



U.S. GREEN BUILDING COUNCIL  
**IDAHO CHAPTER**

## 2011 Idaho Green Expo Green Schools Initiative

### USGBC Green Schools Initiative

**Date:** Saturday, May 14, 2011, 1:00pm – 5:00pm

**Location:** Summit Room, Boise Centre on the Grove

#### **Event Summary: Greening Our Schools = Prosperous Future Generations!**

Nationally and locally, schools are at the forefront of debate. Rather than cut salaries, benefits and services, we have an opportunity to green our schools, which reduces operating costs, improves student performance and protects our environment.

Approximately 20 percent of our national population — 60 million people — go to school every day as students, teachers, staff or administrators. Building and renovating schools to meet their needs is an important responsibility, one that also represents the largest construction sector in the United States — a total of \$80 billion from 2006 to 2008. By promoting the design and construction of new green schools and by greening the approximately 99,000 existing public schools, we can all make a tremendous impact on improving student performance and health, while decreasing operational costs and protection the environment.

What is a green school?

**green school** /grEn skül / n. a school building or facility that creates a healthy environment that is conducive to learning while saving energy, resources and money.

#### Characteristics of a Green School

- Conserves energy and natural resources
- Saves taxpayer money
- Improves indoor air quality
- Removes toxic materials from places where children learn and play
- Employs daylighting strategies and improves classroom acoustics
- Employs sustainable purchasing and green cleaning practices
- Improves environmental literacy in students
- Decreases the burden on municipal water and wastewater treatment
- Encourages waste management efforts to benefit the local community and region
- Conserves fresh drinking water and helps manage stormwater runoff
- Encourages recycling
- Promotes habitat protection
- Reduces demand on local landfills

#### **The Green Schools Initiative consists of four sessions:**

1. Green Schools = Energy Savings + Student Health
  2. Join the Green Schools Campaign!
  3. Green Schools = Profit + Prosperity
  4. Progressive Teachers = Green Future
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### **1. Green Schools = Energy Savings + Student Health**

**Saturday, 1:00 pm – 2:00 pm**

#### **“Idaho schools benefit from energy and air quality audits”**

Discover how over 700 K-12 schools in Idaho benefited from energy and indoor air quality audits funded by over \$19 million in stimulus funding. Representatives of the Office of Energy Resources will present their findings and announce the successes from the school retrofit and solar for schools programs. Learn what your school can do to save energy and improve student health.

#### **Presenters**

Introduction and Moderation by Sharon Patterson

Presentation by Sue Seifert, Office of Energy Resources, and Ken Baker, K energy

Discussion with Audience

### **2. Join the Green Schools Campaign!**

**Saturday, 2:00pm – 3:00pm**

#### **“Connect with local leaders for green schools”**

Local leaders are joining a national movement to green our schools within a generation. Be a part of the discussion and make a pledge to improve student performance and health, while decreasing operational costs. How can we connect to a larger initiative to transform our schools in Idaho?

#### **Presenters**

Introduction and Moderation by Sharon Patterson

Presentation by Scott Hopkins, USGBC Green Schools Advocate for Idaho

Discussion with Audience and Local Leaders

### **3. Green Schools = Profit + Prosperity**

**Saturday, 3:00 pm – 4:00 pm**

#### **“Caldwell and taxpayers profit from green schools”**

Rather than cut salaries, benefits and services, we have an opportunity to green our schools to reduce operating costs, improve student performance and protect our environment. The Caldwell School District recognized these benefits and built two LEED Certified schools. Learn how students, teachers and the community are profiting from their decision to go green.

#### **Presenters**

Introduction and Moderation by Sharon Patterson

Presentation by David Naccarato, McKinstry Company

Discussion with Audience

### **4. Progressive Teachers = Green Future**

**Saturday, 4:00 pm – 5:00 pm**

#### **“Greening the curriculum in Idaho schools”**

Local teachers are imparting lessons of stewardship and kinship, preparing students so that they can lead productive lives. Hear about teachers and students right here in Boise that are learning about green living by building a LEED home, installing alternative energy, restoring wildlife habitat and more. What can we do to green the learning experience for the future generation in Idaho?

#### **Presenters**

Introduction and Moderation by Sharon Patterson

Presentation by Local Teachers:

Jeremy Whitman, Meridian Academy

Scott Larson, Dehryl A. Dennis Professional-Technical Education Center, Boise School District