPPORTUNITY

Personal Rights

- Home ownership (% of households)
- Voter registration rate (% of voting eligible pop.)
- Voter turnout (% of voting eligible pop.)

Personal Freedom and Choice

- Child care deserts
- Disconnected youth (% of 16-19 year olds)
- Walkability index
- Alternative transportation usage (% of commuters)

Inclusiveness

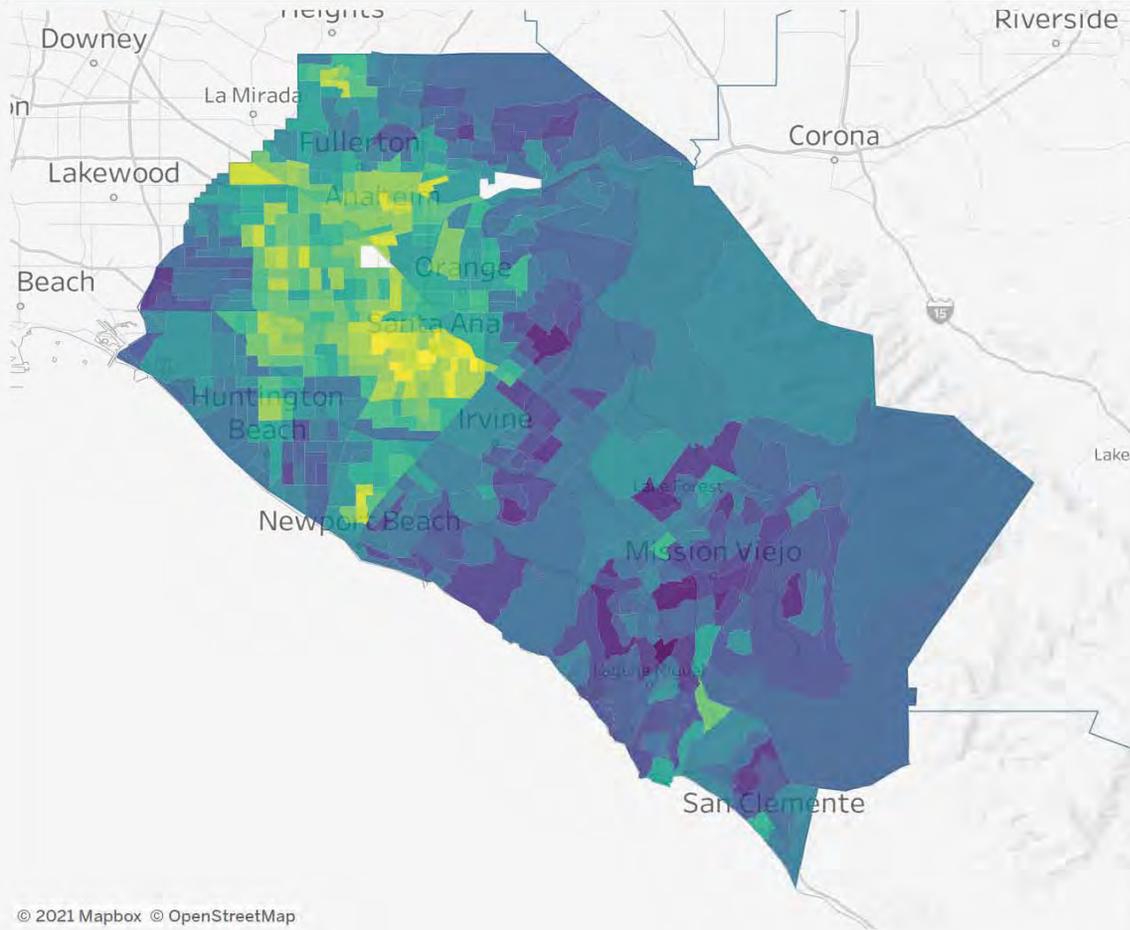
- Linguistic isolation
- Gender pay gap
- Residential segregation (non-white/white)
- Residential isolation (non-white/white)

Access to Advanced Education

- Bachelor's Degree Holders (% of pop. age 25+)
- Advanced Degree Holders (% of pop. age 25+)
- Associates Degree Holders (% of pop. age 25+)



ORANGE COUNTY EQUITY MAP



Choose a City: (All) | District*: All | Census Tract: Highlight G...

BASE LAYER

Social Progress Index | SPI QUARTILE (All) |
 CDC HEALTH INDICATOR (Choose one) |
 POPULATION DEMOGRAPHICS (Select one) |

OVERLAY

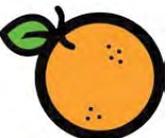
NONE
 VIEW STREET MAP
 COVID CASES | by Census Tract |
 COVID CASE RATE/TESTING %... | by Zip Code |
 OPPORTUNITY ZONES
 COUNTY & PUBLIC RESOURCE... |
 SCHOOL DISTRICTS - All |

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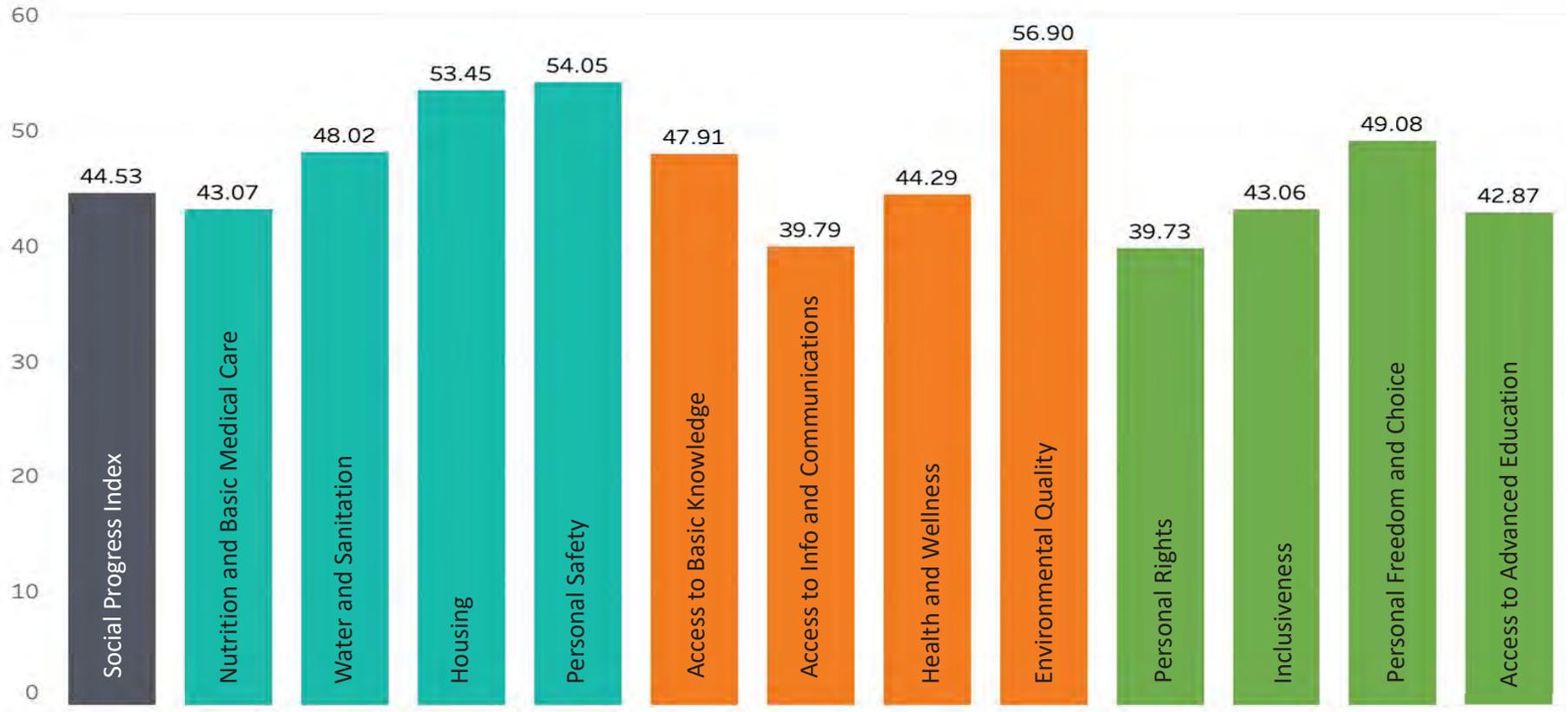
Sources: SPI, CDC PLACES Local Data, American Community Survey, First 5 OC, OC Health Care Agency and CA Opportunity Zone

© 2021 Mapbox © OpenStreetMap



ORANGE COUNTY AVERAGE COMPONENT SCORES

US SPI score = 85.7



Attachment: Attachment 3 - Orange County Average Component Scores (Orange County Equity Map and



Southern California Association of Governments
Remote Participation Only
November 4, 2021

To: Energy & Environment Committee (EEC)
Transportation Committee (TC)

EXECUTIVE DIRECTOR'S
APPROVAL

From: Alison Linder, Senior Regional Planner
(213) 236-1934, linder@scag.ca.gov

Subject: Southern California Goods Movement Communities Freight Impact
Assessment

RECOMMENDED ACTION FOR TC AND EEC:

Information Only - No Action Required

STRATEGIC PLAN:

This item supports the following Strategic Plan Goal 1: Produce innovative solutions that improve the quality of life for Southern Californians.

EXECUTIVE SUMMARY:

Staff will provide an overview of the Southern California Goods Movement Communities Freight Impact Assessment study which is expected to start November 2021. Funded through a Caltrans Sustainable Transportation Planning Grant, this project will combine analysis and outreach to understand the positive and negative impacts of goods movement as well as the experience of these impacts on communities. This study will focus on public health, workforce development, and communications and outreach best practices. Key products include a toolkit for impacted communities with recommendations on goods movement impact mitigation and recommendations to connect communities to the economic opportunities of goods movement, as well as an updated innovative communications strategy that guides SCAG's goods movement related outreach.

BACKGROUND:

As stated in Connect SoCal, the efficient movement of goods is critical to a strong economy and improves quality of life in the SCAG region by providing jobs and access to markets through trade. However, increased volumes of goods moving across the transportation system contribute to greater congestion, safety concerns and harmful emissions. It is critical to integrate land use decisions and technological advancements to minimize environmental and health impacts while fostering continued growth in trade and commerce.

The Southern California Goods Movement Communities Freight Impact Assessment aims to understand and address the positive and negative impacts of goods movement on communities as well as to understand the experience of these impacts on the communities. Emissions from goods movement sources create public health impacts such as asthma and other respiratory ailments, increased stress, and increased cancer risk. In addition, noise, safety issues, aesthetic changes, vibrations, and natural resource depletion associated with goods movement impact quality of life and may also have health implications.

Goods movement impacts are particularly acute in communities near goods movement facilities and operations. Many of these communities are considered disadvantaged communities (DACs) using metrics established by various federal and state legislation and executive orders. Existing California and federal statutes mandate and encourage identification and execution of environmental justice (EJ) strategies to address the disproportionately high and adverse human health and environmental effects of transportation on minority and low-income populations and to achieve an equitable distribution of benefits and burdens.

While the benefits of goods movement are broadly dispersed in support of our consumption and economic activity, impacts are often concentrated, having disproportionate impacts on certain communities. It is therefore important to ensure that those most impacted are benefiting from the economic opportunities generated by the region's goods movement industry. This study aims to improve the ability of communities to capture the economic benefits of goods movement through a closer look at workforce development initiatives.

As part of SCAG's overarching goal to advance equity in the region, SCAG's Regional Council made a commitment to advancing justice, equity, diversity, and inclusion throughout Southern California. SCAG recognizes that for the region to become healthy, livable, sustainable, and economically resilient, it needs to dramatically improve outcomes for low-income families and communities of color. This study will be consistent with the overall goal and objectives of SCAG's equity initiatives. The study will coordinate with ongoing equity efforts at SCAG and benefit from lessons learned from recently completed efforts including SCAG's Racial Equity Early Action Plan, Inclusive Economic Recovery Strategy, Connect SoCal EJ Technical Report, and the Public Participation Plan.

In this study, a screening will be done to identify 6-8 communities of interest that are quantifiably disproportionately affected by goods movement activities and/or facilities, satisfy generally accepted criteria for a disadvantaged community, and represent and reflect various geographic areas, causes, and intensities.

The study work plan will also include:

- Extensive community outreach using innovative methods including workshops, focus groups, surveys and video challenges.

- Involvement of SCAG Equity Working Group, a Community Advisory Committee (CAC), and Community Based Organizations (CBOs) for outreach, input, and engagement.
- Development of an Environmental Justice and Workforce Development Toolkit for Disadvantaged Communities from a goods movement perspective. The tools and strategies shall be focused on communication and engagement best practices, health and air quality improvement, and workforce development and economic opportunities.
- Updating an outreach strategy for SCAG to use in communications with goods movement impacted communities.

This study is expected to result in an improved understanding of the challenges faced by goods movement impacted communities and how they are perceived; locally generated solutions and best practices to address goods movement challenges; identification and evaluation of innovative outreach tools and an improved community vetted approach towards outreach with goods movement impacted communities. This study will provide tools to empower communities to address goods movement challenges and benefit from economic opportunities in their neighborhood.

FISCAL IMPACT:

Work associated with this item is included in the Fiscal Year 2021-2022 Overall Work Program (145.4865.01)

ATTACHMENT(S):

1. PowerPoint Presentation - GM Communities Freight Impact Assessment

Southern California Goods Movement Communities Freight Impact Assessment

Project Introduction

Alison Linder, PhD
Senior Regional Planner
11/4/2021

www.scag.ca.gov



1

Challenges

- Air Quality
- Public Health
- Quality of Life
- Lack of Access to Economic Opportunities
- Disproportionate Impacts on disadvantaged communities
- Potential lack of representation in traditional outreach methods






2

Attachment: PowerPoint Presentation - GM Communities Freight Impact Assessment (Southern California Goods Movement Communities

Goals and Objectives



- Engage the populations of identified communities to understand their views related to goods movement challenges and opportunities.
 - Identify burdens related to air quality, traffic, and lack of employment
 - Identify economic opportunities and how to connect to them
- Prepare, execute, and evaluate an innovative communication approach
- Prepare a toolkit of strategies
- Build relationships with disadvantaged, freight impacted and frequently underrepresented communities.

3

3

Connection to SCAG work on Equity



- SCAG's Early Action Plan for Equity
- Public Participation Plan
- Equity Tool and Planning Strategy
- AB 617 Communities Outreach
- Connect SoCal EJ Technical Report
- Equity Working Group
- Inclusive Economic Recovery Strategy



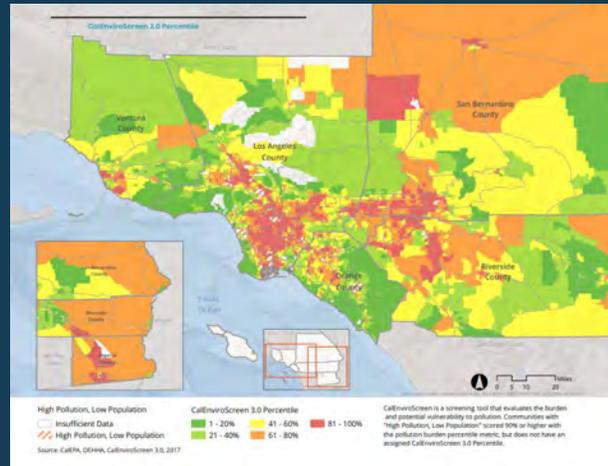
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4

Study Approach and Deliverables: Community Identification



- Identify 6-8 communities that:
 - Are quantifiably disproportionately affected by goods movement activities facilities and/or activities
 - Satisfy generally accepted criteria for a disadvantaged community
 - Represent and reflect various geographic areas, causes, and intensities
- Key Indicators include:
 - Economic Opportunities
 - Access to Transportation
 - Pending Developments
 - Zoning and Land use
 - Access to Education
 - Community Demographics
 - Public Health Indicators



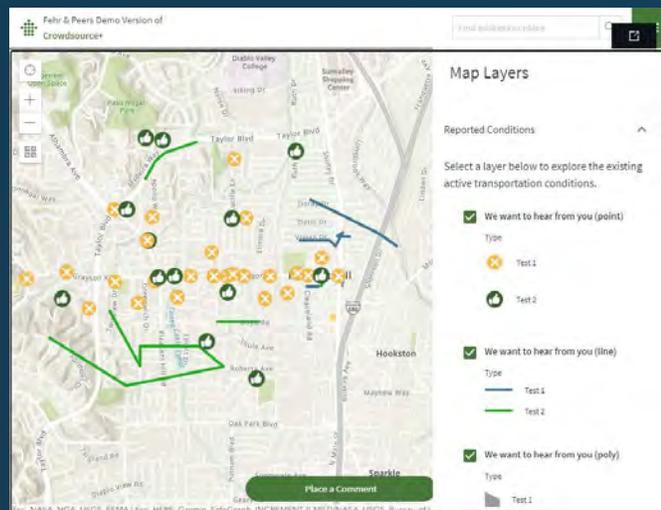
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Study Approach and Deliverables: Innovative Outreach



- Workshops
- Focus Groups
- Survey Using Fehr & Peers Crowdsource+ Tool
- Three 5 Minute Educational Videos
- TikTok Challenge
- Involvement of SCAG Equity Working Group
- Community Advisory Committee (CAC)
- CBO engagement



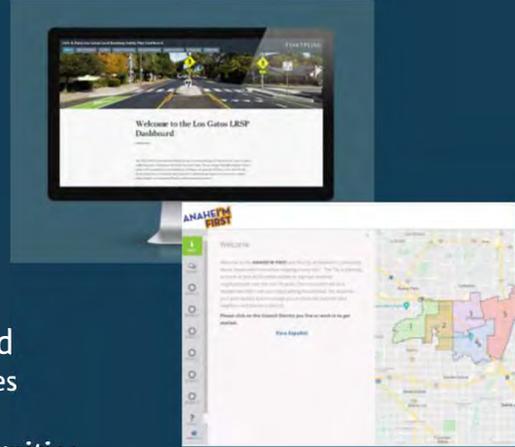
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Study Approach and Deliverables: Toolkit Development



- Tools used to create Toolkit
 - CrowdSource ++
 - ESRI Story Map
 - Report
- Toolkit targeted to 3 different audiences
 - Community specific
 - Regional wide
 - SCAG and other agencies
- Tools and strategies shall be focused around
 - communication and engagement best practices
 - health and air quality improvement
 - workforce development and economic opportunities
- Shared with identified communities and housed on SCAG website



7

7

Expected Outcomes



- Improved approach to outreach with goods movement impacted communities
- Identification and evaluation of innovative outreach tools
- Improved understanding of challenges faced by goods movement impacted communities and how they are perceived
- Locally generated solutions and best practices to address goods movement challenges

Ultimately, community empowerment to address goods movement challenges and benefit from economic opportunities



8

8

Next Steps



- Project kick-off, November 2021
- Project will be shared at December Equity Working Group Meeting
- We welcome your feedback as the project moves forward



Everything you buy touches a truck at some point!

9

9

Questions?

www.scag.ca.gov



10



AGENDA ITEM 5
REPORT

Southern California Association of Governments
Remote Participation Only
November 4, 2021

To: Energy and Environment Committee (EEC)

EXECUTIVE DIRECTOR'S
APPROVAL

From: Grieg Asher, Program Manager II
(213) 236-1869, asher@scag.ca.gov

Subject: Water Supply & Drought Update

RECOMMENDED ACTION:

Information Only – No Action Required

STRATEGIC PLAN:

This item supports the following Strategic Plan Goal 2: Advance Southern California’s policy interests and planning priorities through regional, statewide, and national engagement and advocacy.

EXECUTIVE SUMMARY:

Danielle Dolan, Water Program Manager, Local Government Commission, will present on water supply issues in California and discuss best practices and potential solutions. The presentation will also highlight drought, land-use, public health and equity related issues as they pertain to water in the SCAG region.

BACKGROUND:

The Local Government Commission (LGC) recently completed a report in 2020 summarizing the state of water supply constraints and opportunities. Danielle Dolan, Water Program Manager (LGC) will present the findings from LGC’s statewide study on the Equitable Integration of Water and Land-Use, including how California’s lack of watershed-wise planning has inhibited recovery from the COVID-19 pandemic and left cities unprepared for recent iterations of catastrophic fire and drought in California’s natural climate cycle. Ms. Dolan will share best practices and recommendations to ensure local communities and regions as a whole plan for these conditions, and are thus better equipped to handle the climate impacts of drought, fire, and flood, even when compounded by economic instability and a public health crisis.

FISCAL IMPACT:

None.

ATTACHMENT(S):

1. PowerPoint Presentation - Equitable Integrated Planning for Watershed-Wise Resilient Recovery

Equitable Integrated Planning for Watershed-Wise Resilient Recovery

Danielle V. Dolan
Water Program Director
Local Government Commission

SCAG Energy & Environment Committee
Thursday, November 4, 2021; 10:00 AM



www.lgc.org



Local Government Commission
Leaders for Livable Communities

www.lgc.org

Outline

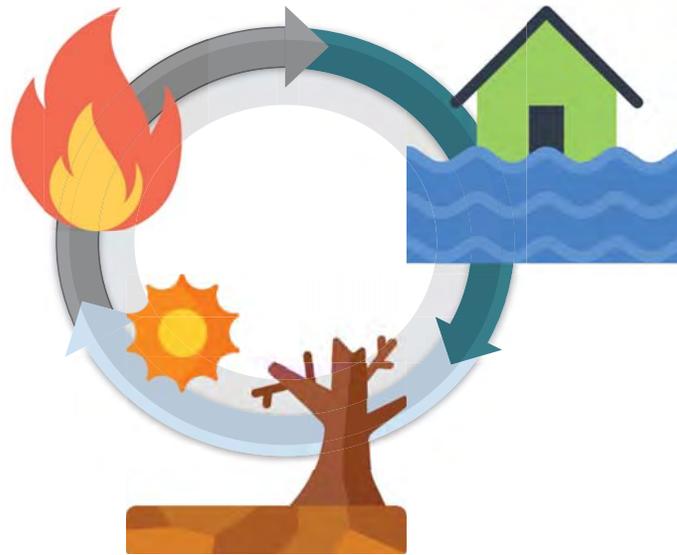
1. **CA's Natural Drought-Fire-Flood Cycle**
 - a. Exacerbated by climate change
 - b. Current conditions
 - c. Inequity: Most severely impacted least capacity to respond
2. **Collision With Traditional Governance Models & Planning Processes**
 - a. Lack of alignment, integration
 - b. Single-issue, reactionary, ill-prepared to respond
 - c. Exacerbated by Covid-19
3. **What We Need Instead**
 - a. Coordinated planning
 - b. Regional Scale
 - c. Long-term preparedness
4. **How We Get There**



Drought-Fire-Flood Cycle



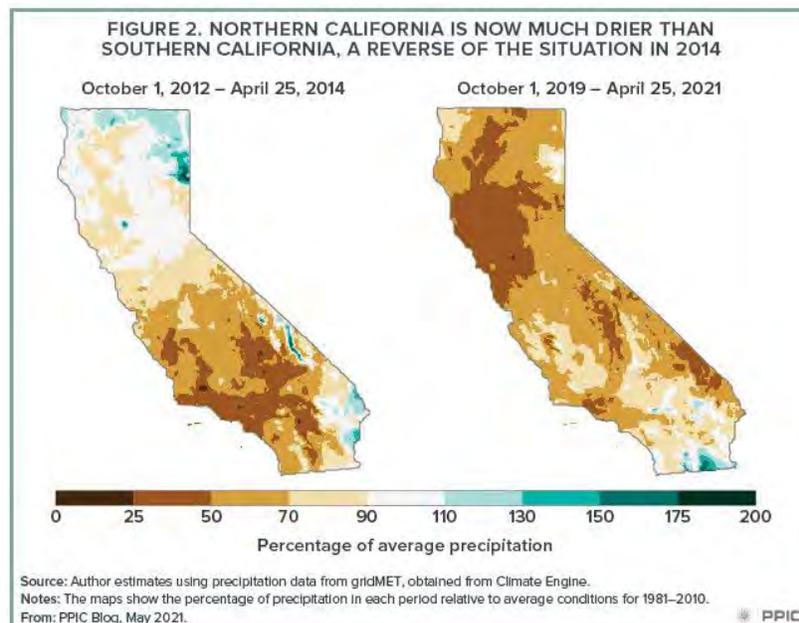
Not “natural disasters;” part of California’s natural system.



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Drought



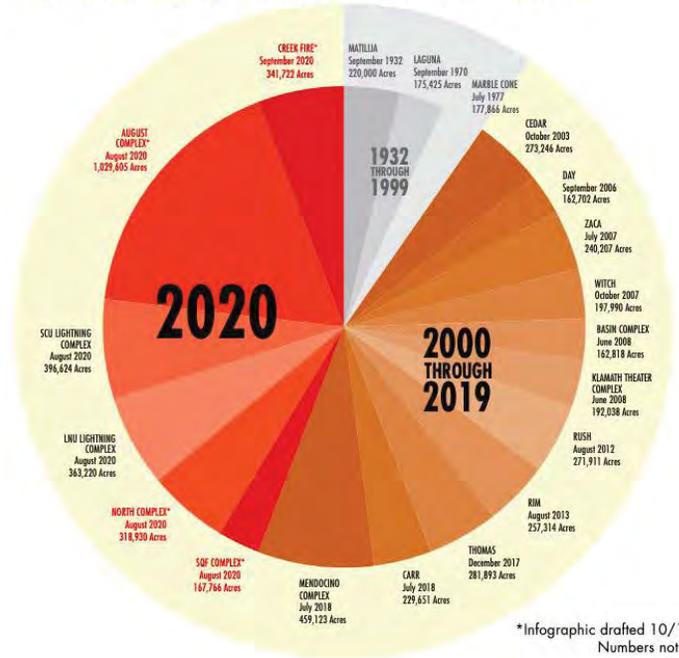
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Fire

TOP 20 LARGEST CALIFORNIA WILDFIRES



*Infographic drafted 10/13/2
Numbers not final

www.lgc.org

Flood



Oroville Dam
February 2017



December 2003

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January & February 2019

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Reinforcing Feedback Loop

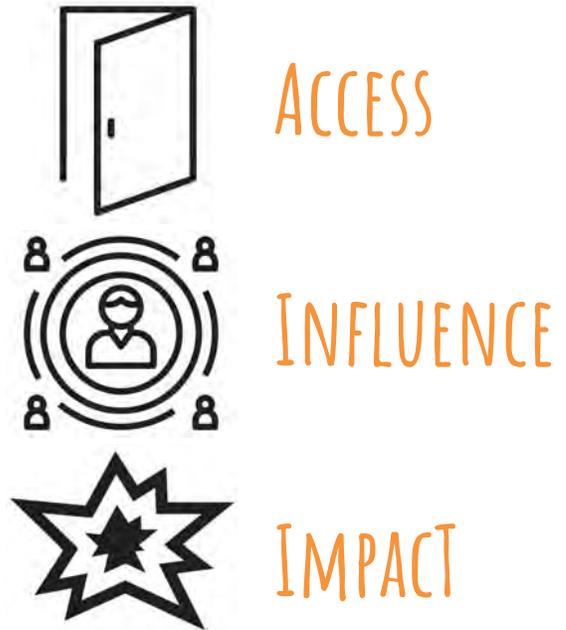
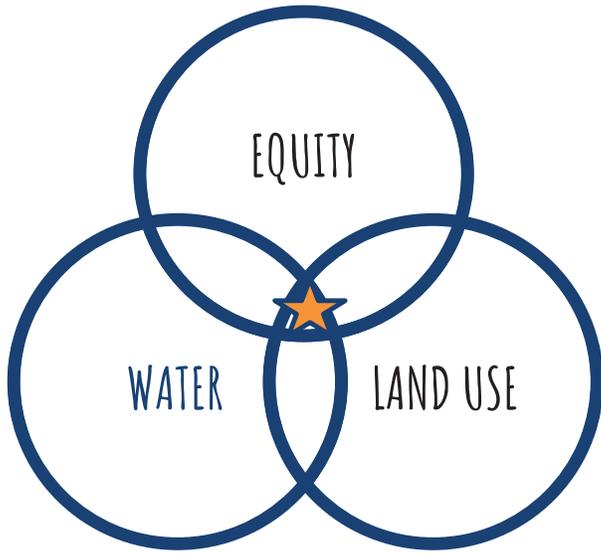
- Drought and fire intensification are intrinsically linked
- COVID financial impacts were only exacerbated by fires
- 3 of the past 4 years have cost **\$10 billion annually in damages**



Inequity



How equity intersects water & land use...



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Governance & Planning

Predominant Culture of Natural Resource Management & Planning



Institutionalized Isolation

Local Water Planning

Local Land-Use Planning

Regional Water Planning

Regional Land-Use Planning

Interdependent Impacts

Local Water Planning

Local Land-Use Planning

Regional Water Planning

Regional Land-Use Planning

Affordable Housing

Water Rates

Ecosystem Protection

Water Quality

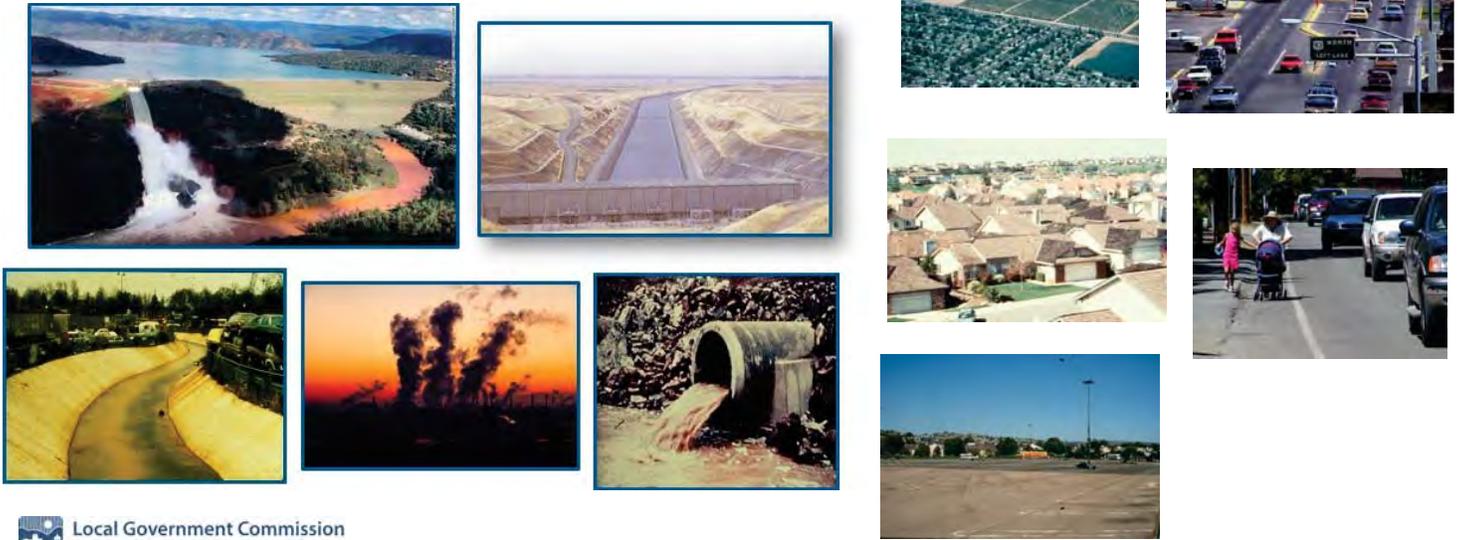
Affordable Housing

Water Quality

Ecosystem Protection

Ecosystem Protection

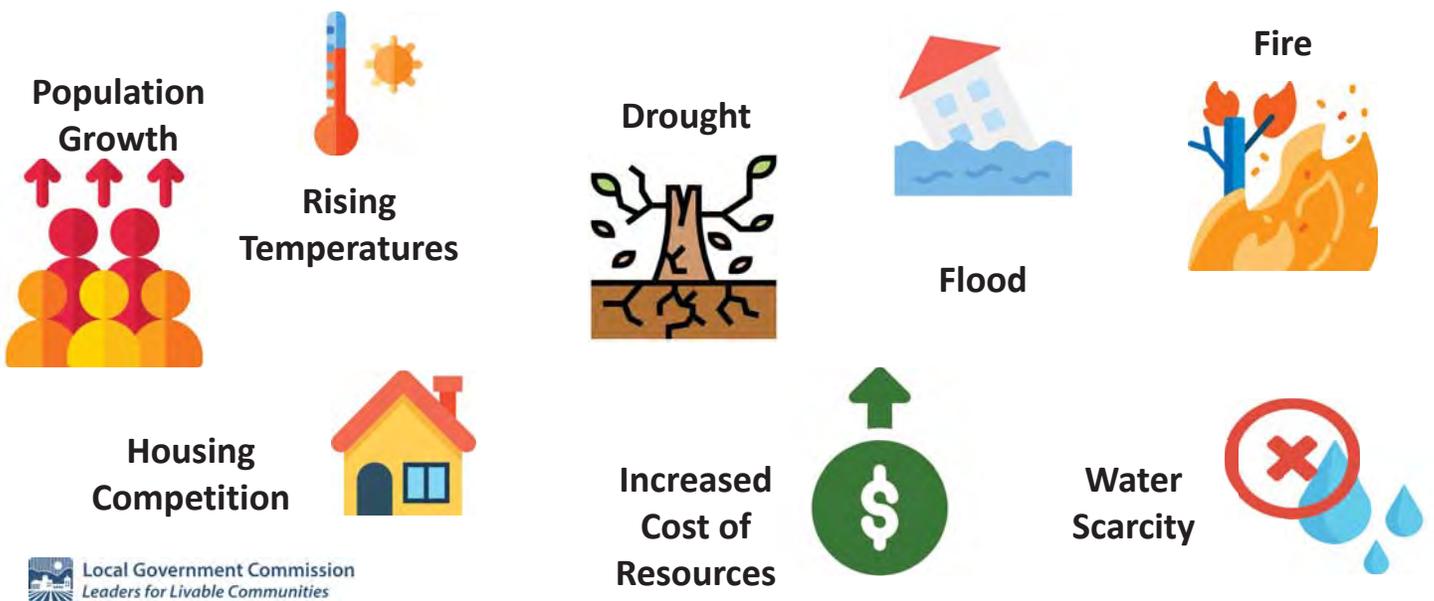
Reckoning with unintended consequences...



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... and compounding challenges.

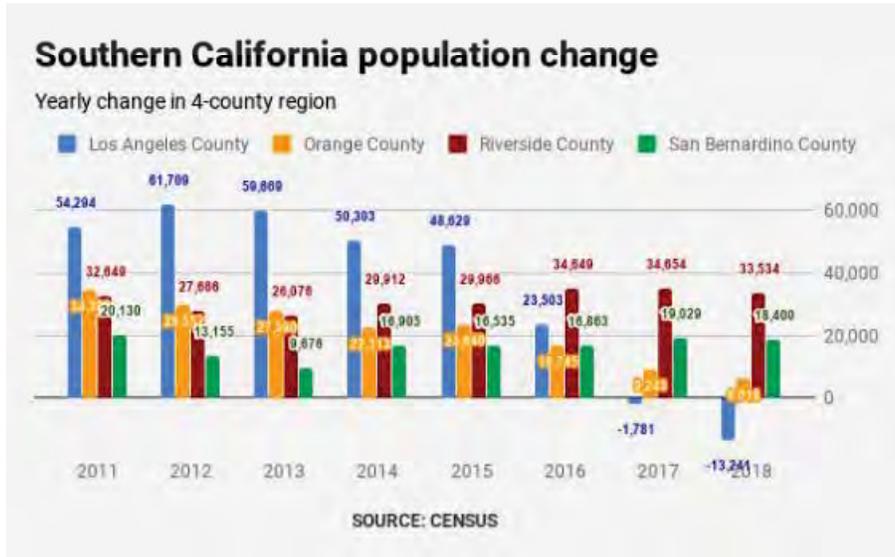


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Attachment: PowerPoint Presentation - Equitable Integrated Planning for Watershed-Wise Resilient Recovery (Water Supply & Drought Update)

We must plan for continued growth...



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Inland Empire homeless population rises

By IE Business Daily on May 13, 2019

California Enjoys Respite From Fires, But More Danger Looms

Lack of rain means the state remains at risk of more potentially deadly wildfires, particularly in Southern California

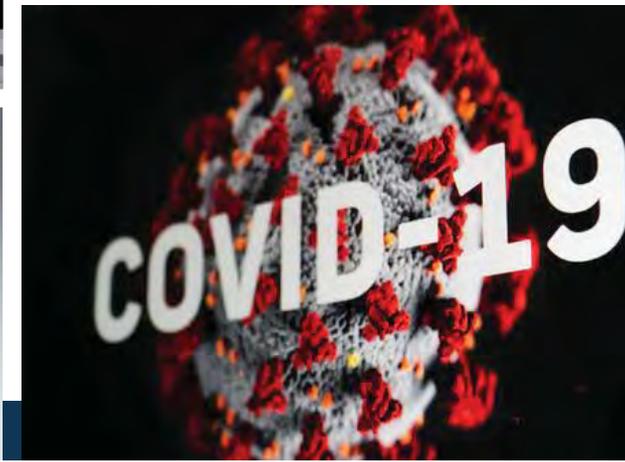
Los Angeles Times

Southern California must plan for 1.3 million new homes in the next decade, Newsom says

High rents in Riverside, San Bernardino counties contribute to 'homelessness crisis'

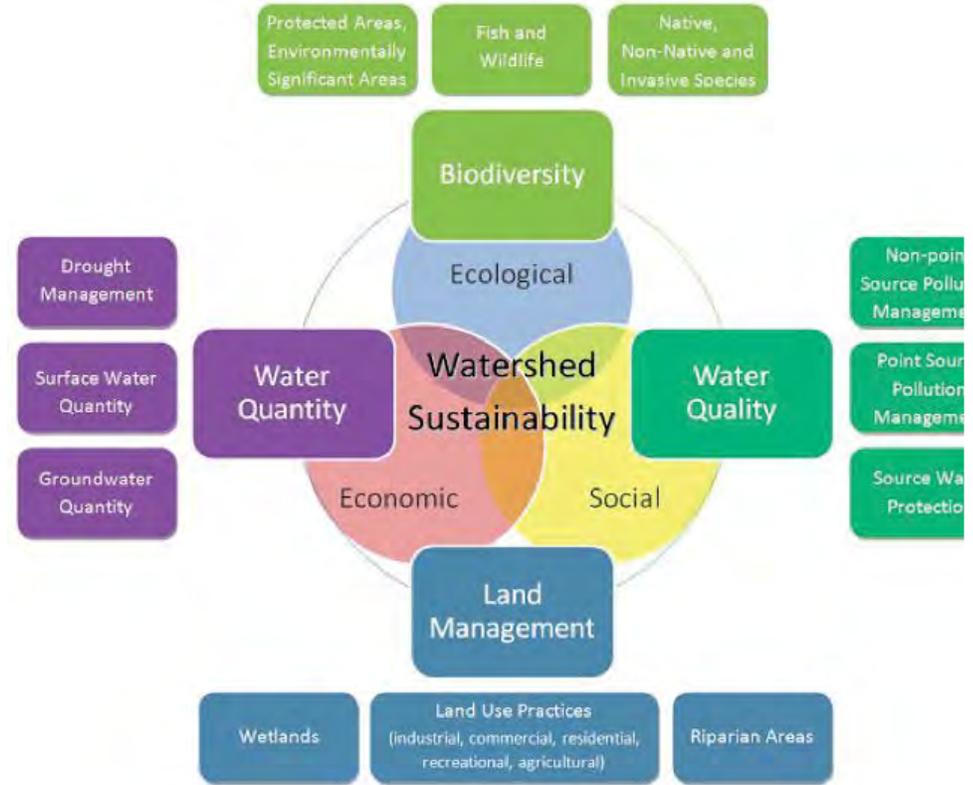
Trump has directed his administration to tackle homelessness in California

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What We Need: *Coordinated, Regional, Preparedness*

Integrated planning and management on the watershed scale.



Achieving systemic integration of water and land use requires statewide coordination and leadership.

Statewide Recommendations

- Upgrade existing infrastructure before building new.
- Coordinate land, water, flood, fire & climate planning.
- Align data and analytics for regional land use & water.
- Multi-solve through local green infrastructure.

1. Promote cross-sector coordinated planning and management of land use, water management, flood mitigation, and climate adaptation.



Image source: Local Government Commission, CAF Focus Group

2. Ensure state and local investments are directed toward multisolving green infrastructure projects developed at local scales with robust community engagement.



Image source: Los Angeles County Public Works

3. Prioritize infrastructure investments that support existing communities, especially those experiencing disadvantages, before new development.



Image source: Walt Mancini/Pasadena Star-News/SCNG

4. Require additional sophistication in growth projections and coordinated planning for both land use planning and water management agencies.

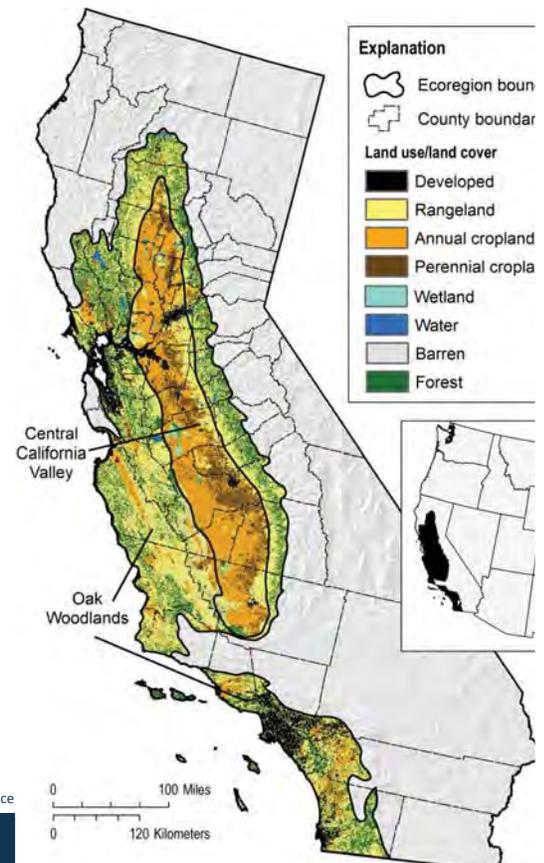


Image source: IOP Science

How We Get There

Integration strategies
applied at the
regional or local scale.



Regional Recommendations



Advocate for water access & affordability for underserved communities



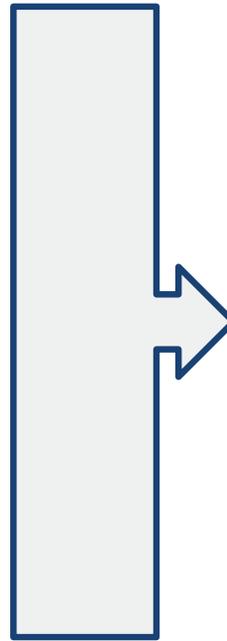
Develop local leadership in the water and land use sectors



Provide venues for regional leaders to collaborate on water & land use projects



Build political will for alignment between equity, water, and land use



ACHIEVE water and land use integration



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Pilot Program: Bringing *Growing Water Smart* to CA

1 Community Assessment



2 Workshop



3 Action Plan



4 Technical Assistance



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Growing Water Smart

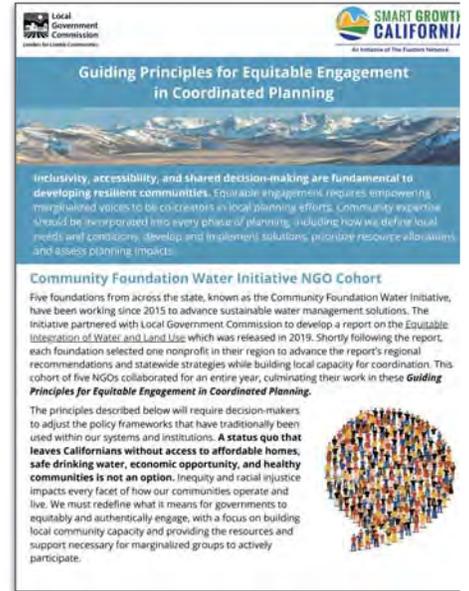
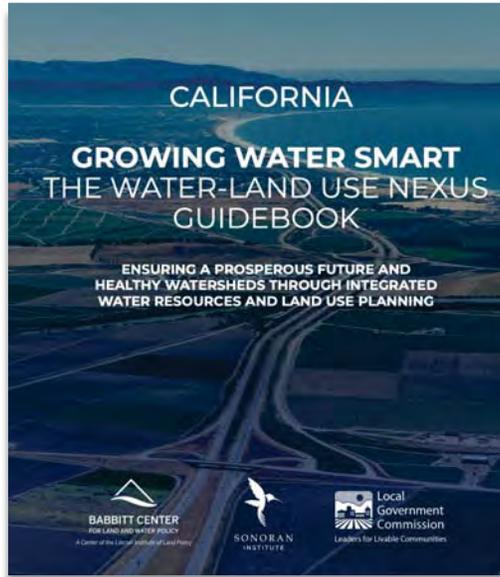
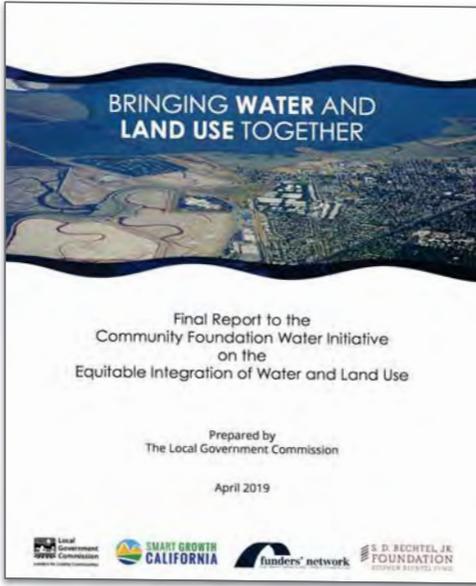


CivicSpark



- CivicSpark is Governor's Initiative AmeriCorps program addressing environmental & social equity challenges through public sector capacity building
- 2021-22 CivicSpark Partner Application Now Open

Additional Resources



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Pandemic Recovery and Beyond Series

Resilient Watersheds and Fire Management

California is in the midst of the COVID-19 pandemic during the second worst drought in the past 120 years. Simultaneously 2020 was named the largest wildfire season recorded in California's modern history and included the first "super" - the August Complex fire, which burned more than 1 million acres.

The drought-fire-flood cycle, drought and fire intensification are intensifying fires on people on people. Drought increases fire risk while wildfires limit and impact our water supplies. Drying of vegetation from drought creates more fuel for fires. Fire reduces forest carbon sequestration, increases releasing more greenhouse gases, causing air temperatures to increase. With increased temperatures, more moisture evaporates from land and lakes, rivers and other bodies of water. These watersheds are additionally impacted because fire makes the landscape allowing more runoff and debris into our water supplies. In a post-fire landscape, vegetation crucial for groundwater recharge can take years to regrow.

With the pandemic complicating and slowing resource management and emergency response, capacity and practices, a focus in better management approaches, particularly controlled burns, increases our current vulnerability and leaves Californians in a heightened state of risk. Agencies at all levels of government must develop strategies to confront with the multi-faceted challenges that Californians are experiencing now and will continue to experience in the years to come.

Logos: Local Government Water Commission, The California Endowment

April 2021

Building Broadband Access for Stronger Communities

In today's world, access to high-speed internet is essential for economic recovery, education, and social connectivity. It is not however fully available for many rural and urban communities. Broadband is not only a necessity, but also a catalyst for economic growth and social connectivity. It is a key to economic recovery and social connectivity. It is a key to economic recovery and social connectivity. It is a key to economic recovery and social connectivity.

Logos: Local Government Water Commission, The California Endowment

June 2021

Water Accessibility and COVID Lessons for Resilience

Shutoff restrictions: Helping customers keep the water on after the pandemic.

Logos: Local Government Water Commission, The California Endowment

May 2021

Telework and the Future of Economic and Social Prosperity

Benefits of Maintaining Network Policies

Logos: Local Government Water Commission, The California Endowment

April 2021

Reimagining Our Streets

Logos: Local Government Water Commission, The California Endowment

June 2021

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Fundingresource.org

I want funding for...



Active Transportation



Affordable Housing



Drinking Water



Parks



Public Transit and Shared Mobility



Stormwater



Street Repair



Wastewater Management

Clean Water State Revolving Fund – California State Water Resources Control Board

<p>Who is Eligible</p> <p>Cities, towns, districts, or other public bodies, nonprofits, federally recognized tribes or state tribes (must have jurisdiction over disposal of sewage, industrial wastes, or other waste).</p>	<p>What it Funds</p> <p>Construction of publicly-owned treatment facilities such as wastewater treatment, local sewers, sewer interceptors, water reclamation and distribution, stormwater treatment, combined sewers, or landfill leachate treatment, implementation of nonpoint source pollution in agriculture, forestry, urban areas, marinas, hydromodification, and wetlands.</p>	<p>When to Apply</p> <p>Applications are accepted on a continuous basis.</p>	<p>Available Funds</p> <p>Average \$570 million/year. Grant maximum of \$100million.</p>	<p>Award Size</p> <p>Small, Medium, and Large</p>	<p>Level of Effort to Apply</p> <p>Medium to High</p>	<p>Competitiveness</p> <p>23 out of 89 proposals funded (2017).</p>
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[More Information](#)

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Funding Navigation
for California Communities

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To help advance equitable, integrated planning & resilient recovery...

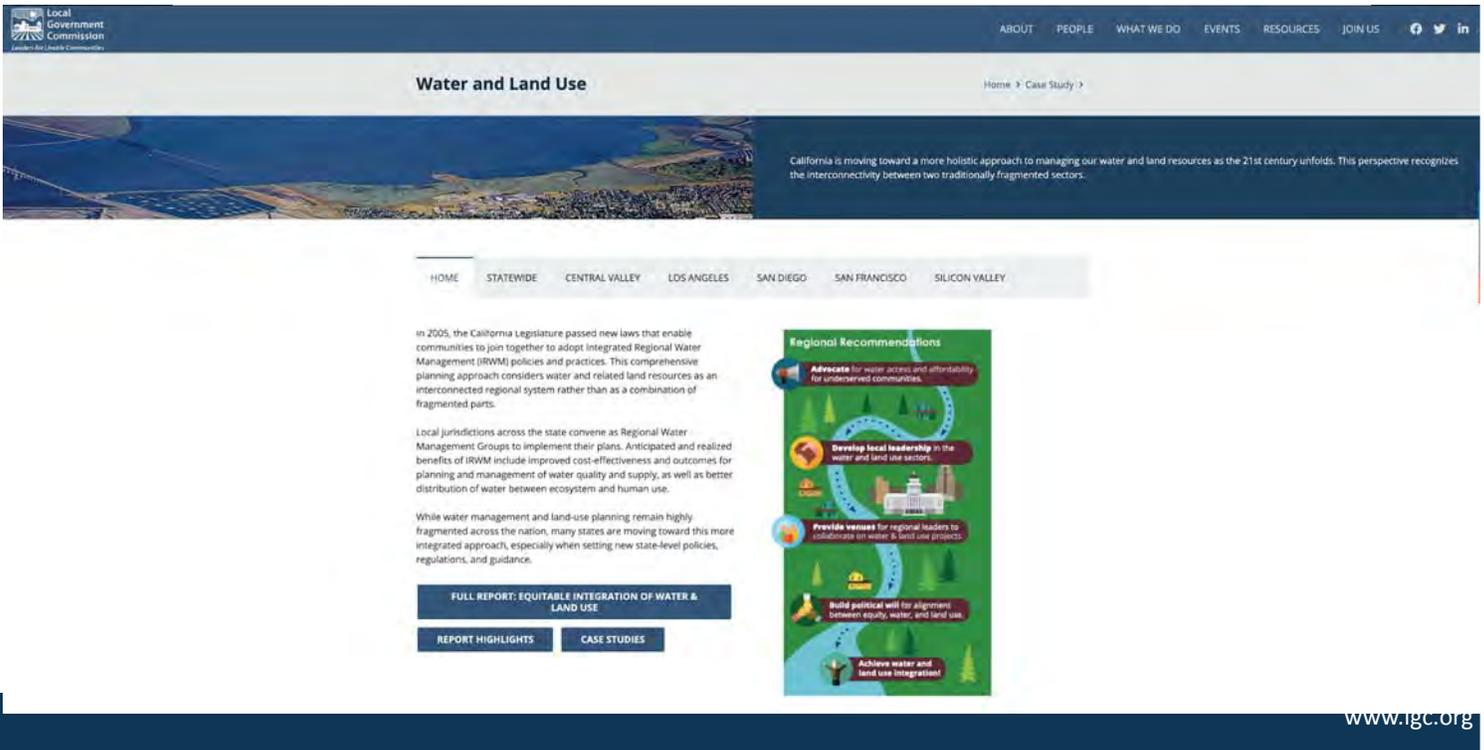
I WILL

Thank You

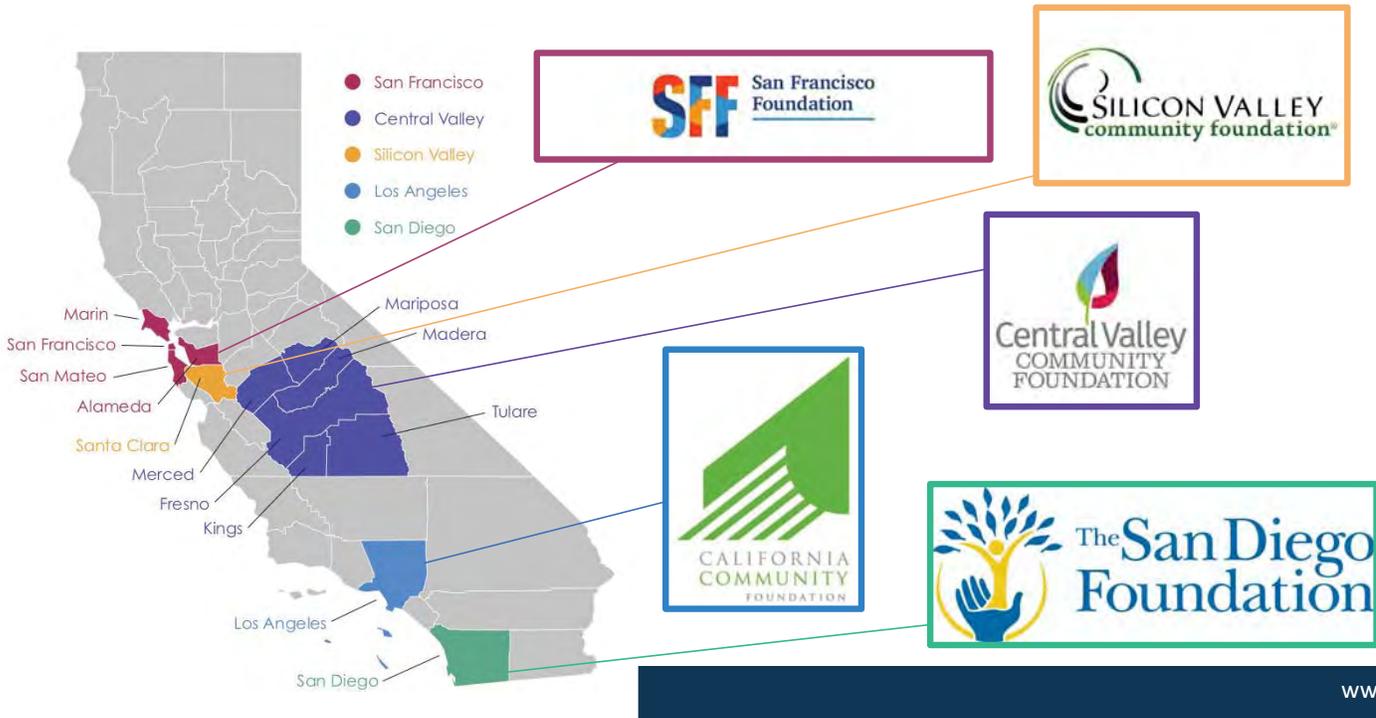
“While the pandemic has tested our resilience at all scales and in countless ways, California can use its proven adaptability to achieve true and long term resilience through integrated wildfire and watershed management across the state.”

Danielle V. Dolan
Water Program Director
ddolan@lgc.org

EXTRA SLIDES



Community Foundation Water Initiative



Research Stats

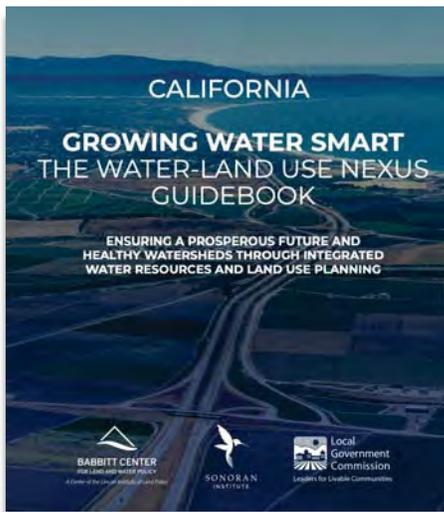
EXPERT INTERVIEWS			
	Local / Regional	Statewide	Totals
CFWI Members	5	3	8
Water Expert	8	4	12
Land Use Expert	7	4	11
Water & Land Use Expert	5	3	8
Totals	25	14	39



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California Water-Land Use Guidebook



INTERVENTION POINT	MECHANISMS	PURPOSE
Planning & Policy Making	Water Plans General Plans Capital Improvement Plans	Establishes goals and objectives for managing the intersection of natural resources and the built environment.
Pre-Development	Water Adequacy Laws Water Supply Assessments Written Verifications	Links new development to water supply planning.
At Development Review	Zoning and Subdivision Regulations Annexation Policies Planned Development Policies Development Agreements	Determines what water resource management, conservation and efficiency requirements are applied to development.
At Building & Construction	Building, Plumbing and Landscaping Codes	Links new development to water supply planning.
Post-Occupancy Education	Conservation & Efficiency Incentives Outdoor Watering Restrictions Water Budgets & Auditing	Empowers and incentivizes homeowners and renters to reduce water consumption.

lgc.org/gw

www.lgc.org

Attachment: PowerPoint Presentation - Equitable Integrated Planning for Watershed-Wise Resilient Recovery (Water Supply & Drought Update)

Example:



Fuel Load Reductions

Proactive steps can be taken now to reduce the amount of combustible materials that would carry and exacerbate fire.

- **Thinning**
- **Biomass Removal**
- **Controlled Burns**
 - Tribal Ecological Knowledge (TEK)



Case Studies

Cultural Burns as Fuel Reduction

- Kuruk Tribe's Study on Barriers to the Expansion of Cultural Burning
- Yurok Cultural Fire Management Council
 - Fuel reduction through cultural burns

Santa Ana Watershed Forest First Program

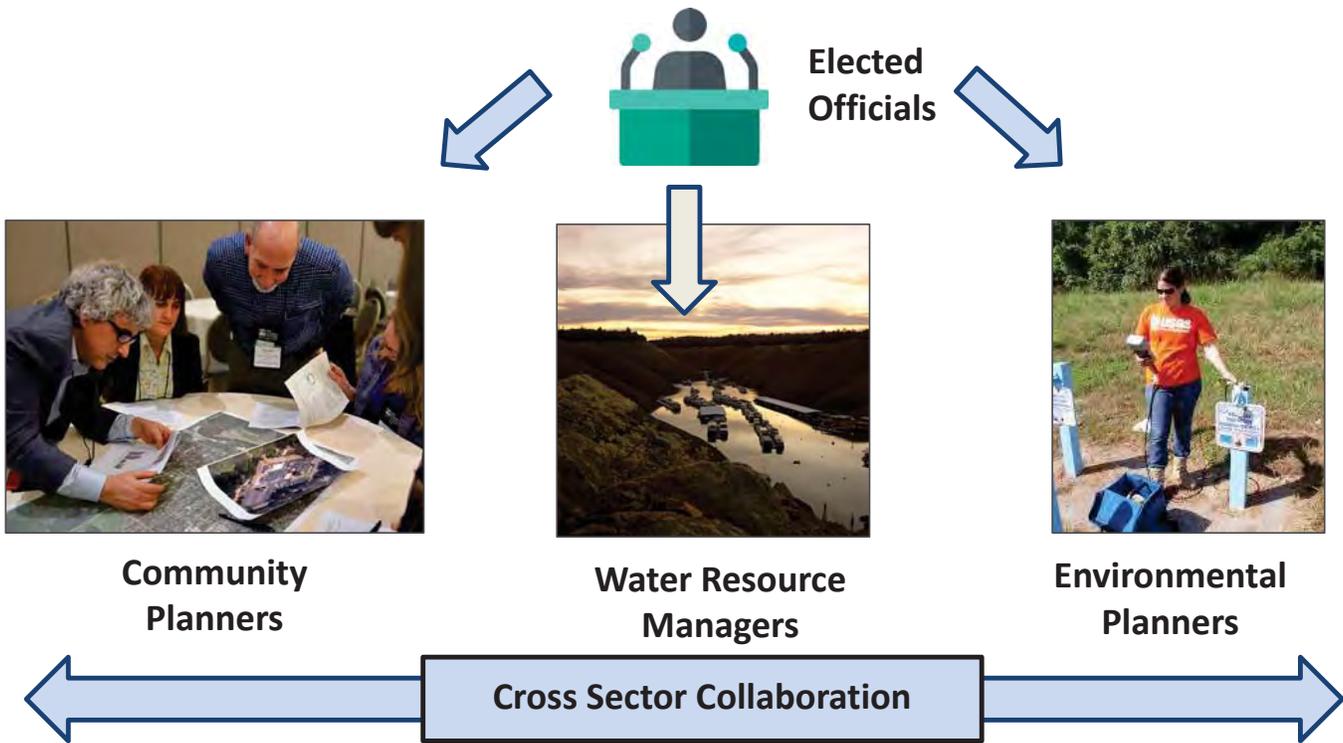
- Collaborative partnership
- Valuation of Economic Benefits
- Funded tree thinning



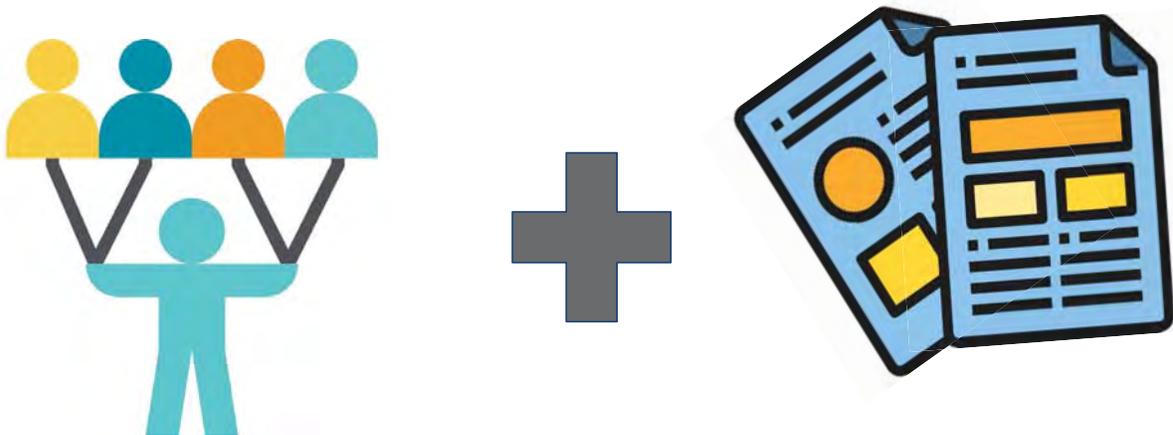
Whenever you say "yes" to something, you're saying "no" to something else.



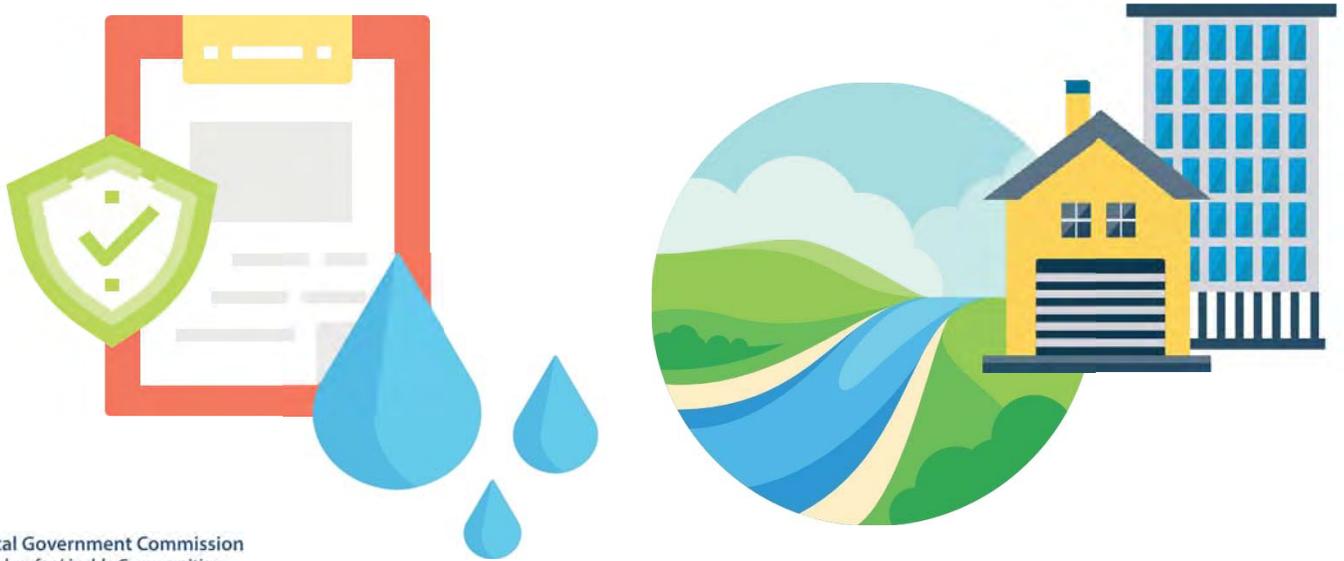
A Different Approach



It all comes down to agencies and plans.



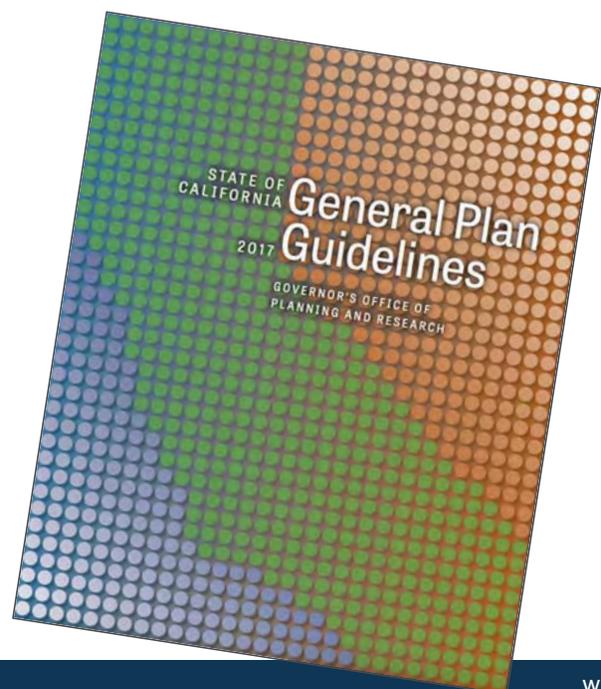
What are the integration leverage points for a local government?



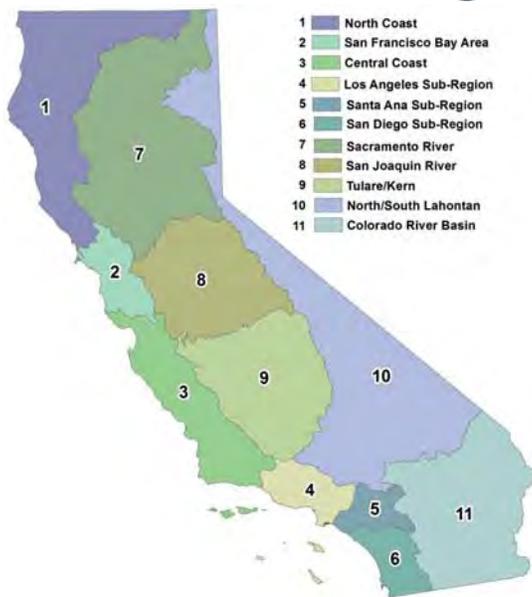
Water in General Plans

Mandated elements:

- Land Use
- Open Space
- Conservation
- Housing
- Circulation
- Noise
- Safety



Land Use Planners & Watershed Management



Department of Water Resources map of IRWM regions

Streamlined Processes & Integrated Projects



- Projects that “Multi-solve”
 - Equity
 - Public Health
 - Habitat
 - Water Quality
 - Water Quantity
 - Housing
 - Transportation

Integrating Green Infrastructure



Climate Action Planning



#1
Baseline
Inventory



#2
Adopt
Target



#3
Forecast
Emissions



#4
Strategy
Selection



#5
Funding &
Implementation

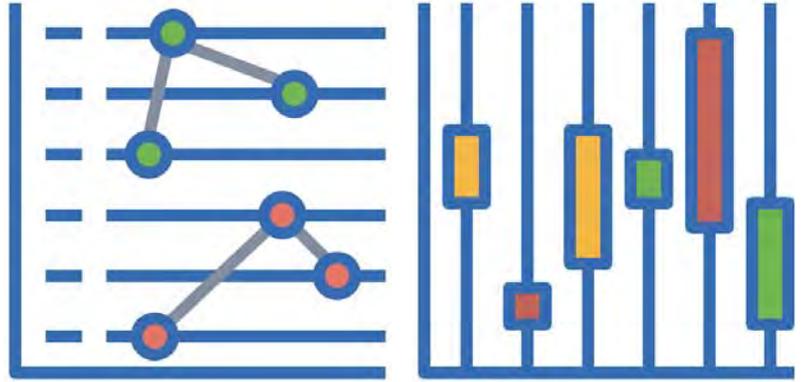


#6
Monitor & Track
Progress

Climate Action Resource Guide from California Air Resources Board

Coordinated Data

- Population Growth
- Water Supply
- Development
- Land Use Patterns



Holy Fire Flooding Video

<https://www.youtube.com/watch?v=zTwsdAvQCDg>

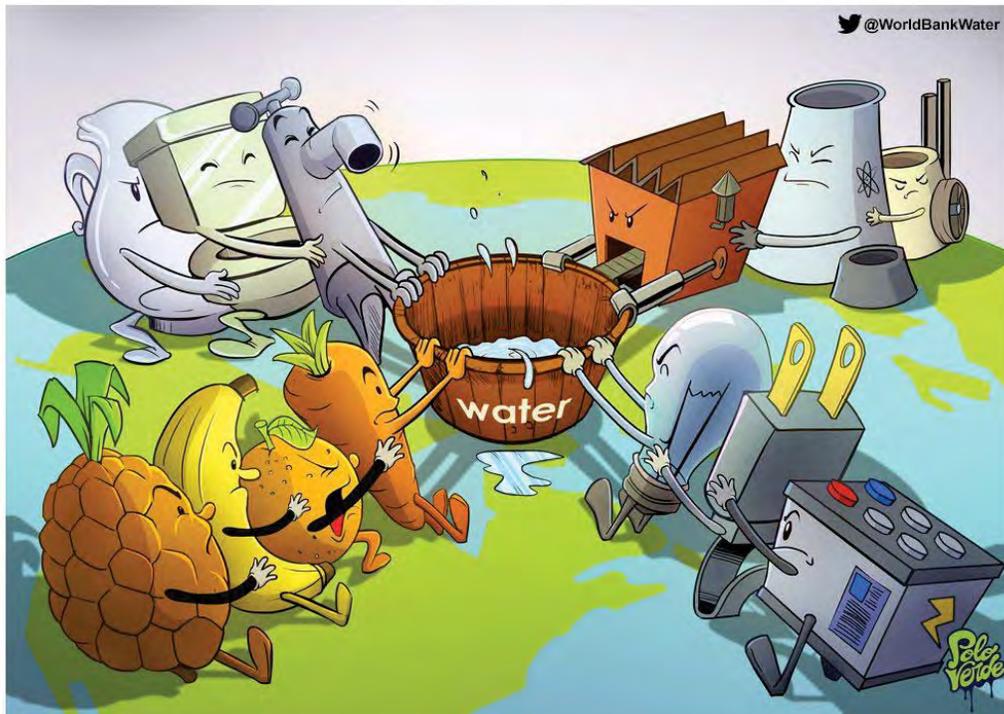
A New Way of Thinking



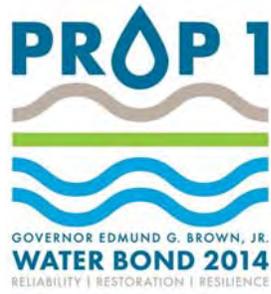
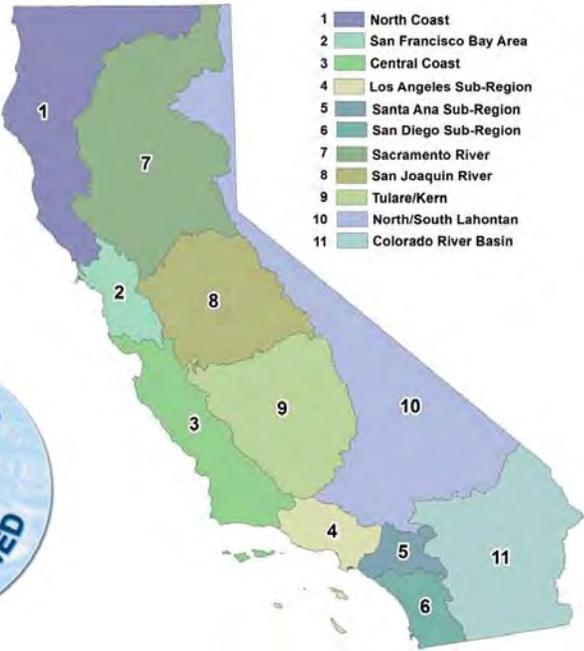
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Our Collective Water Use



In Practice: Integrated Regional Water Management the planning & funding program



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Attachment: PowerPoint Presentation - Equitable Integrated Planning for Watershed-Wise Resilient Recovery (Water Supply & Drought Update)

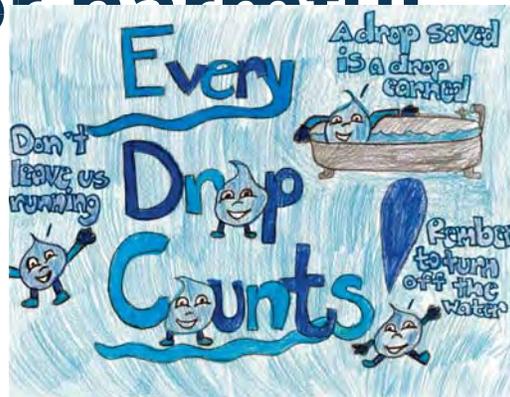


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Traditionally, we thought of water as “good” or “bad” - beneficial or harmful

This divide is echoed in the infrastructure we built (think back to the social-ecological system).



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LGC Report: Equitable Water & Land-Use



- Advocate** for water access and affordability for underserved communities.
- Develop local leadership** in the water and land use sectors.
- Provide venues** for regional leaders to collaborate on water & land use projects.
- Build political will** for alignment between equity, water, and land use.
- Achieve water and land use integration!**

What's the Best Type of Virtual Event for You?

To select the best type of engagement event for your situation, consider the most appropriate format and mechanism(s) for achieving your objectives.

MEETING: An occasion when people come to gather to discuss or decide something. Virtual meetings can be a basic conference call or video conference, with a simple agenda.

FORUM: An assembly for discussion, with opportunities for all participants to share information. Virtual forums require a more carefully structured agenda, and likely the use of breakout groups.

SUMMIT: An official meeting or series of meetings between key officials, decision-makers and/or leaders in their field to discuss important issues, policy decisions and aspirational goals.

A virtual summit will likely be invite-only, include video-conferencing, and have a structured (rather than free-form) discussion format.

SYMPOSIUM: A formal meeting of specialists, delivering short addresses on a topic or on related topics. The emphasis is on knowledge-sharing and increasing understanding, rather than dialogue or decision-making.

A traditional webinar structure, in which only the presenters are on video but attendees have the opportunity to ask questions (via chat or verbally), is appropriate.

CONFERENCE: A large official meeting, usually over multiple days at which people with shared work or interests come together to learn from one another and discuss their views. This is the most difficult type of event to replicate in a virtual setting, because of the wide audience and broad subject matter covered.

Some combination of video-conferencing, including large and small breakout groups, with a series of presentations or webinars over an extended time frame, is the closest approximation to an in-person event. Including breaks and interactive activities is especially important for virtual conferences.

WORKSHOP: A brief (1/2-2 day) intensive educational program for a relatively small group of people that focuses especially on techniques and skills in a particular field.

Small-group discussions and interactive activities in which participants can practice the skills they are learning are critical for virtual workshops. A robust video-conferencing platform paired with other interactive apps is the best fit.

TRAINING: A very brief (1-3 hours) course to assist in learning new skills needed to complete a job or task. More narrow in scope than a workshop, a virtual training can be conducted via a traditional webinar format, or with greater

Key Considerations

for effective virtual engagement

1 Embrace the Virtual World, Embrace Humanity

Resist the urge to simply convert an in-person event to a virtual one. It's almost apples and oranges; you will need to completely re-evaluate the engagement – the structure, interactions and results – as a whole.

What would you normally do in an in-person setting, and how can you provide a similar experience or value in the virtual environment?

- Flip charts and stickies vs. virtual white-board, comment box.
- Small-group discussions in physical space vs. virtual breakout rooms.
- Informal networking and talking with one another during breaks vs. providing prompts for individuals to connect one-on-one via chat:

"Find someone whom you don't know, and private-chat

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Project Overview

<p>Energy Efficiency & Clean Energy</p> <p>Benchmark, Report & Analyze City Facilities' Energy Performance</p> <p>Community Sign-up Workshops for Free Home Solar Systems</p>	<p>Zero Waste</p> <p>Richmond High School 3 Stream Recycling Program</p> <p>New Recycling Facilities Along Public Right-of-Ways & High-Use Parks</p> <p>New Organics Recycling Program at Richmond's Community Centers</p> <p>New Recycling Program at the 144 Unit Affordable Housing Nevin Apartment Complex</p>	
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Outcomes & Achievements

- Benchmarked energy and resource consumption to reduce costs and improve energy efficiency at 10 Community Centers, 3 Libraries, and 7 Fire Stations.
- Led outreach, developed promotional material, and organized two community sign-up workshops for free home solar systems. A total of 62 households attended and 35 applications were submitted.
- Implemented organics recycling in 3 Community Centers.
- Coordinated informational recycling presentations for 2 Community Center Summer Youth Camps.
- Implemented recycling program at the 144 Unit Affordable Housing Nevin Apartment Complex.

Highlights

- The Governor's Office of Planning and Research selected the City of Richmond for a Best Practices Pilot Project - Phase 1.
- Led City Council approval of \$415,000 recycling enhancement & public art project of 210 City trash bins starting October 2016.
- Designed and procured 7,700 multilingual reusable bags to promote recycling and foster civic pride.
- The CDP selected the City of Richmond to be included as a case study in the CDP cities global report on financing/incentives for urban sustainability projects.



Project Overview

About L.A. County COS

The L.A. County Office of Sustainability (COS), part of the Internal Services Department, coordinates sustainability programs in County facilities, including energy efficiency, renewable energy, water efficiency, and other green building services programs approximately 1,200 facilities in the County's portfolio, there are significant opportunities for water savings in County operations.

CivicSpark Member Project

CivicSpark member Erin Brewster was tasked with supporting COS's new water conservation program through the development of a comprehensive water conservation cost-benefit analysis tool to identify and prioritize potential water savings opportunities County facilities. The tool uses basic information provided by facility managers to estimate potential water savings from plumbing fixture upgrades, advanced water treatment for cooling towers, and replacing ornamental turf with drought-tolerant landscape in addition to estimating water savings. The analysis tool quantifies the co-benefits associated with water conservation programs including cost savings and GHG emissions reductions. After the Governor's April 1st Executive Order on the drought, Erin used this tool to help analyze the financial impact of the emergency water use regulations on the County's building portfolio and identify new priorities for water conservation projects.

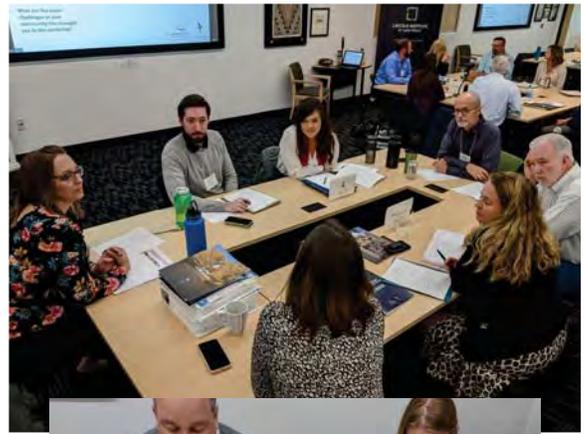
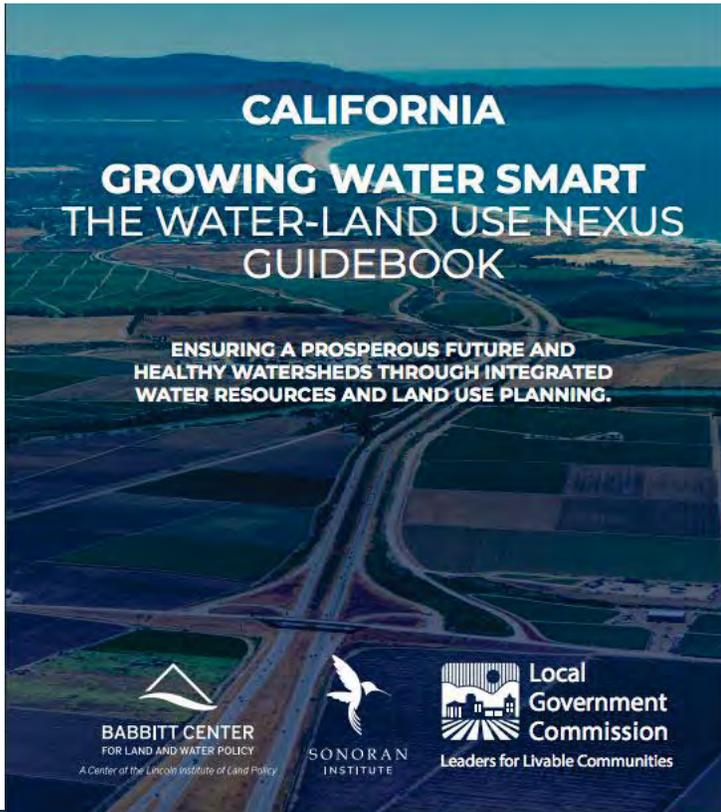
More than just a drop in the bucket...

The water conservation cost-benefit analysis tool was used to estimate the potential water savings at all County-owned facilities. The results suggest a total potential savings of 10-15% from proposed upgrades, or 180-280 million gallons annually. This represents \$1.7M in avoided costs and more than 300 MTCO₂e of GHG emissions reductions annually.

Creating lasting change

The County water use analysis led to the following recommendations:

- Prohibit the installation of new ornamental turf at all County facilities unless non-potable water is used for irrigation and encourage drought-tolerant landscaping.
- Replace all noncompliant plumbing fixtures in County-owned buildings by 1/1/2015.
- Upgrade water treatment systems to conserve water in cooling towers, if applicable.
- Implement a Countywide behavioral water conservation outreach program.

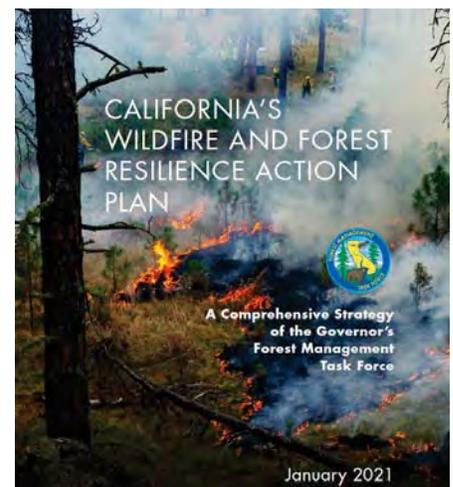


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State Action

Our forest techniques are not cutting it!

- AB 78 Climate Catalyst Revolving Loan Fund
- Wildfire and Forest Resilience Action Plan
- Governor's 2021-2022 budget



Engaging a Multi-Disciplinary Audience



Air Quality



Equity and Justice



Planning and Urban Design



Agriculture



Emergency Management



Public Health



Biodiversity and Habitat Conservation



Energy



Transportation



Forestry



Ocean and Coastal Management



Water



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Agencies

Local

Water

- Water agencies
 - Cities/Countries
 - Special Districts

Local

Land-Use

- Local Government
 - City
 - County
- Local Area Formation Commissions

Regional

Water

- Regional Water Management Groups
- Groundwater Sustainability Agencies

Regional

Land-Use

- Local Area Formation Commission
- Metropolitan Planning Organizations
- Council of Governments



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Planning Documents

Local	
Water	<ul style="list-style-type: none">• Urban Water Management Plan• Stormwater Management Plan• Groundwater Management Plan (Non-SGMA)
Regional	
Water	<ul style="list-style-type: none">• Integrated Regional Water Management Plans• Groundwater Sustainability Plans• Stormwater Resource Plan

Local	
Land-Use	<ul style="list-style-type: none">• General Plan• Community Plan• Specific Plan• Local Hazard Mitigation Plans
Regional	
Land-Use	<ul style="list-style-type: none">• Regional Blueprints/Greenprints• Sustainable Community Strategies

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