Record Nr. UNINA9910155334703321 Sustainable High Rise Buildings in Urban Zones: Advantages, **Titolo** Challenges, and Global Case Studies / / edited by Ali Sayigh Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2017 **ISBN** 3-319-17756-7 Edizione [1st ed. 2017.] Descrizione fisica 1 online resource Disciplina 658.26 Soggetti Energy efficiency Civil engineering Sustainable development **Energy Efficiency** Civil Engineering Sustainable Development Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index. High Rise Buildings in North America -- High Rise Buildings in South Nota di contenuto America -- High Rise Buildings in Europe -- High Rise Buildings in Africa and the Middle East -- High Rise Buildings in Asia. Sommario/riassunto This unique reference gathers numerous new studies examining specific, prominent high-rise buildings around the world. Each nuanced study included undertakes the following pivotal considerations: environmental impacts; safety & social acceptability; energy consumption and comfort; planning contexts within the urban zone; physical footprint and size; services and risks; and a careful assessment of advantages and challenges. Architects and engineers exploring and optimizing sustainable building practices, energy managers, municipal and private project planners, as well as students will find edification and inspiration in the analysis provided by esteemed practitioners and professors within this fascinating volume.