

DESIGNING RESILIENT TECH CAMPUSES IN SILICON VALLEY



Meeting the Challenges of Climate Change

MONDAY, NOVEMBER 14TH || 7:30 AM - 4:00 PM

Three global technology leaders are retooling their Bay Area campuses and testing new approaches to resilient landscapes that also meet the needs of their collaborative workplace cultures. Join us on a tour of three new Silicon Valley campuses for Microsoft, Google and Facebook as we explore their innovative new outcomes.

ASLA2022
DESIGNING A BETTER
FUTURE

SESSION OUTLINE

1ST STOP: MICROSOFT CAMPUS

1. Introduction by tour leader, Jim Stickley
2. Hand-out of site plan and relevant design diagrams, details and plant lists
3. Overview of landscape design strategies by Jim Stickley
4. Overview of habitat restoration design by tour co-Leader, Joe Howard
5. Overview of site water systems design strategies by John Leys
6. Campus Tour (+/- 2-1/2 hours):
 - a. Perimeter landscape (all 3 speakers w/ q&a)
 - b. Quad areas (all 3 speakers w/ q&a)
 - c. Green roof & representative inner courtyard(s) (all 3 speakers w/ q&a)
7. Wrap-up & picnic lunch

2ND STOP: GOOGLE NORTH BAYSHORE CAMPUS

8. Overview by Joe Howard & John Leys
9. 20-30 min short stop or driving tour of Google's North Bayshore Campus
 - a. Charleston Basin access and habitat restoration
 - b. Charleston East and Alta / Huff Campus
 - c. Green Link multi-use trail

3RD STOP: FACEBOOK CAMPUS

10. Overview by Joe Howard
11. 20-30 min short stop or driving tour of Facebook Campus
12. New campus
13. Sea level rise and community connection
14. Classic campus (re-purposing of the old Sun Microsystems campus with habitat sensitivity)

SPEAKERS



JIM STICKLEY

ASLA, LEED AP, PRINCIPAL, WRT, SAN FRANCISCO

Jim is a landscape architect and urban designer whose leadership skills and passion for place-making are as valuable to enriching the firm's office culture as they are to meeting the needs of our clients. His experience on a number of complex projects both domestically and internationally has spanned the full spectrum from large scale planning assignments to detailed design and implementation projects. Jim's work focuses on enhancing urban districts, campuses and public space elevating the expression of cultural and ecological themes revealed through deep understanding of context and extensive community engagement.



JOHN LEYS

PE, LEED AP, PRINCIPAL, SHERWOOD DESIGN ENGINEERS

John directly oversees and manages a number of Sherwood's high profile local, national, and international projects. His work has included the integration of innovative sustainable infrastructure designs and is underpinned by sound, technical engineering. On all of his projects, John pursues water sustainability techniques that address regulatory, economic, and environmental constraints. He received degrees in Environmental Studies and Civil Engineering and has worked in the offices of planners and landscape architects as a civil engineer. John's experience includes project work in parks, trail design, utility infrastructure design, streetscape design, development of proprietary green design tools, and integrated stormwater management.



JOE HOWARD

ASLA, PRINCIPAL, H.T. HARVEY & ASSOCIATES

Joe is a licensed landscape architect and leader of the Landscape Architecture group. He is well-versed in all stages of the design and planning process. Joe helps identify and resolve ecological concerns during the early stages of site design and planning, and specializes in translating complex biological issues into intelligent planning and creative design solutions.

LEARNING OUTCOMES

1. Attendees will learn how water conservation design approaches to habitat restoration, planting design and irrigation can help achieve a net-zero landscape.
2. Attendees will learn about species communities that contribute to a rich habitat in restoration areas including those vulnerable to sea level rise.
3. Attendees will learn about technical aspects of green roof design contributing to a highly programmed outdoor use area.
4. Attendees will learn about how public/private collaboration can achieve regional goals of providing access, preserving and enhancing habitat, and adapting and planning for climate changes and sea level rise.

RESOURCES

<https://news.microsoft.com/silicon-valley-campus/>

<https://www.wrt design.com/>

<https://www.harveyecology.com/>

<https://www.sherwoodengineers.com/>