



CAPITAL REGION  
CLIMATE READINESS  
COLLABORATIVE

## Building Community Resilience: Extreme Heat Strategies and Funding from Los Angeles and Sacramento (Part 1)

Monday, April 18 | 1:00 - 2:30 PM PT

View the recording [here](#).

### Shared Resources

---

- **Capital Region Urban Heat Island Project:**  
<https://climatereadiness.info/uhi-project/#:~:text=The%20Capital%20Region%20Urban%20Heat.range%20of%20heat%20mitigation%20measures>
- **Cool Roadways Solutions Available today:**  
<https://globalcoolcities.org/cool-roadways-solutions-what-is-available-today/>
- **Cool Roof Toolkit:**  
<https://coolrooftoolkit.org/>
- **Cool Roof Codes and Ordinances:**  
<https://coolroofs.org/resources/codes-programs-standards>
- **Cool Roof Rating Council Resources:**  
<https://coolroofs.org/resources>
- **Cool Roof Rating Council Wall Rating Program:**  
<https://coolroofs.org/programs/wall-rating-program>
- **Extreme Heat Ambassador Sign-up Form:**  
<http://bit.ly/LA-Heat-Ambassador-Sign-Up>
- **Global Cool Cities:**  
<https://globalcoolcities.org/>
- **Keeping Cool in the Capital Region:**  
<https://urbanheat-smaqmd.hub.arcgis.com/>
- **Register for Part 2 of Building Resilience: Extreme Heat Strategies and Funding from Los Angeles and Sacramento here:**  
[https://civicwell.zoom.us/meeting/register/tZAtdO2qqDwsE9Jdxty\\_54VOZ45nFOZDsWc](https://civicwell.zoom.us/meeting/register/tZAtdO2qqDwsE9Jdxty_54VOZ45nFOZDsWc)
- **Strategic Growth Council Regional Climate Collaborative Grant Program:**  
<https://sgc.ca.gov/programs/>
- **UCLA Extreme Heat Campaign Summary:**  
<https://ucla.app.box.com/s/lnbw0m4ck63slyzd4g70305cfw5oqk92>

## Questions Answered through Meeting Chat

(Q&A Section of this event begins at 52:40 of the recording)

---

### **What is the longevity of the cool pavement coatings and which ones are the most cost effective material alternatives?**

- “Some of the more robust cool pavement solutions last 10-15 years. I'm aware of two products being installed at scale right now that have a 5-year warranty. Other products last from 3 months to 3 years. We'll have more data the longer the materials are on the roads.”

### **How do "cool walls" compare to green walls (such as those covered with moss, succulents, etc.) in terms of heat reduction and better AQ?**

- “Great question. I'm not aware of any studies that have compared living walls and solar-reflective cool walls. There are benefits associated with both, but there are several factors that will impact temp and AQ for both types of exterior wall surfaces. Painting a wall will typically be the lower hanging fruit; will make more sense for a greater number of buildings; and will likely require less maintenance than a green/living wall. Ultimately, given these factors, cool walls will likely have a greater impact on mitigating urban heating.”

### **Can the roof tiles be painted after they've been installed?**

- “There are a variety of reflective pavement solutions that can be installed over asphalt and concrete.”
- “I recommend contacting the Tile Roofing Industry Alliance for guidance on painting or coating roof tiles <https://tileroofing.org/>. There are also roofing tiles that are factory-glazed to increase their solar reflectivity.”

### **Is there funding to transform the acres of asphalt in LA County public schools into green space--Trees, native plant gardens and vegetable gardens.**

- We should integrate cool paving with more trees. Studies suggest this really reduces ambient temperatures and helps nature-based infrastructure survive extreme heat, too. Extreme heat will affect green infrastructure.