

Administrative Updates

CRRC Staff



Organizational Updates

Jeff Steuben

CRRC Executive Director



CRRC Organizational Changes

- New Administrative Coordinator:
Jessica Jazdzewski
- Team role changes
 - Beth → Program Manager
 - Oversees Roof and Wall Rating Programs



Validation Testing Program

- Quality assurance mechanism replacing Random Testing in 2025, ensuring:
 - Rated product values are accurate
 - Products are available
 - Ratings haven't gotten “stale” due to changes in test methods, components, or suppliers



Validation Testing Development Process

2023

2024

- Staff begins development

- Random Testing Working Group Review

- 1-on-1 calls with Industry

- CRRC Board and Executive Committee Review

- CRRC Licensee webinar

- **Board approval**



Validation Testing Program Details

- **Active rated products are:**
 - required to be validated every 7 years to remain on the Roof Directory
 - sent directly to a lab selected by CRRC
 - are tested according to the current test method
 - given two chances to pass VT



Validation Testing Phase-In

Program Year	Year	Year Initially Rated or Last Tested Under RT
1	2025	2011–2012
2	2026	2013–2014
3	2027	2015–2016
4	2028	2017–2018
5	2029	2019–2020
6	2030	2021–2022
7	2031	2023–2024
8	2032	Products rated and previously tested in 2025

Validation Testing Program Costs

- CRRC pays for product testing under VT
- Increased testing costs covered by product renewal fee increase

Product Renewal Fee Type	Current Rate	Rate Increase	New Rate
Standard Product Renewal	\$155	\$14	\$169
Reference Product Renewal	\$80	\$9	\$89
Color Family Additional Elements Renewal	\$17	\$12	\$29
Color Family Representative Element Renewal	\$155	\$14	\$169

Validation Testing Next Steps


- June 6 - Board approves program
- Q2–Q3 - CRRC Portal Development
- Q4 - Licensee Orientation and Communication
- 2025 - Program begins

For organizational questions, contact:

Jeff Steuben

jeff@coolroofs.org





Roof and Wall Programs Update

Beth James-Bourgeois
CRRC Program Manager

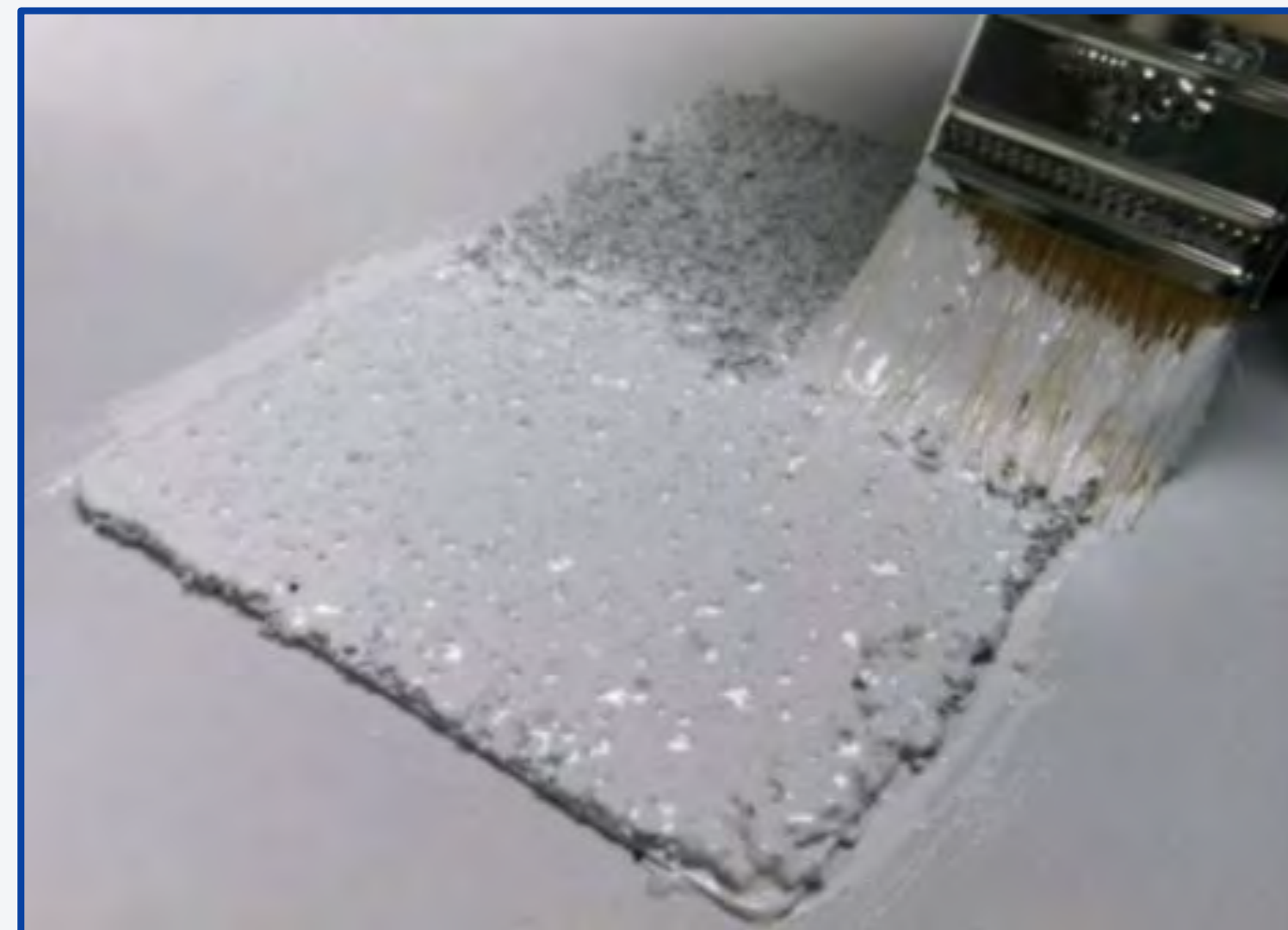
Roof and Wall Program Updates

1. Program Manual
Technical & Programmatic
Changes
2. Portal Updates
3. Wall Program Financial
Update



Program Manual Updates

- Bellows for curved products
- Instructions for rough substrate specimens with multiple coats



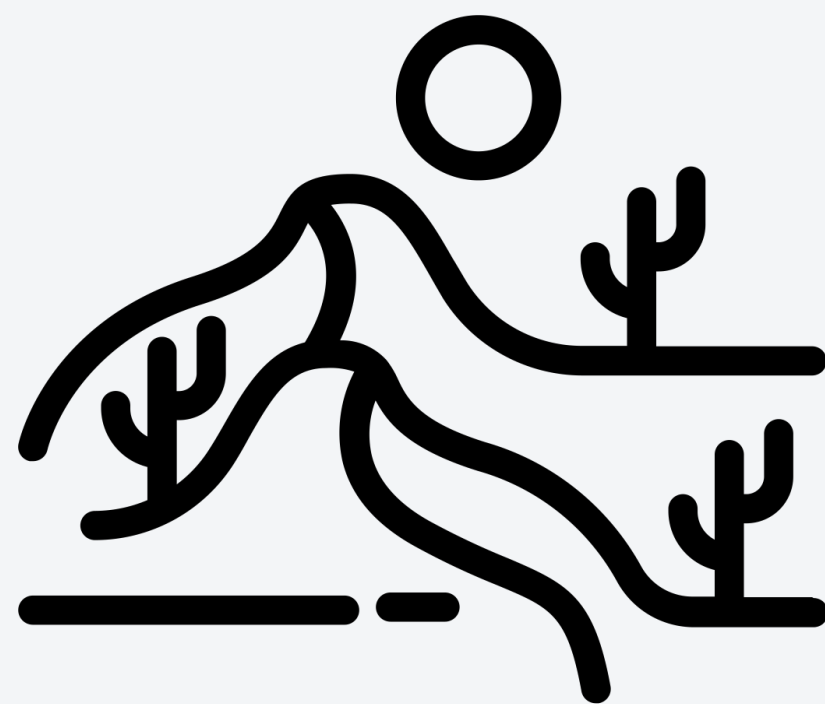
Test Farm Initial Photos

Test Farms are now required to provide photos upon exposure placement (“Initial” photos)

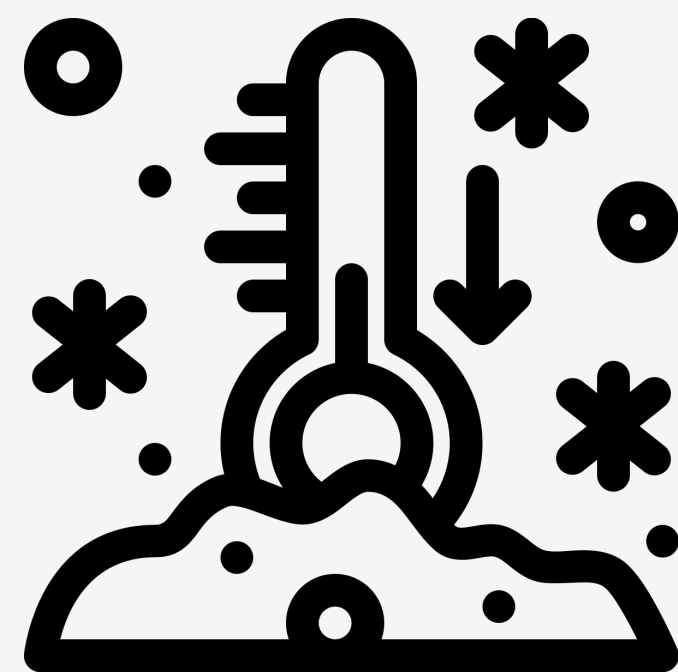


Climatic Conditions of Test Farm Sites

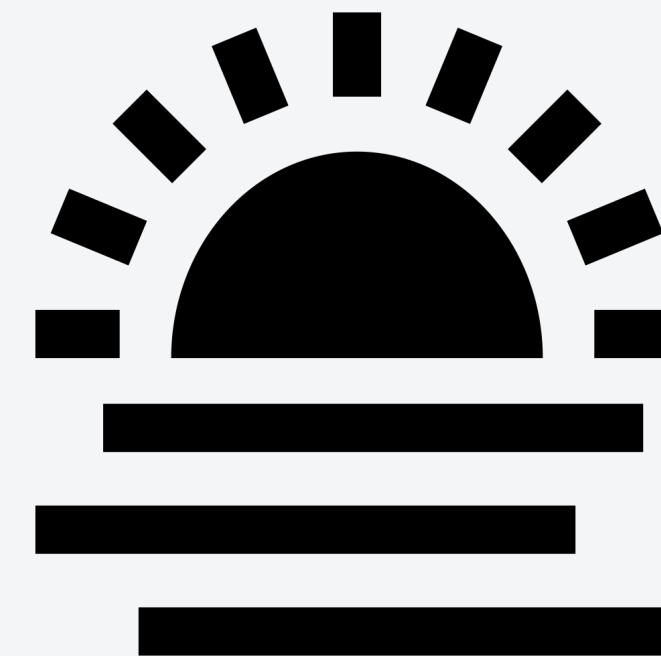
Updated climate zone requirements for the three Test Farm sites



Arizona
(hot/dry)



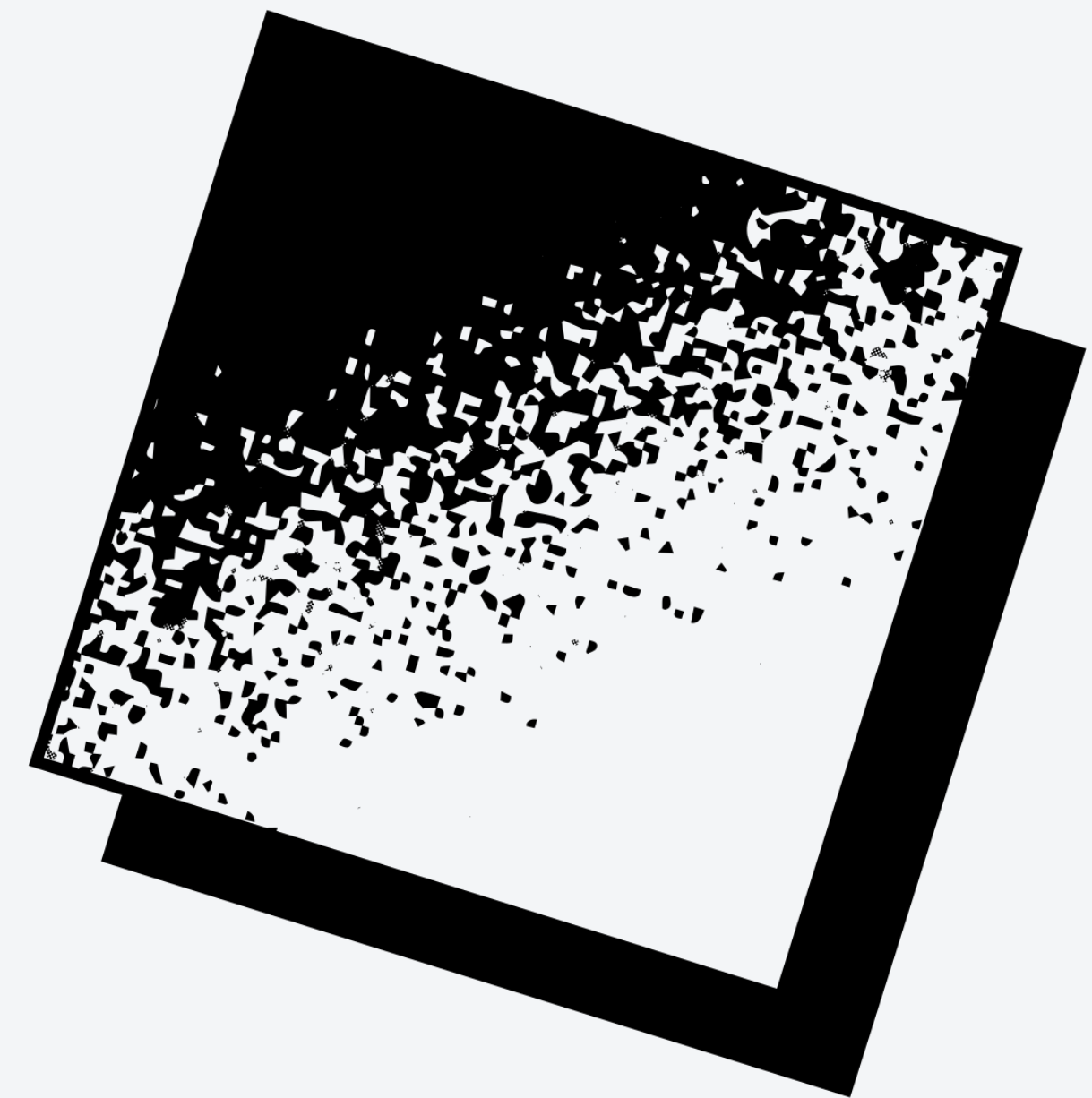
Ohio
(cold/temperate)



Florida
(hot/humid)

“Incorrectly Exposed” Term and Definition

- New term “Incorrectly Exposed” and its definition added to the Program Manuals
- Procedure for handling specimens that are unusable for aged testing updated to include “Incorrectly Exposed Specimens”



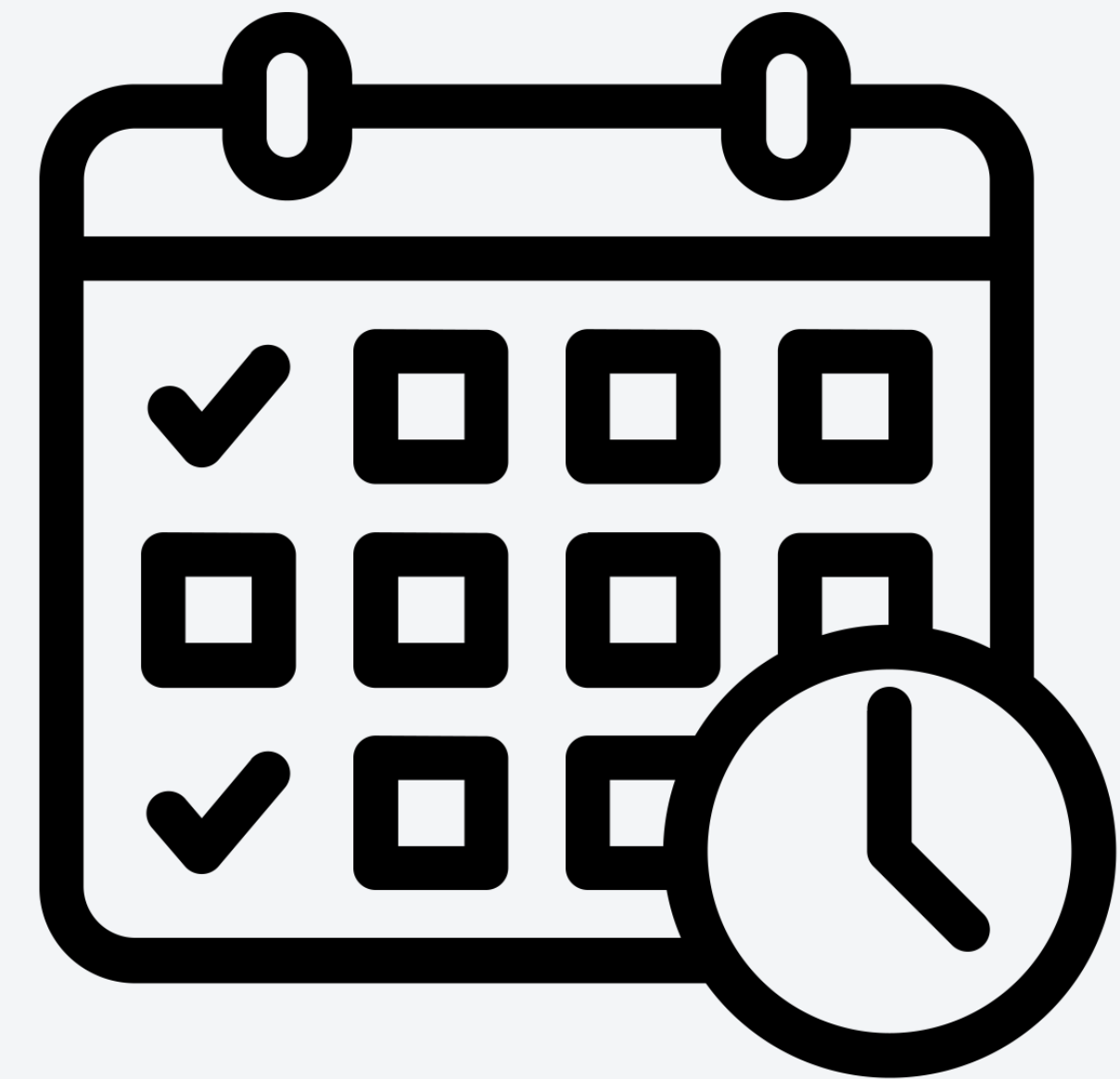
Wall Product Specified Mounting



- Wall specimens are mounted in an offset rack to minimize cross-contamination from dripping
- Wall specimens that are 3 inches x 10 inches do not fit on offset racks
- 10-inch specimens are mounted on only the top row of non-offset racks

New Document Revision Schedule

- Program Manuals now updated only twice a year
- Exceptions to the schedule can be made for any time-sensitive program changes
- Proposed updates to other CRRC documents may still be presented at other times of the year



Portal Updates

- Reporting Tools for Licensees and Labs
- Invoicing Section Updates
- Random Testing Portal Integration (*in-progress*)



Portal Updates - Reporting Tools

Reporting Tools

The files below represent the most common tools used for reporting test results to the CRRC. A complete set of tools is available in the Online Rating Portal with the test results for products tested using Test Method #1, Test Method #1 for less common test methods such as ASTM E903 or ASTM E1918, or if you need assistance using

- [C1371 + Slide Method Tool released 2012-10-12.xltx](#)
- [C1549 Tool Released 2010-08-24.xlt](#)
- [CRRC SRI Calculation Tool 2020-01-15.xlsm](#)
- [CRRC Tile Template Method Tool 2019-07-02.xlsx](#)
- [CRRC-1 Test Method #1 for AGED Tiles 2019-10-08.xlsm](#)
- [CRRC-1 Test Method #1 for Tiles released 2012-02-09.xlsm](#)
- [CRRC-1 Test Method #1 Released 2010-08-24.xlt](#)
- [SRI-calc10.xls](#)

FAQ

HI FAKE ACCOUNT! ▾

Account Management

Reporting Tools

Logout



Search Applications

Portal Updates - Invoicing Section

Unpaid Items

Select all items you wish to pay for and click on **Generate Invoice** to proceed to payment.

Select All **GENERATE INVOICE**

Pay	Transaction Type	Description	App. ID	Brand	Model	Creation Date	Due Date	Item Total
<input checked="" type="checkbox"/>	Licensee - Renewal Fees	<\$1M				2024-01-01		\$1700.00
Subtotal								\$1700

Select All **Billing Contact** Fake Account, fake@coolroofs.org, 503-606-8 **ADD**

GENERATE INVOICE

Please Select a Payment Method or Edit This Invoice

PAY BY CARD

\$52.10 transaction fee

PAY BY CHECK OR ACH

Option to print invoice

PAY BY WIRE TRANSFER

\$20 transaction fee

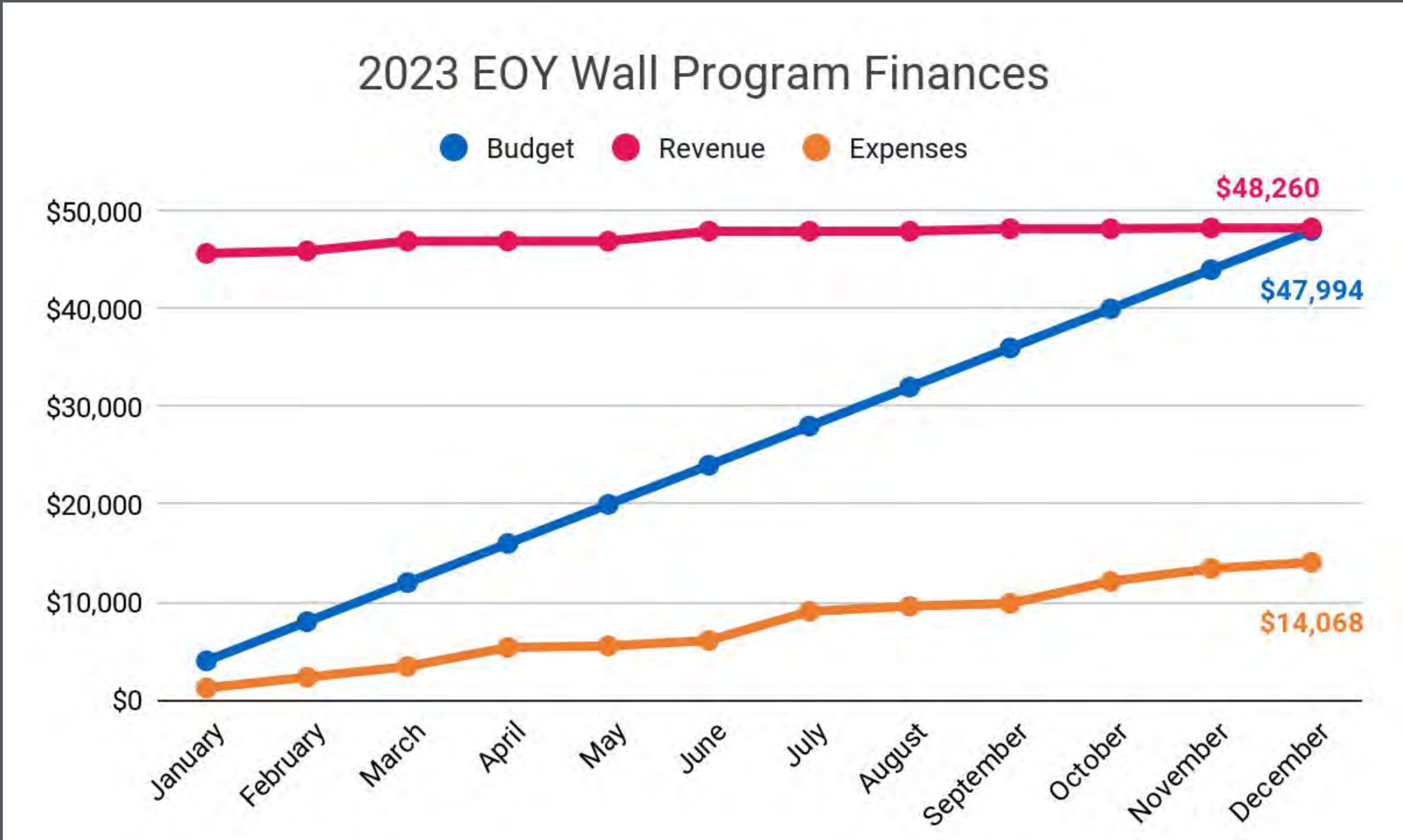
EDIT INVOICE ITEMS

CANCEL INVOICE

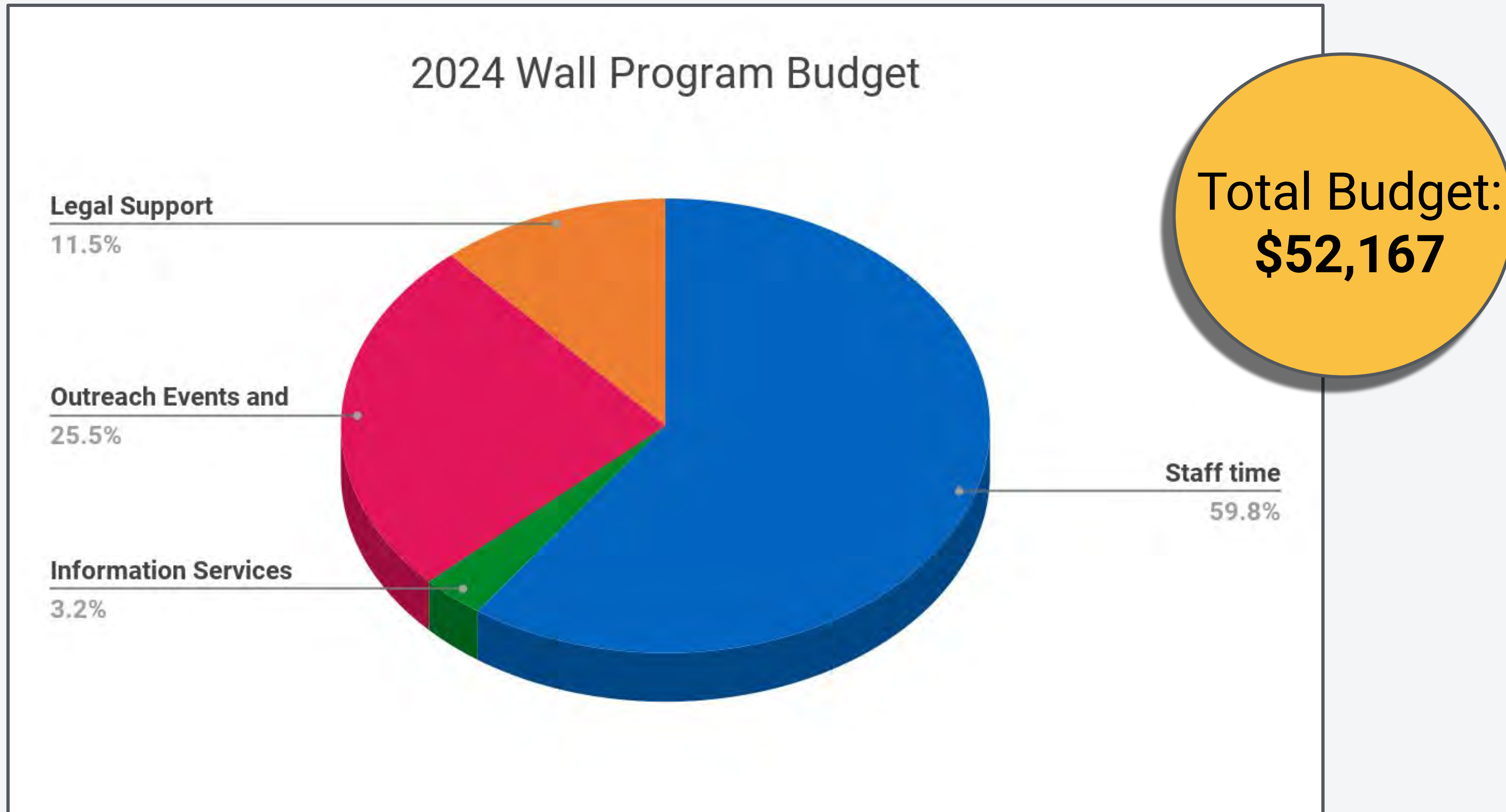
Portal Updates - Validation Testing Portal Integration



2023 EOY Wall Program Finances



2024 Wall Program Budget



For Roof and Wall Program questions, contact:

Beth James-Bourgeois

beth@coolroofs.org

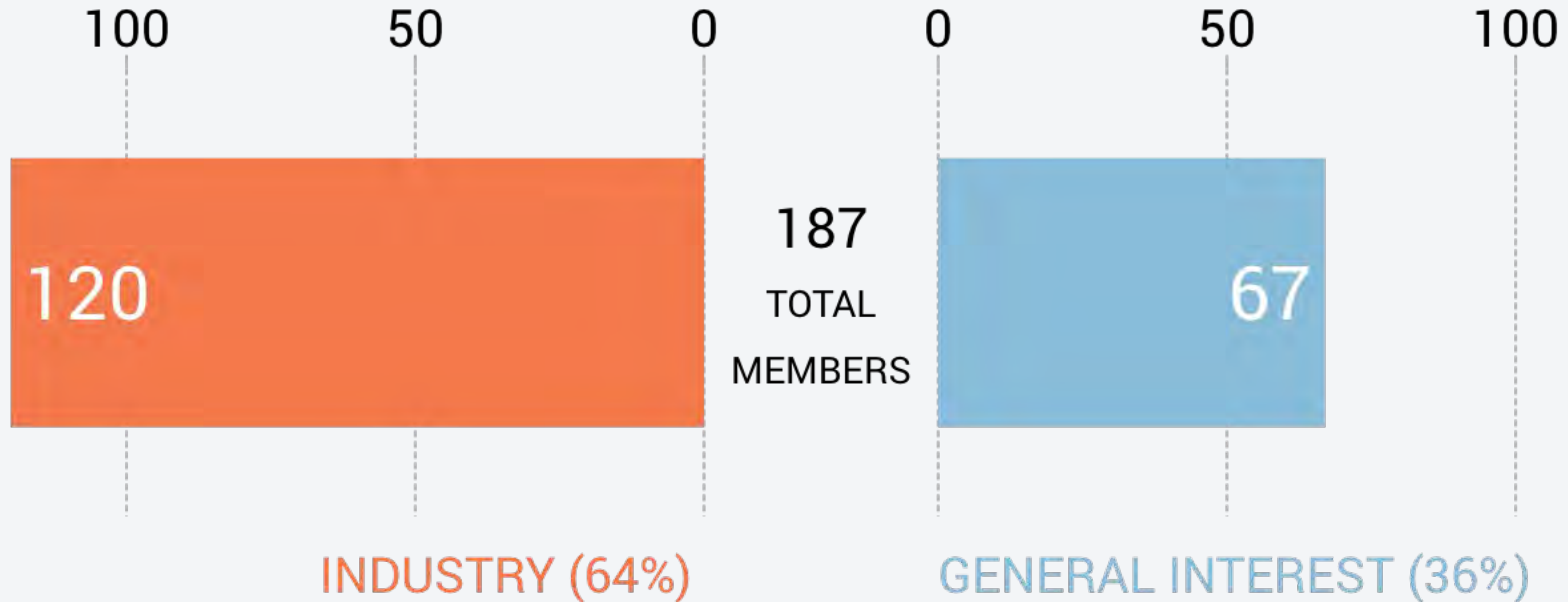


Membership Update

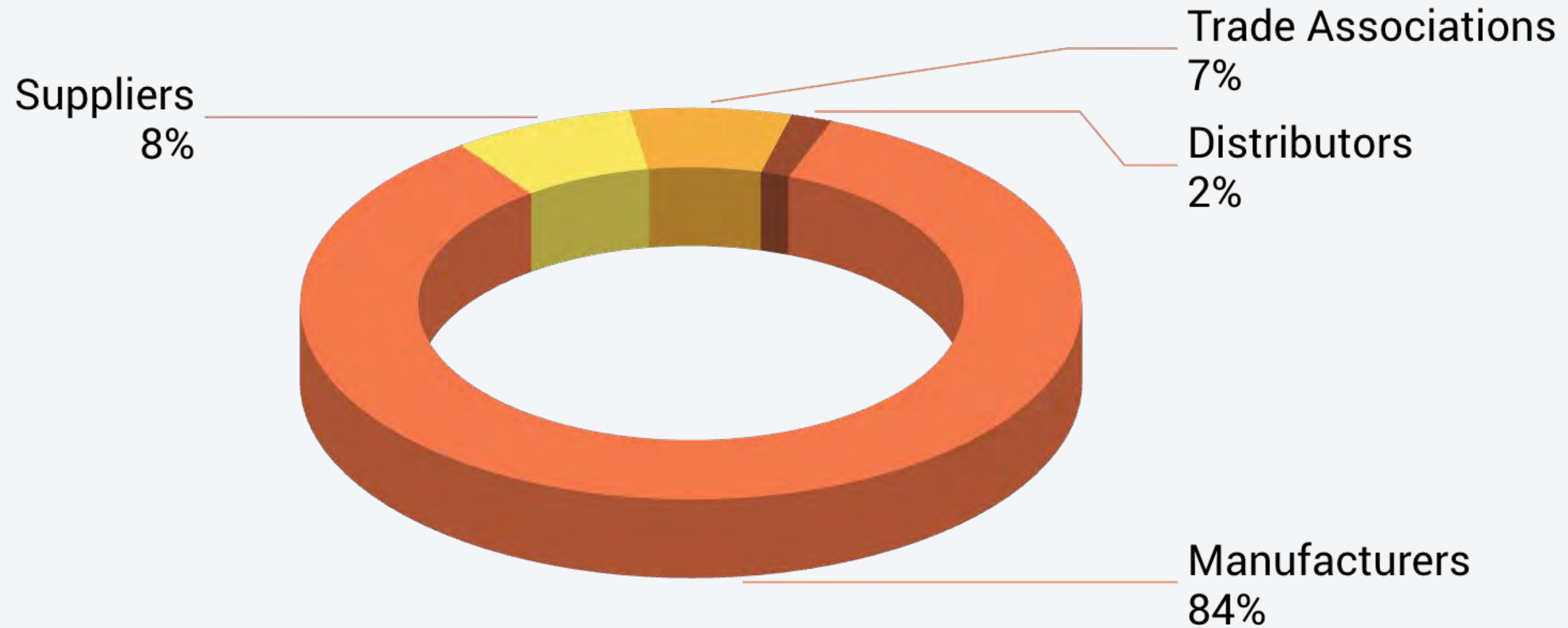
Jessica Jazdzewski

CRRC Administrative Coordinator

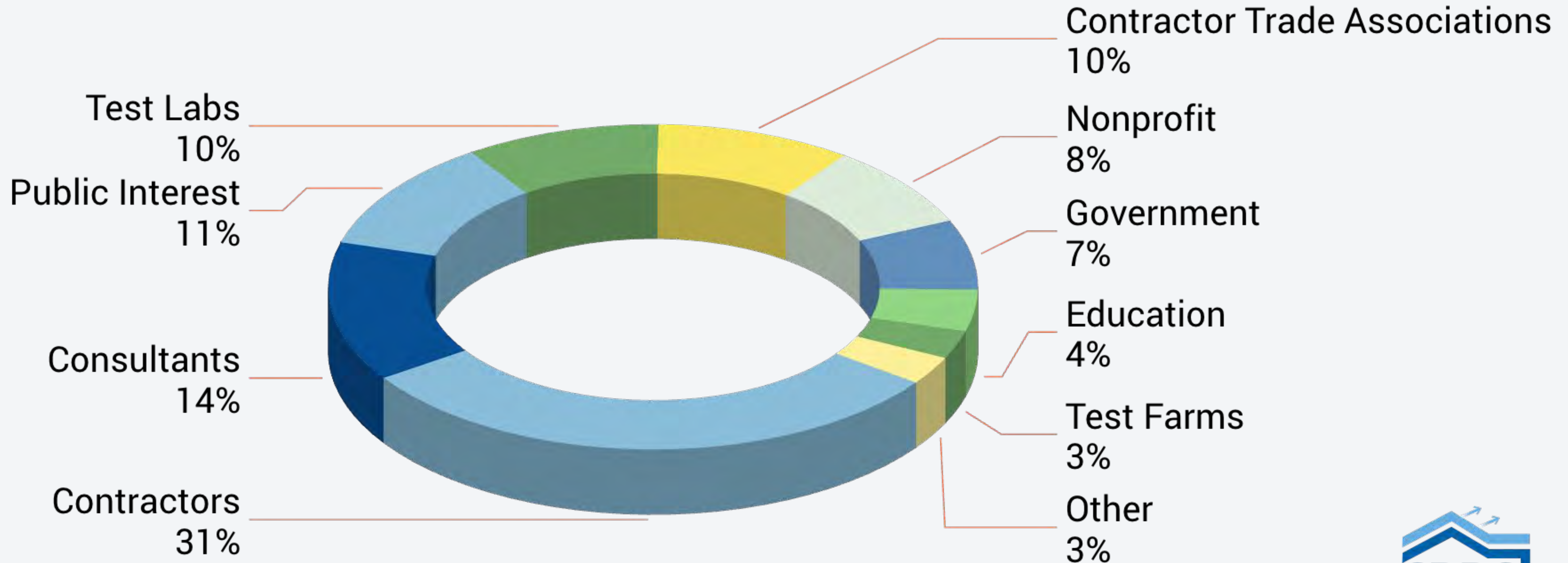
CRRC Membership Overview



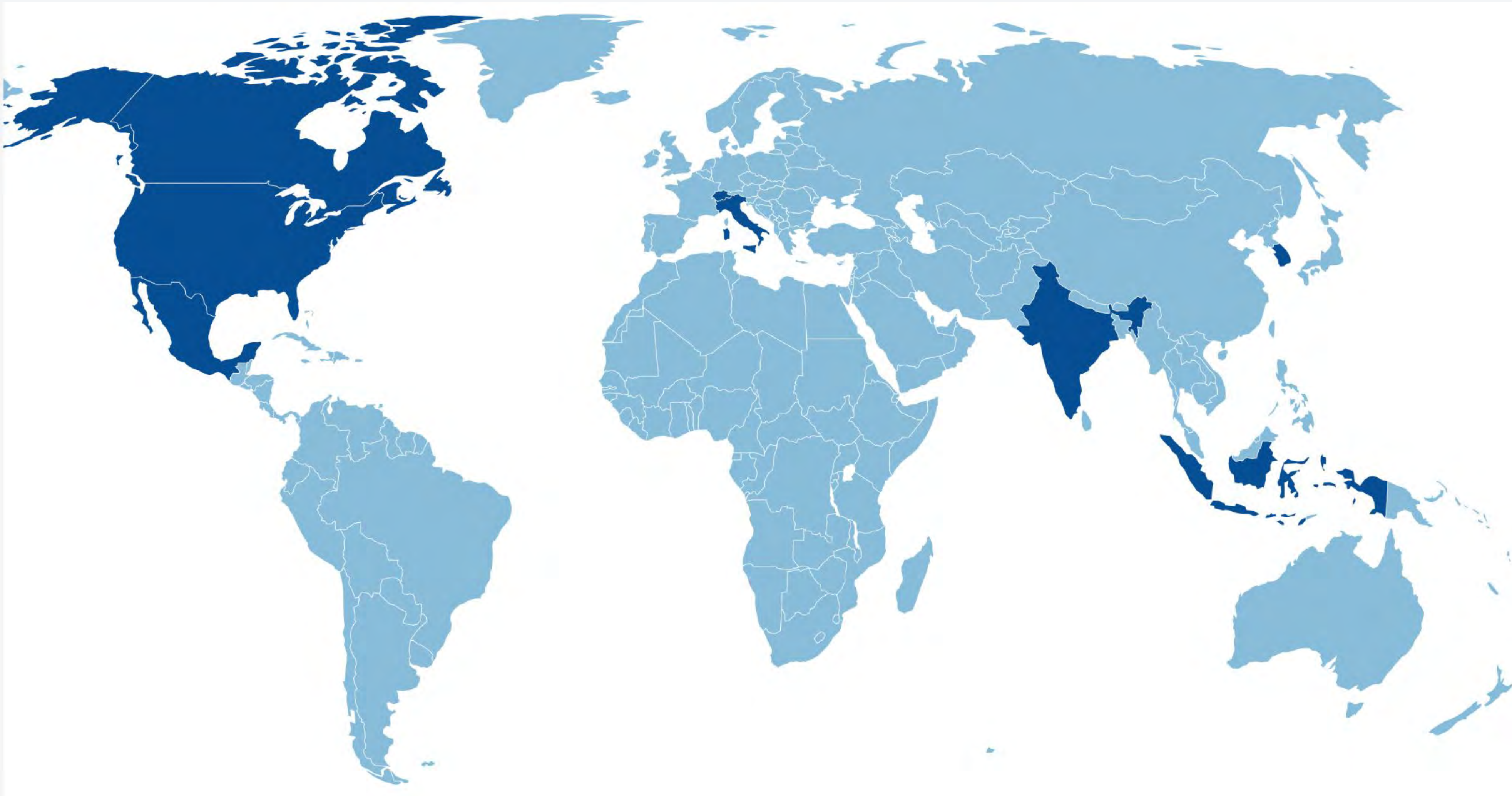
Industry Members



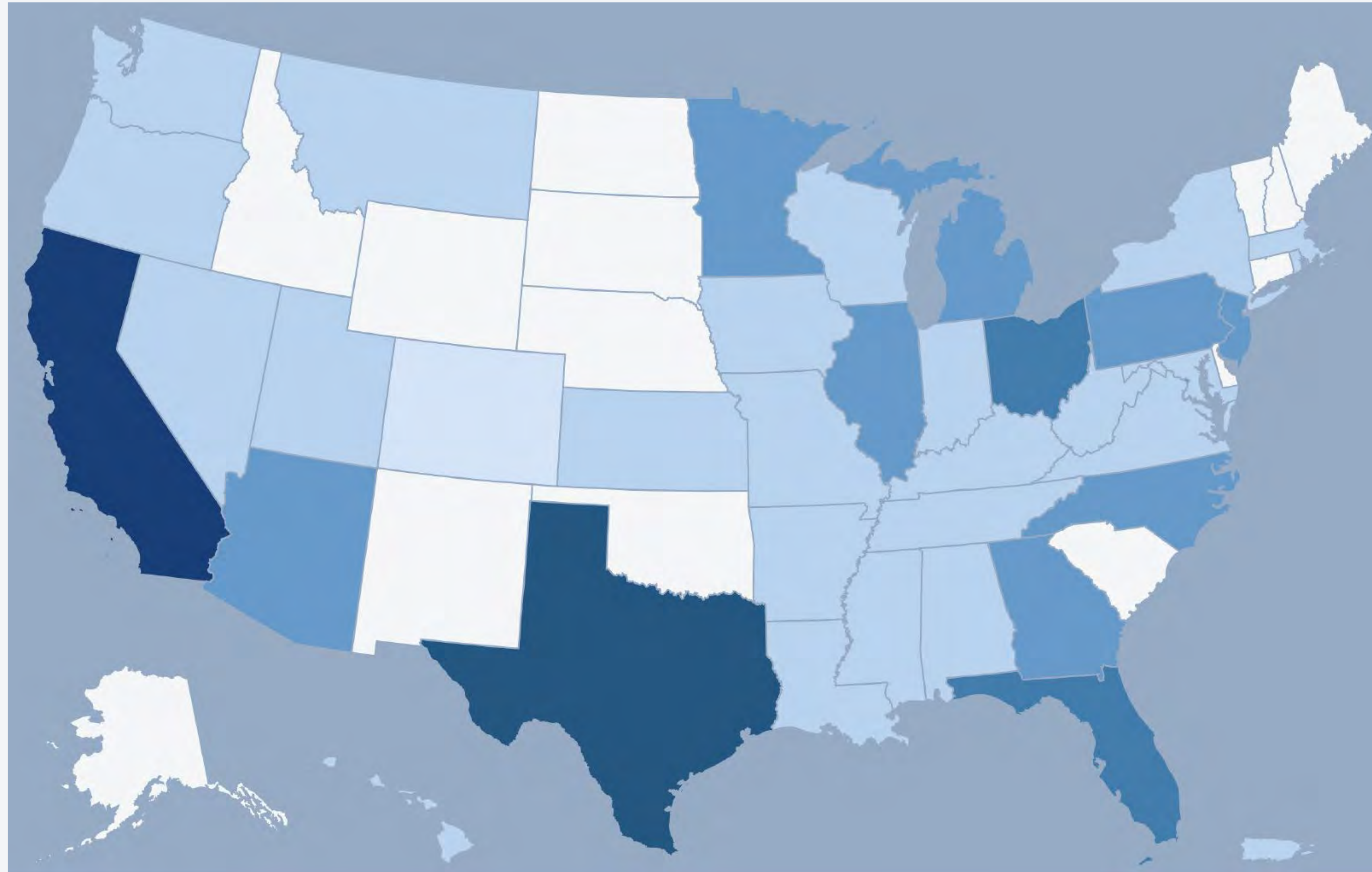
General Interest Members



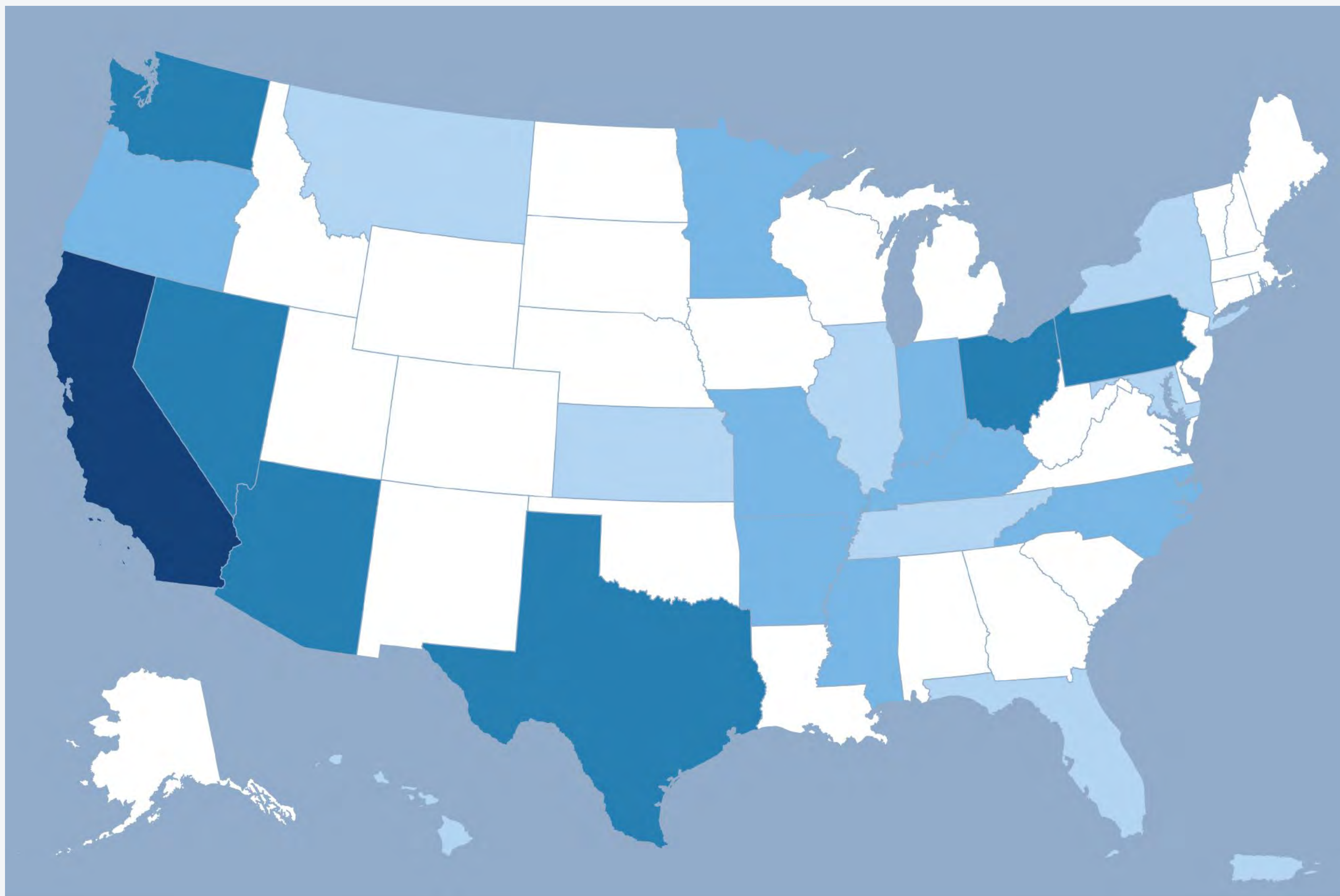
Member Geographic Distribution: Global



Member Geographic Distribution: USA



In Attendance Today



New Members

GENERAL INTEREST	
California Polytechnic State University	
Kurt Sosinski	
Creative Paving Solutions	
Smart Surfaces Coalition	
Deepak Amaripadath	
Reflective Earth	
Parish Construction and Roofing	
INDUSTRY	
Axalta Coating Systems	
Central States Manufacturing	
Coldrays LLC *	

*Pending Board Approval



CRRC Educator Program

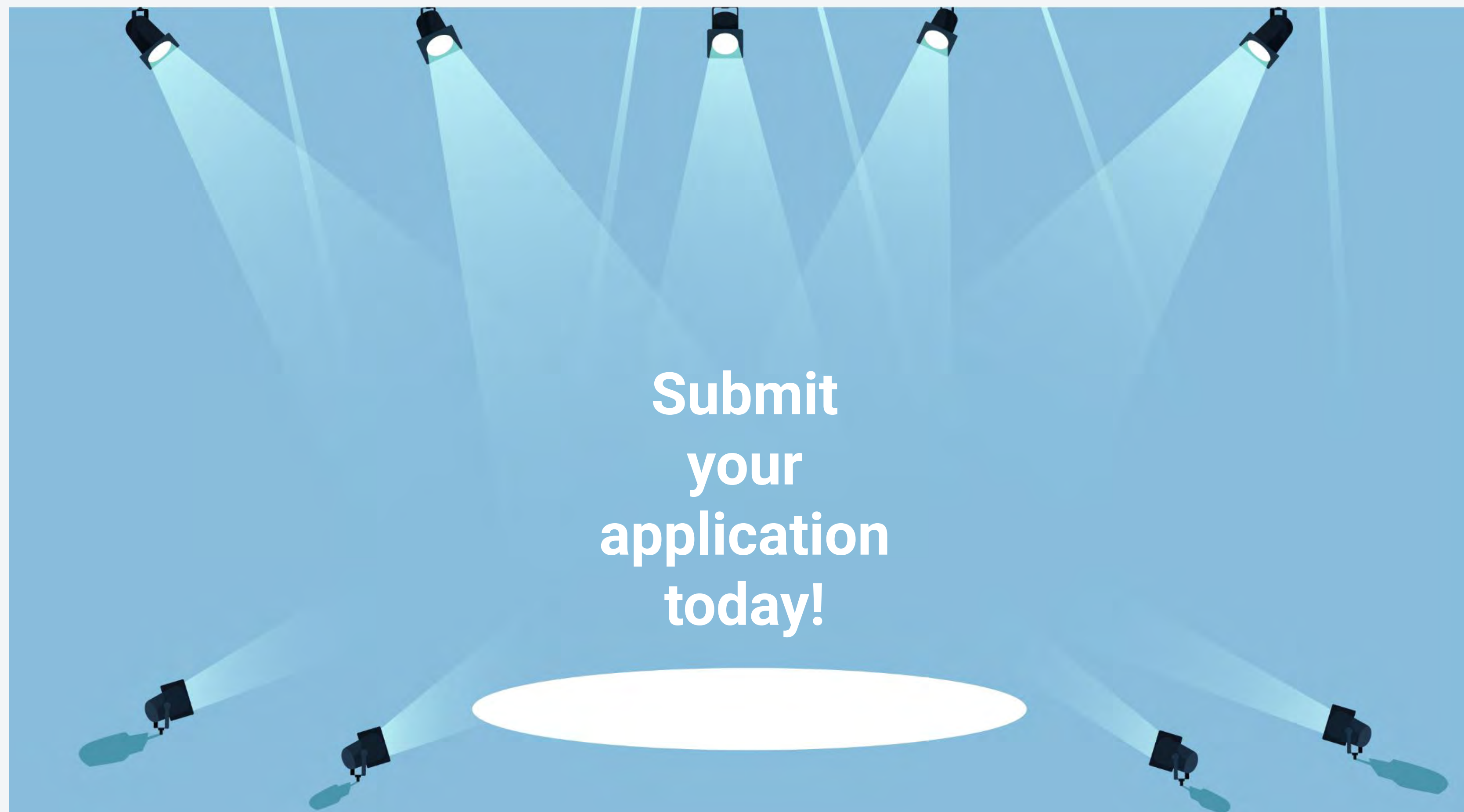


- Members are eligible to represent the CRRC as an Educator
- Authorized by the CRRC Board to conduct outreach & education
- Contact Audrey McGarrell
audrey@coolroofs.org

CRRC Member Spotlight

- 4 Member Spotlights per year
- Featured on the CRRC website & in the quarterly newsletter
- Member may nominate themselves or another Member

Become the next Member Spotlight



coolroofs.org/membership/member-spotlight

For Membership questions, contact:

Jessica Jazdzewski

jessica@coolroofs.org



The background features two large, overlapping circles in shades of orange and red. A bright yellow sun is positioned in the center of the left circle, and a black silhouette of a palm tree is on the right. The bottom of the image shows a dark silhouette of a city skyline against a yellow and orange gradient.

CRRC Laboratory Update

Stacey Weister

Technical Manager

CRRC Approved Laboratories

- ISO/IEC 17025 Accredited
- Attend Laboratory Training
- Submit all required documentation
- Maintain test methods on accreditation scopes
- Participate in biennial Interlaboratory Comparison Study (ILC)



CRRC Accredited Independent Test Labs

- 7 Approved Roof AITLs
 - 8th expected by the end of 2024

- 6 Approved Rapid Ratings AITLs
 - 7th expected by the end of 2024

- 4 Approved Wall AITLs



CRRC Accredited Independent Test Labs



- Submitted all required documents
- ISO/IEC 17025 Accredited
- Test ILC specimens
- On-site Lab Training - July 2024

CRRC Accredited Independent Test Labs



On-Site Lab Training

CRRC On-Site Lab Training is available for Labs and Licensees



New AITL
PARCO Laboratory
July 2023

Licensee
Westlake
August 2023

Existing AITL
PRI Laboratory
February 2024



On-Site Lab Training

The results are in!!

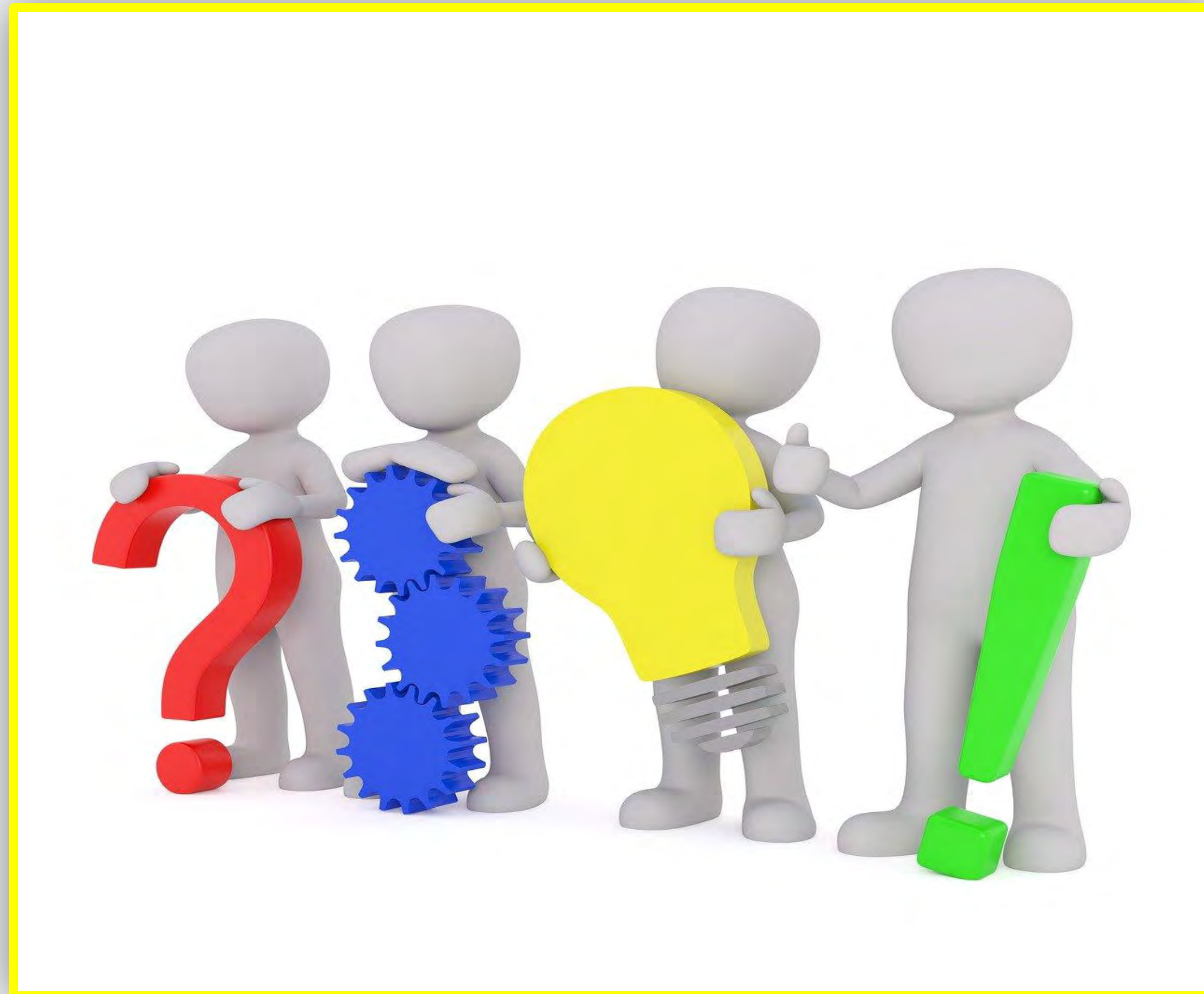
“I have been performing CRRC testing for almost a decade, and I still walked out of training learning new information and techniques to make my life easier. I can't say enough great things about Stacey and her delivery of our training.”

“We appreciate the in-house training; it not only saves the company money but lets us learn on our own equipment.”

“Great presentation of a complex subject. The trainer did a wonderful job!”



CRRC Lab Language



CRRC Lab Language

Quarterly virtual meeting for AITLs

Review testing and reporting requirements

“Did you know?” Program facts

Answer & discuss AITL questions

To schedule an In-person Lab Training, contact:

Stacey Weister

stacey@coolroofs.org



The background features a solid yellow wall. On the left, a tall, feathery green plant is in a light-colored, textured cylindrical pot. On the right, a large green plant with broad, split leaves is in a similar textured pot. In the foreground, a large, solid yellow rectangular block sits on a light-colored surface.

Outreach Update

Audrey McGarrell
CRRC Project Manager

Virtual Presentations



Fundamentals of Paint Radiative Properties
 What they are, why they matter, and how they are evaluated

October 12, 2023
 Audrey McGarrell, Cool Roof Rating Council

ACA Member Webinar: Fundamentals of Paint Radiative Properties – What they are, Why they Matter, and How they are Evaluated



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凉爽涂料：利用建筑涂料减少都市热岛并节约能源
 Cool Coatings: Using Architectural Coatings to Reduce Urban Heat Islands and Save Energy

Audrey McGarrell 女士
 Cool Roof Rating Council, USA
 凉爽屋顶评级委员会, 美国

Ms. Audrey McGarrell
 Project Manager
 Cool Roof Rating Council (CRRC), USA





CoolSeal Webinar Series featuring NASA JPL and CRRC

Climate change - Climate change refers to long-term shifts in temperatures and...

Keeping it Cool with Cool Exterior Walls: an Overview of the CRRC Wall Rating Program


Beth James-Bourgeois

Cool Roof Rating Council
 March 27, 2024

Sizzling Solutions: Accelerating Heat Mitigation – Policies, Programs, and Design Dynamics!

PRESENTATION WATCH THE WEBINAR



In-Person Speaking Engagements



Interviews



Does White Paint
Help Cool Your Home?



**COOLING FROM THE
GROUND UP, 2024 ANNUAL
MEETING UNDERWAY**

*with: STUART RUIS &
JEFFREY STEUBEN*



**ROOFING
ROAD TRIPS** 

Event Participation



Upcoming Events

September 26 - October 4

USGBC Infrastructure Forum (Honolulu)

PBX Conference (Honolulu)

Stakeholder Meetings (Hawaii)



October 9 - 10

ASTM Symposium (Orlando)



October 30 - November 1

METALCON (Atlanta)



November 12 - 15

Greenbuild (Philadelphia)



METALCON Promo Codes

**30% off METALCON
registration for friends of
the CRRC!**

Promo code:

30COOL

**Free registration for CRRC
booth volunteers (limit 10)!**

Contact

audrey@coolroofs.org

Or visit:



Upcoming Virtual Presentations

Date TBD

NFRC on-demand presentation

July 17

HalfMoon Education Inc. webinar

September 4

METALCON Online Webinar

October 15

Roofers Coffee Shop R-Club

Coffee Break



METALCON *Live!*
THE METAL CONSTRUCTION & DESIGN INDUSTRY'S SOURCE FOR KNOWLEDGE



Recent Articles

Notes From **the Field**

Summer in the City: Cool Roof Policies and Programs

By Sarah Schneider, Deputy Director of the Cool Roof Rating Council
Image courtesy of Cool Roof Rating Council

GETTING TO
zero

BUILDING SOLUTIONS FOR REDUCING ENERGY USE AND INCREASING HEAT EQUITY AND RESILIENCE

October 30, 2023 / [Admin](#)

This blog was authored by Audrey McGarrell, Cool Roof Rating Council (CRRC), Project Manager.

Opportunity to Serve as a Cool Roof Subject Matter Expert



August 15, 2023 at 3:00 a.m.
By Sarah Schneider, CRRC.



BLOG POST

New in our Toolkits: How to Search for Cool-Wall Materials (and Earn SSpc154)

The Cool Roof Rating Council also vets wall materials. Their database of third-party-tested products can help teams earn Pilot Credit SSpc154, Heat Island Mitigation with Cool Walls.



Social Media



[Cool Roof Rating Council](https://www.linkedin.com/company/cool-roof-rating-council)

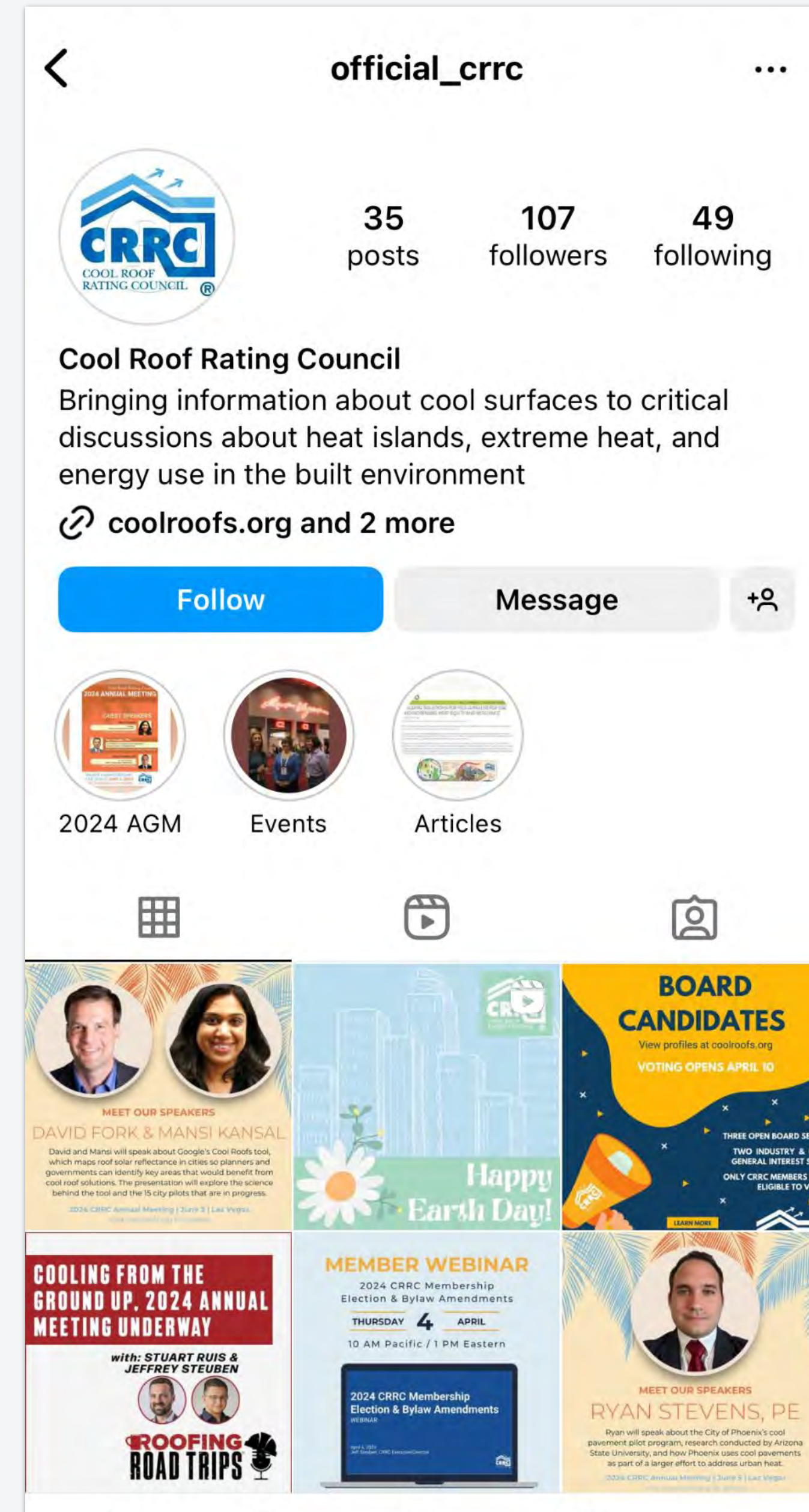


[@Official_CRRC](https://twitter.com/Official_CRRC)



[@official_crcc](https://www.instagram.com/official_crcc)

[#CoolingfromtheGroundUp](https://twitter.com/Official_CRRC)



Outreach Staff Contacts

Audrey McGarrell

audrey@coolroofs.org

Sarah Schneider

sarah@coolroofs.org

