

# ENVIRONMENTAL DESIGN RESEARCH DIVISION

The Environmental Design Research Division conducts research and cooperates with other organizations in the development, demonstration, and implementation of design guides and standards and evaluation, test, and measurement methods used to assure the effectiveness, safety, and security of buildings and community environments. The Division's work includes research on the effectiveness of building and site configurations; patterns of building use; building and community acoustics; the sensory environment—including visual communication and color; safety in buildings during normal use and in emergencies; building security; energy-efficient building design and performance; needs of building users, including the elderly and disabled; methods for improving energy conservation and the performance of existing buildings; and development methods for post-occupancy evaluation.

Architects, engineers, psychologists, operations analysts, and acousticians make up the Division's staff. Multi-disciplinary Division and Center teams address multi-faceted building problems. Direct Congressional appropriation supports fundamental and general studies and is supplemented by funding from other Federal agencies for applied and specialized research. Federal agency sponsors include the Departments of Energy and of Housing and Urban Development, the Occupational Safety and Health Administration, the Federal Highway Administration, and the Environmental Protection Agency. The Division provides its research sponsors with a source of expertise for ongoing consultation as well as indepth reports based on its work.

Environmental Design Research Division  
Center for Building Technology

Mail: Building 226, Room B320  
National Bureau of Standards  
Washington, D.C. 20234  
Phone: 301-921-3704



U.S. DEPARTMENT OF COMMERCE / National Bureau of Standards  
National Engineering Laboratory / Center for Building Technology

