

## Resilience

Green buildings are driving resilience-enhancing designs, technologies, materials and methods. Explore sessions that promote more resilient buildings, communities, and cities.

### **Tuesday, November 19 (Resilience Summit)**

Elevating equity is the landmark strategy in building resilience within the lives of people, their communities, and infrastructure. USGBC has long been focused on resiliency, defining it as “the ability to prepare and plan for, absorb, recover from, and more successfully adapt to adverse events,” and we know that more sustainable buildings are the cornerstone to enhancing community resilience at scale. In order to realize a sustainable future for all, the next generation of green building must focus on the development of smart and resilient cities and communities. The full schedule for the summit will be available closer to the conference.

### **CSOK** – Summits Combined Opening Keynote

8:30 – 9:30 a.m.

- This is the combined opening keynote for the Global Health and Wellness Summit and Resilience Summit.
- Presenters: To be announced closer to the conference

### **RC01** – Beyond the Glass Door: Green Buildings, Healthy Communities

10 – 11 a.m.

- In this session, participants will explore the benefits of energy efficiency on public health. This session will delve into strategies and practices and show how a machine-learning-inspired modeling tool provides a pathway to cleaner air.
- Presenters: Joe Winslow, Senior Project Manager, Southface; Matt Cox, CEO, The Greenlink Group; Megan O’Neil, City Solutions Manager, Institute for Market Transformation

### **RC02** – Lotus Village: A Prototype to Holistically Heal Homelessness

10 – 11 a.m.

- Lotus Village was built in Miami, FL as a prototype to end the cycle and comprehensively heal the wounds of homelessness. Session attendees will learn about the growing demand for shelter services, their unique requirements, and how innovative design led to trauma-informed design, resiliency, health, and safety.
- Presenters: Katy Roth, Assistant Director of Operations, Sundari Foundation Inc. (dba Lotus House)

### **RC03** – Responsibility at a Crossroads: Gentrification & Resilience

11:15 a.m. – 12:15 p.m.

- Climate gentrification exists at the intersection of environmental and socio-cultural pressure where cities are the epicenter. This session will explore what climate gentrification means and looks like; how Community Land Trusts function and the role they play in sustainability strategies; and social impacts these topics have on cities.
- Presenters: Blaine Stand, Principal, Stand Development & Consulting; Petr Stand, Principal, Urban Design at Stand Development & Consulting; Jeremy Stand, Principal, Stand Development & Consulting

[RC04](#) – Crisis, Zombies and Climate Optimism

11:15 a.m. – 12:15 p.m.

- When natural systems undergo massive disruption, we often respond with shock, grief, and depression. Could nature teach us how to respond constructively when things fall apart? Join our session to learn how all life moves through big changes, whether at the ecosystem level or through personal upheavals. Attendees will work individually and in groups to identify adaptive challenges and apply resilience strategies to your own life and work.
- Presenters: Tristan Roberts, Technical Director, Health Product Declaration Collaborative; Jim Newman, Principal, Linnean Solutions; Lindsay James, Principal, Chrysalis Strategies; Lyndon Valicenti, Principal, Foresight Design Initiative

[RC05](#) – Resilience Summit Luncheon

12:30 – 1:45 p.m.

- USGBC has long been focused on resiliency, defining it as “the ability to prepare and plan for, absorb, recover from, and more successfully adapt to adverse events,” and we know that more sustainable buildings are the cornerstone to enhancing community resilience at scale. Enter the Resilience Summit. Join the luncheon for an inspiring keynote address.
- Keynote speaker: To be announced closer to the conference

[RC06](#) – Resilience Summit – Afternoon Salon

2:15 – 4:15 p.m.

- Attendees will engage in a series of dynamic activities in this round-robin event. Facilitators will lead up to forty unique discussions and activities through which attendees can rotate and participate. Think of it as “Choose your Own Adventure meets Speed Dating and Circuit Training.” Facilitators will gather critical data from participants that will be used to advance solutions to build more resilient and equitable communities.
- Presenters: To be announced closer to the conference

[CSCK](#) – Summits Combined Closing Keynote

4:30 – 5:00 p.m.

- This is the combined closing keynote for the Global Health and Wellness Summit and Resilience Summit.
- Presenters: To be announced closer to the conference

**Wednesday, November 20**

[A05](#) – Urban Eco-Networks: Resilience Planning for our Cities

11:15 a.m. – 12:15 p.m.

- Explore how a landscape ecological approach to conservation planning is applied using a combination of data analysis, synthesis, community engagement and collaboration across a broad swath of stakeholders endeavors to uncover how a city realizes the potential for greater impacts using ecology as a driving force.
- Presenters: Jennifer Dowdell, Senior Landscape Ecological Planner & Designer, Biohabitats Inc.

[B05](#) – Passive Resilience for the Future Climate

2:30 – 3:30 p.m.

- Research funded through a Net Zero Energy Fellowship has helped inform a new method to improve building performance in the era of climate change. The session will explore the research and work with a school targeting net zero energy performance, as well as explain the value of Net Zero Energy buildings to improve resilience and mitigate climate risks.
- Presenters: Richard Manning, Technical Director, RWDI; Joel Good, Associate, RWDI; Aaron Presberg, Senior Program Manager Energy & Sustainability, Portland Public Schools

### **Thursday, November 21**

[D05](#) – Choose Your Own Adventure: Calamity and Adaptation

11:15 a.m. – 12:15 p.m.

- Architects are aware of the intersection between sustainability and resilience – extended service life, efficient building envelopes, passive survivability. Speakers will present a series of questions with alternative solutions to allow the audience to determine the forms and materials for the building, illustrating trade-offs between sustainability and resilience.
- Presenters: Ann Kosmal, Architect, U.S. General Services Administration; John Anderson, Principal, unabridged Architecture; Allison Anderson, Principal, unabridged Architecture

[E05](#) – The Intersection of Resilience and Sustainability

1:30 – 2:30 p.m.

- While climate resilience and environmental sustainability may have previously been viewed as mutually exclusive, it is critical that companies address them simultaneously in order to stay ahead of the curve, optimize operations, and retain asset value. This panel will discuss best practices from real buildings and an analysis of where the market is moving and how other real estate companies can (and should) follow suit.
- Presenters: Marta Schantz, Senior Vice President, Urban Land Institute; Laura Craft, Head of Global Sustainability, Heitman; Jessica Loeper, Vice President, Verandi Partners

[F05](#) – Disaster Planning and Recovery: What Everyone Needs to Know

3 – 4 p.m.

- This session will provide practitioners across all fields who are interested in thoughtful and ethical solutions which promote wellness and resiliency in construction and urban development with an in-depth education on how to effectively assist communities in planning for, responding to and recovering from all types of natural disasters.
- Presenters: Laura Clemons, Founder, Collaborative Communities

### **Friday, November 22**

[G05](#) – Innovative Campus-Scale Solutions for Watershed Health

8 – 9:30 a.m.

- Large, dense, campus-scale developments are innovating new approaches for responsible water management—ones that transcend efficiency and project boundaries. This panel session will offer a vision for large-scale developments and what it truly means to design with the watershed in mind.
- Presenters: Kathleen Smith (moderator), Vice President Living Buildings, International Living Future Institute; Eric Hough, Vice President, Natural Systems Utilities; Drew



Wenzel, Real Estate Development Executive, Google; Stephen Coi, Manager of Living Building Challenge, Frasers Property Australia

[H05](#) – Strategic Synergy: Resilient, Passive and SmartGrid-Friendly

10 – 11:30 a.m.

- This discussion will center on how visualization platforms and interactive virtual environments (gaming) can be conceived and engineered to support early assurance of efficacy of high-performance strategies that the AEC industry and our communities of constituents are demanding.
- Presenters: Mark Perepelitza, Director of Sustainability, SERA Architects; Marc Brune, Associate Principal, PAE; Ralph DiNola, CEO, New Buildings Institute