

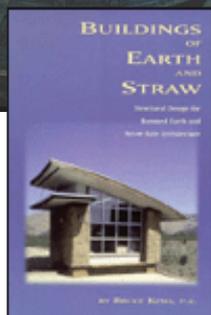
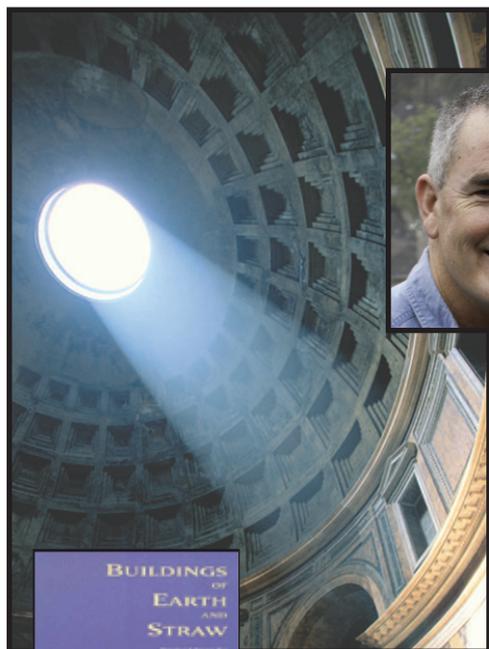
ASRi

Proudly
presents:

Bruce King. P.Eng.

Founder & Director: The Ecological Building Network

Technical Seminars Engineering Outside the Box



Introduction: These three seminars will examine the rationale for using alternative building materials in construction, and present solutions to the technical, regulatory and logistical challenges of stepping outside of conventional practice. They will be of interest to architects and engineers, as well as building officials, builders and technologists.

Module 1: Alternative Materials & Systems – the State of the Art

For many reasons more and more people are building with “alternative materials and systems” not well covered by the Codes. This module reviews the many systems in use today, both manufactured and “natural”, and what we know about them for design, durability and life safety purposes. Topics include: • what are “alternative materials and systems” • structural functions of building components, and • “risk” versus “uncertainty” in using alternative materials.

Module 2: “Getting it permitted” – Alternative building materials and the codes

This module examines the regulatory requirements of building ‘to Code’ with both conventional and alternative materials, including seismic, fire, moisture, durability, ventilation and thermal considerations. The session will review case studies and success stories with building permits and look ‘beyond the code’. Topics include: • defining alternative materials and systems, • overview of applicable standards & codes, • addressing the requirements the Code and building officials, • dealing with risk, and • the limitations of building codes.

Module 3: Integrative Design – the art of cat herding

Integrative Design means keeping a lively eye on the Big Picture. This module will look at strategies and guidelines to keep a team working in harmony. The session will examine a few horror stories when no one bothered to communicate. Topics include: • working with what’s at hand: climate, site, culture, materials and labour, • processes for collaboration, • reducing building impacts, • thoughts on the future of building.

All modules are eligible for professional Learning Unit credits for members of AIBC and APEG. All participants will receive a copy of Bruce King’s - *Buildings of Earth and Straw*.

Sponsored by:



Saturday, March 24th, 9.00 AM - 1.00 PM



Rm. A102, Social Sciences Bldg
University of Victoria, Victoria, BC
Tickets: **\$200** available at: www.asri.ca