SAT-B07: City of Trees: Protecting the Urban Forest Through Changing Climates

Jeremy Klemic, PLA, ASLA
Associate Principal
SWA Group

Jeremy Klemic is an Associate Principal at SWA Los Angeles with over 20 years in the field as a landscape architect. At SWA, he led the City of Thousand Oaks Urban Forestry Master Plan project, updating the City's design standards and planting palettes towards today's climate conditions with a focus on sustainability. Mr. Klemic has been engaged to speak on Urban Forestry at a variety of past venues and is looking forward to ASLA 2022.

Jeremy maintains that Landscape Architects have a responsibility to promote preservation and proper maintenance of our urban forests.

We are given the unique opportunity to play a key role in advocacy of governmental awareness and education of the community at large.

He will discuss design and management tools which serve to engage public and private partnerships to support successful urban forest management plans.

Learning Objectives:

- Gain knowledge regarding the values of the urban forest for inclusion in design practice, community education, policy promotion and client coordination.
- Provision of metrics supporting urban forest management practices, current information regarding climate ready goals and updated best management forestry practices.
- Understanding of the elements required to prepare and draft a successful Urban Forest Management Plan; including design intent, community engagement and civic involvement.
- Comprehensive steps for implementation of a successful Urban Forest Management Plan, and continued planning for maintenance of an urban forest.

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Notes:

ASLA2022
DESIGNING A BETTER FUTURE
Conference on Landscape Architecture
NOVEMBER 11-14 | San Francisco, CA #ASLA2022

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Natalie van Doorn
Research Urban Ecologist
Pacific Southwest Research Station, USDA Forest Service

Natalie van Doorn is interested in what drives change in urban and wildland forests and improving resiliency. Her research utilizes and builds on long-term data sets tracking populations and individual trees; measuring forest structure and dynamics. She is also a co-PI on the Climate-ready Trees study – a data-driven approach to evaluate the ability of promising underused species to tolerate stressors of future climates.

Natalie will discuss the science behind understanding the current status of California's urban forests and the call to action.

Present the metrics reinforcing the benefits and value behind the establishment and protection of the urban forest

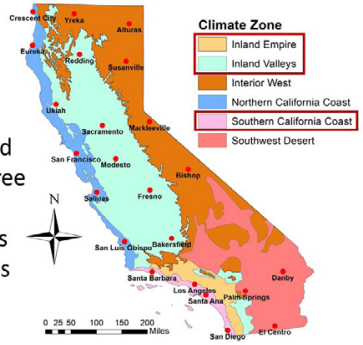
She will also provide and update on ongoing Climate Ready Tree studies by the Forest Services' Pacific Southwest Research Station

Goals

- 20-years
- 3 climate zones

Test seldom used but promising tree species

- qualities as urban trees
- resilience



Southwest US	
Chilopsis linearis	Desert willow
Hesperocyparis forbesii	Tecate cypress
Mariosousa willardiana	Palo blanco
Parkinsonia x 'Desert Museum'	Desert Museum palo verde
Prosopis glandulosa x 'Maverick'	Thornless honey mesquite
Prunus ilicifolia subsp. lyonii	Catalina cherry
Quercus fusiformis	Escarpment live oak
Quercus tomentella	Island oak

Desert willow

Thornless honey mesquite

Palo Verde "Desert Museum"

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Carla Short
Interim Director
San Francisco Public Works

Carla Short was appointed Interim Director of San Francisco Public Works on Aug. 20, 2021. Short began her career with Public Works in 2004 as the City's Urban Forester and stepped into the bureau's top position in 2015. Carla also filled in as the department's Deputy Director for Operations for eight months starting in fall 2019 and served as deputy chief of the Bureau of Street-use and Mapping.

Carla will focus on insights into the planning processes behind the promotion for development of an urban forest management plan and the parties involved.

Provide a deep dive into the goals, elements and policies set forth in San Francisco's Urban Forest Plan.

She will review successful implementation strategies and foresight into future planning for canopy coverage goals, maintenance and longevity of the urban forest.

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