Get the comprehensive guide to the sustainable design of schools.

The elementary and secondary school buildings and campuses built today are the schools of the future. Sustainable School Architecture is a guide to the planning, architecture, and design of schools that are healthy, stimulating, and will conserve energy and resources. Written with the needs of architects, construction professionals, educators, and school administration in mind, the book provides a road map for sustainable planning, design, construction, and operations.

By its very nature, a school is often the centerpiece of its community and, therefore, well positioned to take the lead in influencing environmental awareness. Building on this point, Sustainable School Architecture shows how eco-friendly practices for school construction can create an environment that young students will emulate and carry into the world. Written by experts on sustainable school design, this book:

- Focuses on the links between best sustainable practices and the specific needs of educational institutions.
- Has nineteen international case studies of the best contemporary sustainable schools located in urban, suburban, and rural communities in temperate, tropical, and extreme climate zones.
- Contains valuable information on the California Collaborative for High Performance Schools (CHPS) and the Leadership in Energy and Environmental Design (LEED®) rating system.
- Serves as a resource for incremental modernization and operation strategies as well as comprehensive transformation.
• Offers tips on running an integrated, community-based design process with support information on the materials and systems of the sustainable school.

• Includes contributions by experts on approaches to the sites, systems, maintenance, and operation of sustainable schools.

With a practical overview of how sustainability can be achieved in new and existing schools, and how to maintain this momentum in the years ahead, this important book provides architects with detailed guidance for designing healthier learning environments to help usher in a more promising future.

ABOUT THE AUTHOR

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