



## BIO: Ecological Buildings & Cities

Online conference October 14-16 at the #GBF20

Today's visionary practitioners in the built environment have rejected the Anthropocene model and are leveraging natural processes in design, materials, construction, and operations to create a deeper integration between biology and our urban developments.

That's why the theme of [Sustainable Buildings Canada's 2020 Green Building Festival](#) is

**BIO: Ecological Principles in Buildings & Cities.**



**The 2020 Green Building Festival features 7 hours of unique online programming for \$50CAD (\$36US).**

**Oct 14, 10 am - noon Eastern**

**Architect and Biologist Steven Ware** of Art&Build explores Biodiversity, Bioresources, Bioeconomy and Biomimicry as cornerstones for building design. Steven will spotlight living elements as inspiration for the creation, transformation, and regeneration of our built world.

Global pioneer of Engineered Living Materials, U of Colorado's **Dr. Will Srubar**, presents on the feasibility and scalability of "growing" building materials with negative carbon footprints using photosynthetic microorganisms.



*Photo: U Colorado*



*Photo: Art&Build*

### **Oct 15, 10 am - noon Eastern**

Green roof failure is more common than you think and site specifications can actually work against local biodiversity. Our all-star panel of three **ecosystem** experts will present the best bioregional practices for sites, buildings and cities in terms of soils, vegetation and green roofs.

### **Oct 16, 10 am - noon Eastern**

**Integrated Project Delivery (IPD)** is a measurably improved method of project development and delivery. A panel of the architect, engineer, contractor and envelope manufacturer of the Oakville Firehall will discuss how they employed the IPD process to develop the design of this mass timber building, set environmental goals and ensured that a tight construction schedule was met while maintaining green credentials.

### **Oct 16, 1 - 2 pm Eastern**

Finally, the Director of the City Design Practice of Skidmore Owings & Merrill (SOM) **Peter Kindel**, will present the concept of **biomorphic urbanism** which informed the Future City project on urbanization in the year 2050 and addresses conservation of ecological resources, dense settlement patterns, and the behavior of people and culture.

**The 2020 Green Building Festival is a dynamic and cost effective opportunity to earn 7 continuing education hours for AIA, GBCI, OAA, PEO, OPPI, and OALA, all for less than \$40US.**

Read more at [www.gbf20.com](http://www.gbf20.com) and [register today](#).

### **Delegates say:**

“I am impressed with the variety and quality of speakers. Really important to meet the needs of this technically savvy crowd who are looking for new ideas to deal with climate change “

“GBF is one of the few remaining meetings that delivers content over spin.”

“The Green Building Festival has changed how I practice architecture”

“I was very impressed with the quality of the presentations and knowledge of the presenters. Always an important conference to attend. “