Record Nr. UNINA9910824139203321 Infrastructure sustainability and design // edited by Spiro Pollalis, ... **Titolo** [et al.] New York, : Routledge, 2012 Pubbl/distr/stampa **ISBN** 1-136-32039-3 0-203-12031-0 Edizione [1st edition] Descrizione fisica 1 online resource (351 p.) Altri autori (Persone) PollalisSpiro N. <1954-> Disciplina 711/.12 Soggetti City planning - Environmental aspects Urban ecology (Sociology) Sustainable development Ecological engineering Lingua di pubblicazione Inglese Formato Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto pt. 1. Dimensions of sustainability -- pt. 2. Sustainable practice in infrastructure systems -- pt. 3. Assessing urban infrastructures -- pt. 4. Design and planning for infrastructure sustainability. "You're overseeing a large-scale project, but you're not an engineering Sommario/riassunto or construction specialist, and so you need an overview of the related sustainability concerns and processes. To introduce you to the main issues, experts from the fields of engineering, planning, public health, environmental design, architecture, and landscape architecture review current sustainable large-scale projects, the roles team members hold, and design approaches, including alternative development and financing structures. They also discuss the challenges and opportunities of sustainability within infrastructural systems, such as those for energy, water, and waste, so that you know what's possible. And best of all, they present here for the first time the Zofnass Environmental Evaluation Methodology guidelines, which will help you and your team improve infrastructure design, engineering, and construction"--Provided by publisher.