Ubbelohde, Susan, 46 University of Southern California Solar Studio, 146 Unlimited height districts, 122–23 Urban design and densities. See Densities and urban design Urban design for solar access. See Solar-access zoning; Solar envelopes Urbanization and growth overview, 111 boundaries, value of, 120-25 isolation from nature and, 85–86 in Los Angeles, 111–18 solar access zoning, 123-25 worldwide, 118-20 zoning practices, 121-23 See also Cities US Land Ordinance (1785), 122, 182 Val Duchesse palace, Brussels, 29 Venolia, Carol, 85 Ventilation courtyards and courtyard covers, 164 - 69toldos, interference from, 158 See also Wind Ventilation stacks, 156-57 Verandas in southern India, 53 See also Porches Vertical migration, 37 Vienna ceramic stoves in Hofburg Palace, 69 clothing in, 13 daily rituals in the Graben and Stadtpark, 16–18 glass buildings, 70–71 Wandl Hotel, 18 Village greens, 98–99 Villages American, 97-102 Prievoz vs. Petrzalka, Slovakia, 14, 31-35 siting of houses in, 121 Virginia Williamsburg chimney, 15 Vitruvius, 23

Walking and neighborhood rhythms, 115 Walls daily rhythms of light on, 8–9 and orientation of apartment blocks, 72, 145-49 See also Courtyard houses and buildings; Solar envelopes Wandl Hotel, Vienna, 18 Washington (state) ritual door, Suquamish, 18 Water combustion converted to hot water, 60 farm wells, 94 in Los Angeles, 111-12 in Spanish patios, 50, 51 Way finding, 133 Weiss, Marc, 119 "Well-adjusted houses," 43 West. See East-west orientation Whitney Portal, 24 Wilderness rhythms, 103 Williamsburg, Virginia, 15 Wind Bedouin tents and, 28 courtyard covers and wind flow, 164 - 69Windows in Gothic cathedrals, 80-81, 82, 83 opening and closing, 14 in solar envelope study, 141–42, 143 transformation and, 43–48 unopenable, 177 Yaroslavsky, Zev, 116 Zamindaar (landowner) houses of India, 53 Zoning in Los Angeles, 137 solar access zoning, 123–25, 131, 157 standard practices of, 121-23 See also Solar envelopes Zosaku system, 56-57

Zwingle, Erla, 118–19

## Island Press Board of Directors

Victor M. Sher, Esq. (Chair) Sher & Leff San Francisco, CA

Dane A. Nichols (Vice-Chair) Washington, DC

Carolyn Peachey (Secretary)

Campbell, Peachey & Associates Washington, DC

**Drummond Pike** (*Treasurer*) President The Tides Foundation San Francisco, CA

David C. Cole Chairman, President, and CEO Maui Land & Pineapple Company, Inc. Kahului, Maui, HI

**Catherine M. Conover** Quercus LLC Washington, DC

Merloyd Ludington Lawrence Merloyd Lawrence Inc. Boston, MA

William H. Meadows President The Wilderness Society Washington, DC

Henry Reath Princeton, NJ Will Rogers President The Trust for Public Land San Francisco, CA

Alexis G. Sant Trustee and Treasurer Summit Foundation Washington, DC

**Charles C. Savitt** President Island Press Washington, DC

Susan E. Sechler Senior Advisor The German Marshall Fund Washington, DC

**Peter R. Stein** General Partner LTC Conservation Advisory Services The Lyme Timber Company Hanover, NH

Diana Wall, Ph.D. Director and Professor Natural Resource Ecology Laboratory Colorado State University Fort Collins, CO

Wren Wirth Washington, DC