1. Record Nr. UNINA9910132754003321 Autore Takashi Mino Keisuke Hanaki Titolo Environmental Leadership Capacity Building in Higher Education [[electronic resource]]: Experience and Lessons from Asian Program for Incubation of Environmental Leaders // edited by Takashi Mino. Keisuke Hanaki Springer Nature, 2013 Pubbl/distr/stampa Tokyo:,: Springer Japan:,: Imprint: Springer,, 2013 **ISBN** 4-431-54340-6 Edizione [1st ed. 2013.] Descrizione fisica 1 online resource (XI, 140 pages): 34 illustrations, 24 illustrations in colour 333.7072 Disciplina Environmental management Soggetti **Environmental sciences** Science education **Business ethics Environmental Management Environmental Science and Engineering** Science Education **Business Ethics** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Bibliographic Level Mode of Issuance: Monograph Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Asian Program for Incubation of Environmental Leaders -- Concepts of EL -- How to teach EL in a class room - Environmental Challenges and Leadership in Asia -- APIEL resonance -- Leadership Education tackling Water Environmental Issues in Arid Regions -- IPoS: Intensive Program on Sustainability -- Cambodia Considering their sustainable future --BKK: Sustainable solid waste management in Asian developing

Greater Pearl River Delta, China.

Sommario/riassunto

The Graduate Program in Sustainability Science under the Department of Urban Engineering of The University of Tokyo has been running an environmental leadership education program at the graduate student level since 2007 called the Asian Program for Incubation of

countries -- Sustainable urban development toward Green City of the

Environmental Leaders (APIEL). This book describes the University's experiences in establishing and organizing that program and provides some lessons learned for those who are considering starting environmental leadership education programs. APIEL's curriculum includes the classroom topic "Environmental Challenges and Leadership in Asia." As well, the APIEL program has field units to provide experience in problem solving, decision making, and participation, taking into consideration ecological, political, economic, social, aesthetic, and ethical aspects. Another characteristic feature of the program is that it promotes changes in attitudes and behavior that will help to solve existing environmental problems and to avoid a generation of new ones. Over the four years of study, efforts have been made to bond leadership with field-oriented exercises such as: 1) The Intensive Program on Sustainability; 2) an integral approach focused on sustainable integrated watershed management of arid regions: 3) sustainable development of programs in Cambodia. Vietnam, and Thailand for qualifying students with problem-solving processes to combat issues such as flooding, lack of proper urban environmental infrastructure, and health risks; and 4) the Greater Pearl River Delta program with multicultural diversity to bring about sustainable urban development for a green city. All of those are described in the book. Last but not least, APIEL's resonance throughout international networks and alumni are introduced.