

# SUSTAINABLE BUILDING IN THE DESERT

## SCOTTSDALE



## GREEN BUILDING PROGRAM

## CITY OF SCOTTSDALE

## GREEN BUILDING LECTURE SERIES 2018/2019

### Scottsdale Granite Reef Senior Center

located at  
1700 N. Granite  
Reef Road  
(NW corner of  
McDowell &  
Granite Reef  
Roads)

7 to 8:30 p.m.

Free Admission

**October 4, 2018**

### **The Circular Economy: Reduce, Reuse, Recycle, Reconsider & Re-imagine**

In a traditional linear economy, materials are made, used and disposed of in the landfill. In a circular economy, resources are kept in use for as long as possible to extract maximum value, then recovered to regenerate new materials. Circular economies divert waste from landfills, reduce environmental impacts, conserve energy and water, and save money. Hear about community initiatives, business efforts and what you can do to support a circular economy.

**December 6, 2018**

### **Future Proofing: Carbon Neutrality & Energy Efficiency in New & Existing Buildings**

While renewable energy reduces the need to produce energy from dirty sources in the future, energy efficiency reduces the need to produce energy now. Energy efficiency is among the most cost-effective ways to reduce carbon emissions, making it a key part of fighting climate change. Learn how you can reduce environmental impacts and improve the prospects for a bright future with the buildings we live and work in.

**February 7, 2019**

### **Living an Edible Landscape Life**

Come join in the conversation and be inspired to grow as urban gardeners share the benefits and how-to's of growing your own healthy food, herbs, edible flowers and fruit trees in our desert environment. Learn about our planting and harvesting seasons, as well as the importance of seed saving. Hear the latest news about ancient grains. Includes a lively, interactive food tasting experience for all ages!

**April 4, 2019**

### **Radiant Cooling & Other Alternatives to Conventional Air Conditioning**

Did you know that 43% of all electricity consumed in Phoenix metro area homes is used for air conditioning? Learn about mean radiant temperatures and efficient ways to remove heat while improving thermal comfort and saving energy. Discover the advantages of radiant cooling systems and hydronic technologies.

**June 6, 2019**

### **Cutting Edge Residential & Commercial Green High-Performance Buildings**

What are the technological trends and building prototypes for the 21st century? Who are the early adopters and market leaders? Come see and hear about successful innovative residential and commercial projects that exemplify principles of resource conservation, energy independence and healthy living.