

Thermocline Urban Trellis provides social-ecological infrastructure and iconic scenography alongside the Guadalupe River at Arena Green West. The trellis suspends a gradient of modular shading apertures that generate an extensive micro-climate in downtown San Jose. The porosity of the assemblage allows for substantial light and water transmission while reducing solar irradiance below. The trellis additionally provides aerial habitat and solar power capacity while offering the potential for exceptional elevated viewing opportunities along its upper surface walkways. At night, an LED network lights the trellis with programmable color variations and subtle illuminance.