



ASEA/AzSC 2004 Lecture Series

The Arizona Solar Energy Association in conjunction with the Arizona Solar Center continues its popular 'Living With the Sun' lecture series under the sponsorship of the City of Scottsdale Green Building Program. The 2004 lecture series - Energy and Environment will occur monthly on the third Thursday of each month starting in February, and will occur at the City of Scottsdale Urban Design Studio located at the northeast corner of 75th Street and Indian School Road. Planned topics will include the following:

Feb.- Energy and Environment

Introduction to the Series with a history and perspectives re: energy and its role in our lives.

Mar.- Resources

Toward Security, Stability and Sustainability - Renewable Energy Opportunities for Power and Independence, Overview of renewable energy power sources including wind, water, geothermal, hydrogen, and solar.

Apr.- Strategies

Site and Situation - Planning, Design and Landscaping for Appropriate Desert Integration, Energy and resource efficient site planning and landscaping

May - Strategies

Passive First - Reduction of Power Demands Through Design With Nature, Passive solar strategies for an energy efficient building through orientation, spatial arrangement, materials selection, and building element placement.

Jun.- Technologies

Water - Meeting Human Needs and Comfort, Resource efficiency, applications, and solar heating for domestic use for pools, washing, and bathing, and for health (distilling).

Jul.- Technologies

Space Heating and Cooling - Passive and Active R.E. Systems for Gaining Comfort, Renewable energy heating and cooling thermal mass and skin approaches from building materials to cool towers and roof ponds.

Aug.- Technologies

Power From the Sun - Independence and Security With Photovoltaics, Overview of photovoltaic utilization and integration.

Sep.- Technologies

What's Cooking? - Hot Food and Clean Water Using the Sun, A popular past lecture returned by public demand - using the sun's heat to cook our food and purify our water.

Oct.- Motivations

Incentives and Opportunities in Using Renewables, Economic and environmental benefits for renewable energy utilization.

Nov.- Renewables Futures

Visions of Appropriateness, Renewable energy buildings and communities - a view of the future with local designers sharing their visions.

This Series schedule may change or be altered from time to time. Please check the Arizona Solar Center Calendar for updates. For more information regarding the ASEA/AzSC Living With the Sun lectures contact Dan Aiello at 602-952-8192