

# LEARN TO BE GREEN WITH NCARB MONOGRAPHS

In 2007, Texas became the first state to require that one hour of continuing education completed by architects, interior designers, and landscape architects is in sustainable or energy-efficient design. In January 2009, the American Institute of Architects (AIA) added a four-hour sustainable design requirement as part of their annual 18-hour requirement. These requirements are examples of the growing importance the green movement is having on design professions.

NCARB has identified a list of its top “green” monographs that fulfill these requirements as well as offer advice on how to become a more eco-friendly designer. All are written by experts in their fields and explore topics relevant to your practice.

Each monograph includes a short, open-book, multiple-choice quiz on its subject matter. All monograph quizzes can be taken online on NCARB’s web site. This option provides test takers with the ability to obtain instant feedback. Finish an online quiz, hit send, and results are immediately available.

## **TOP SUSTAINABLE DESIGN MONOGRAPHS**

NCARB recommends the following monographs to satisfy state and AIA health, safety, and welfare (HSW) and sustainable design (SD) requirements, although all of the NCARB monographs will satisfy these requirements. Prices range from \$100-\$175 for NCARB Record holders and \$200-\$275 for non-Record holders. An order form can be found on the back cover or at [www.ncarb.org/publications/pdpmonographs.html](http://www.ncarb.org/publications/pdpmonographs.html).

### **BUILDING ENVELOPE (10 PDUS)**

*Building Envelope* provides an overview of the design and construction of conventional building envelopes as well as an introduction to the more unusual building envelopes associated with many of today’s state-of-the-art practices. Learn how computerized technology, both in design and in manufacturing, has lent itself to re-envisioning what envelopes can achieve visually and operationally.

### **BUILDING EVALUATION FOR PRESERVATION (14 PDUS)**

Extending a building’s life is almost always more sustainable than demolition and reconstruction. NCARB’s newest monograph provides a clear and comprehensive approach for making the critical decision on whether to adaptively reuse or to demolish and rebuild.

### **DAYLIGHTING PERFORMANCE AND DESIGN (12 PDUS)**

This guide to the successful use of daylighting includes the various benefits of daylight in commercial, industrial, education, and institutional settings. It also takes an in-depth look at five design fundamentals of daylighting: issues, variables, strategies, elements, and options.

### **DESIGN WITHIN A COMMUNITY CONTEXT (8 PDUS)**

A fascinating exploration of architecture’s role in community planning. Architects can work toward improved projects that respond to the social needs of community residents by having a greater role in the public sector.

### **ENERGY-CONSCIOUS ARCHITECTURE (10 PDUS)**

*Energy-Conscious Architecture* describes methodology that emphasized energy-conscious design in a wide array of project types. From individual homes to large-scale corporate offices, energy-conscious design works best when it identifies project-specific technical and institutional issues.

### **GETTING TO SMART GROWTH (6 PDUS)**

This monograph is a comprehensive introduction to smart growth policies and their implementation. Ten principals are linked to 10 specific policies that encourage smart growth initiatives and can be used in many developmental scenarios.

### **GETTING TO SMART GROWTH II (6 PDUS)**

*Getting to Smart Growth II* presents new tools, policies, and approaches available to create more livable communities for the public and private sector. It includes a menu of options that can be mixed and matched to fit local circumstances, local visions, and local values.

### **HEATING AND COOLING DESIGN FOR BUILDINGS (14 PDUS)**

*Heating and Cooling Design for Buildings* presents the latest in the theory and practice of environmental control system design. It is a useful resource for architects interested in designing buildings that rely on renewable-energy sources.

### **IMPROVING BUILDING PERFORMANCE (10 PDUS)**

*Improving Building Performance* is a richly detailed and highly accessible introduction to post-occupancy evaluation (POE) or “programming in reverse.” By assessing the actual performance of a building and comparing it to identified performance standards, architects can better determine the outcome and quality of work.

### **INDOOR ENVIRONMENT (10 PDUS)**

Because unhealthy indoor environments often create significant and wide-ranging health-related and economic effects, this monograph shows how to avoid indoor environment quality problems. It also includes guidelines for correcting problems in facilities and offers quality control strategies that have been developed with architects in mind.

### **SUSTAINABLE DESIGN (10 PDUS)**

Built around a comprehensive investigation of sustainable design benefits and elements, *Sustainable Design* looks at the concept where interdependent natural, social, and economic systems flourish today without compromising their future prosperity. Learn about five sustainable elements—energy, site, air, water, and materials—and basic design strategies for each.

### **SUSTAINABLE DESIGN II (12 PDUS)**

This monograph focuses on the “nuts and bolts” of green building design that architects need to master in order to design more environmentally responsible buildings. It looks at ways to assess a project’s environmental and health impact related to energy, water, land use, materials, waste, and indoor environmental quality.

The NCARB monograph series offers quality, convenience, and affordability. And now, it offers architects options on how to satisfy sustainable design requirements. Current NCARB Record holders can earn professional development units (PDUs) for less than \$16 per unit—one of the lowest continuing education unit costs available today. **DC**