

# URBAN FORESTS FOR CLIMATE SOLUTIONS

9.15 AM – 11 AM LIGHTNING ROUNDS

## DAN FLANAGAN

Executive Director  
Friends of the Urban Forest  
San Francisco, California



## EVENT OVERVIEW

Dan Flanagan is a seasoned leader, team-builder, fundraiser and fiscal manager, with more than two decades of service in the non-profit world. He is currently the Urban Forest and Chair of the San Francisco Urban Forestry Council. Previously, he held leadership positions at Frameline, Yosemite National Institutes, and the North Carolina Outward Bound School. Dan's earlier career in the private sector included the position of Chairman and CEO of the Wall Street investment firm of Josephthal and Company, Inc. He earned bachelor degrees in History and French at Middlebury College and a Degree Supérieur at the Université Aix-en-Provence.

## SENATOR SCOTT WIENER

California's 11th State Senate District  
San Francisco, California



## WELCOME TO SAN FRANCISCO & OPENING REMARKS

Elected in November 2016, Senator Scott Wiener represents District 11 in the California State Senate. District 11 includes all of San Francisco, Broadmoor, Colma, and Daly City, as well as portions of South San Francisco.

During his first year in the Senate, Senator Wiener passed 11 bills that were signed into law, including a landmark bill to streamline housing approvals in cities not meeting their housing goals. The bill, Senate Bill 35, was central to a broad housing package that will make it easier to build housing and generate billions in new funding for affordable housing.

Senator Wiener serves as Chair of the Senate Human Services Committee, where he is working to expand California's social safety net, including leading an effort to stem California's high rates of food insecurity and youth homelessness. He also serves on the Transportation and Housing Committee, the Energy, Utilities and

Communications Committee, the Appropriations Committee, and the Public Safety Committee.

Wiener received a bachelor's degree from Duke University and a law degree from Harvard Law School. He spent a year in Chile on a Fulbright Scholarship doing historical research. Wiener has lived in the Castro neighborhood for nearly 20 years.

## ASSEMBLYMEMBER EDUARDO GARCIA

California's 56th Assembly District  
Coachella, California



## ENVIRONMENTAL EQUITY & ECONOMICS

Eduardo Garcia proudly represents California's 56th Assembly District, which includes cities and unincorporated communities in eastern Riverside County and Imperial County. Elected in 2014, Garcia is the current chair of Water, Parks and Wildlife and oversees some of the state's most pressing issues, such as drought conditions and the implementation of the multi-billion dollar Proposition 1, the Water Bond passed by voters in 2014.

In his first term, Garcia was appointed to chair the Assembly Committee on Jobs, Economic Development, and the Economy. As chair, Garcia was responsible for leading the Assembly's review of policies and legislation related to small business development, international trade, and other economic development related issues to help create a more robust and inclusive economy.

Included in this string of success was SB 32 and AB 197, the historic climate change package that established landmark state emission reduction mandate, boosted oversight and transparency of the Air Resources Board while constructing the framework to ensure future climate policies prioritize investments into disadvantaged communities that are most affected by pollution.

A graduate of local public schools, Garcia attended Coachella Valley High School and the University of California, Riverside. He earned a Master's Degree from the University of Southern California School of Policy, Planning and Development. He also completed the "Senior Executives in State and

## SAN FRANCISCO MAIN LIBRARY

Local Government" Public Administration program from the John F. Kennedy School of Government at Harvard University.

## DR. GEOFFREY DONOVAN

Research Forester,  
US Forest Service  
Portland, Oregon



## URBAN FORESTS, PUBLIC HEALTH, & CLIMATE CHANGE

Dr. Donovan has quantified a wide range of urban-tree benefits. These have ranged from intuitive benefits—reduced summertime cooling costs and increased home values, for example—to less intuitive such as crime reduction. More recently, he has focused on the relationship between trees and public health. He found that mothers with trees around their homes are less likely to have underweight babies, and when trees are killed by an invasive pest, more people die from cardiovascular and lower-respiratory diseases. He spent 2017 at the Center for Public Health Research at Massey University investigating the impact of exposure to the natural environment on child development.

## CHUCK MILLS

Director of Public Policy & Grants,  
California ReLeaf,  
Sacramento, California



## CALIFORNIA'S CAP & TRADE & URBAN FORESTS

Chuck has been an integral part of California ReLeaf for more than two decades, and brings a wealth of knowledge and 28 years of experience in natural resource conservation to the organization. As both a board member and staff at California ReLeaf, Chuck has shepherded successful policy through the State Legislature that expands opportunities for urban forestry, including the allocation of nearly \$60 million in cap-and-trade revenues to Cal FIRE for its Urban and Community Forestry Program since 2014. Prior to joining the California ReLeaf staff in August 2010, Chuck spent three years with the California Council of Land Trusts and 12 years at the Trust for Public Land in program management and

## HISPANIC/LATINO COMMUNITY ROOM

advocacy. Chuck holds varying degrees of degrees in communications, Canadian Studies, journalism, and government.

## MARK MCPHERSON

Founder,  
City Forest Credits  
Seattle, Washington



## INNOVATIVE FUNDING MECHANISMS

Mark is the Executive Director of City Forest Credits. Mark is a lawyer and business person and has been active in urban forestry for many years. He drafted the first conservation easement for the City of Seattle Heritage Tree Program over 25 years ago. He received a Founder's Award from a tree preservation group in Seattle for his legal work in many tree cases. For the ten years prior to founding this non-profit organization, Mark managed a business and co-founded a website. He has a Ph.D. and law degree from Harvard.

## KATHLEEN AVE

Climate Program Manager,  
Sacramento Municipal Utility District,  
Sacramento, California



## INNOVATIVE SOLUTIONS & ADAPTATION

As the Climate Program Manager in Energy, Strategy, Research & Development at the Sacramento Municipal Utility District, she directs their greenhouse gas research strategy, including climate readiness, water & energy, local carbon mitigation and sequestration initiatives. She also chairs the Capital Region Climate Readiness Collaborative, a public private partnership focused on long-term planning for the physical impacts of climate change.

## BRIGITTE ORRICK

Director of Recruiting & Employee  
Development, Davey Tree Expert  
Company, Kent, Ohio



## GROWING FUTURES: YOUTH, JOBS & WORKFORCE DEVELOPMENT

Brigitte leads a distributed team of regional recruiters specializing in talent community development. Prior to her role at Davey, she was the Workforce

## TUESDAY, SEPTEMBER 11, 2018

Development Director for the Tree Care Industry Association, where she lead a grassroots approach to address workforce shortages for 2400 companies by building relationships with institutions of higher education, apprenticeship agencies, workforce boards, and non-profit organizations focused on social and environmental justice.

Additionally, Brigitte was the Dean of Trade, Industry, and Apprenticeships at Nicolet College in Wisconsin and a Planning and Raw Materials Forester for Weyerhaeuser Corporation in Oklahoma and Georgia. Brigitte earned a BS in Forest Resource Management and a MS in Forestry and Wood Products from Virginia Tech.

## IAN LEAHY

Director of Urban Forestry,  
American Forests  
Washington, DC



## URBAN FOREST RESOURCES OVERVIEW

Ian has served as American Forests' Director of Urban Forestry since 2014. Through the award-winning Community ReLeaf initiative, he has developed a model that helps cities across the country build long-term capacity for managing their urban forests and addressing tree equity issues in low income communities. He has helped position American Forests as a national leader in integrating urban forestry expertise into the processes of building a city's tree canopy, including being instrumental in developing, managing and expanding the innovative, online Vibrant Cities Lab, in partnership with the U.S. Forest Service. Prior to American Forests, Ian served as the State Urban and Community Forestry Coordinator for the District of Columbia.

## Q & A MODERATED BY DAN FLANAGAN

11 AM – 1 PM

GET OUTSIDE, PLANT A TREE,  
OR SEE HOW TO MEASURE ITS  
CARBON BENEFITS



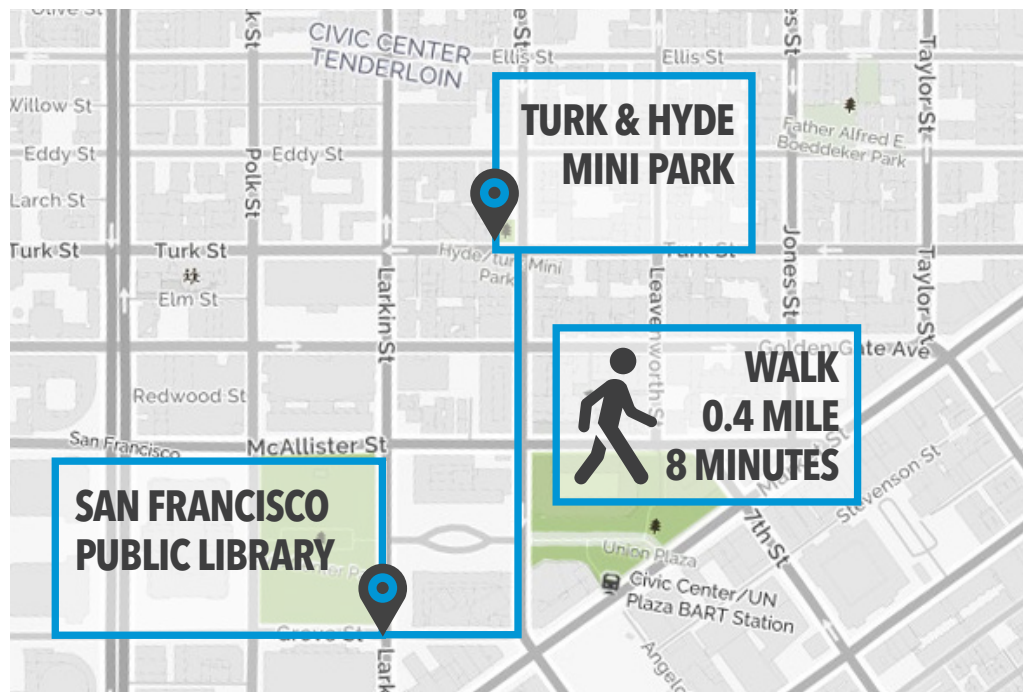
## EVENT PARTNERS



AMERICAN FORESTS



SF Environment  
Our home. Our city. Our planet.  
A Department of the City and County of San Francisco



## 11 AM TREE PLANTING & i-TREE DEMONSTRATION

Corner of Hyde & Turk Streets)

Tree Planting with San Francisco Public Works at a nearby mini-park

Demonstration of the US Forest Service's i-Tree Urban Forest Benefits tools by Erika Teach of Davey Tree Expert Company

## URBAN FORESTRY RESOURCES

### VibrantCitiesLab.com

A compendium of urban forest resources, including: research syntheses, case studies, & tools.

### iTreeTools.org

State-of-the-art, peer-reviewed software suite from the USDA Forest Service that provides urban and rural forestry analysis and benefits assessment tools.

### CityForestCredits.org

Unique bundled Carbon+ Credits for tree planting and preservation projects in cities.

### UrbanForestPlan.org

The 10 Year Urban Forestry Action Plan from the U.S. National Urban and Community Forestry Advisory Council and The Community of Practice: 2016-2026.

### UrbanForestCoalition.org

Sustainable Urban Forests Coalition – An assembly of national organizations working to advance a unified urban forest agenda.

## CAL FIRE URBAN FORESTRY GRANTS

[www.fire.ca.gov/resource\\_mgmt/resource\\_mgmt\\_urbanforestry\\_grants](http://www.fire.ca.gov/resource_mgmt/resource_mgmt_urbanforestry_grants)

Urban Forest Climate Change Grant Guidelines from the California Department of Forestry & Fire Protection (CAL FIRE).

**DID YOU KNOW?**  
EACH YEAR CITY FORESTS  
AROUND THE USA:



Sequester over 100M tons CO<sub>2</sub>  
& reduce heating use at \$3.1B



Reduce electricity use valued  
at \$4.7B & avoid emissions of  
pollutants at \$3.9B



Produce an average reduction in  
national residential energy use by  
7.2%



Deliver social benefits like crime  
reduction & environmental equity



Deliver economic benefits like  
diverse career opportunities  
& work force training\*

\*For the full story on what trees can  
do for cities, go to Vibrant Cities Lab  
[www.vibrantcitieslab.com](http://www.vibrantcitieslab.com)

# Urban Forests for Climate Solutions



**GLOBAL  
CLIMATE  
ACTION SUMMIT**  
AFFILIATE EVENT

**September 11th, 9 AM – 1 PM**  
**SF Public Library / Turk & Hyde Mini Park**

**9 AM – 11 AM: Dive into dynamic lightning round discussions**

**11 AM – 1 PM: Get outside, plant a tree, or see  
how to measure its carbon benefits**

**For more information visit: [UrbanForestsForClimate.org](http://UrbanForestsForClimate.org)**

**#UrbanForestsForClimate #GCAS2018 #StepUp2018**

