Record Nr. UNINA9910169206003321 Complex systems, sustainability and innovation / / edited by Ciza **Titolo Thomas** Pubbl/distr/stampa Rijeka, Croatia:,: IntechOpen,, 2016 **ISBN** 953-51-6688-3 953-51-2842-6 Descrizione fisica 1 online resource (126 pages): illustrations 690.8 Disciplina Soggetti **Ecological houses** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references. Sommario/riassunto The book on complex systems, sustainability, and innovation explores a broad set of ideas and presents some of the state-of-the-art research in this field concisely in six chapters. In a complex system, it is difficult to know exactly how the individual components contribute to an observed behavior and the extent of each component's contributions. It is the interactions of the individual components that determine the emergent functionalities. This makes it difficult to understand and predict the behavior of complex systems and hence the effects of any innovations in this field. This necessitates for the emergence of a new age of innovations with the main focus on user orientation and sustainability. This book explores some of the complex systems and their dependence on the environment to provide a longterm perspective, aiding innovations and supporting a sustainable society. The intended audience of this book will mainly consist of researchers, research students, and practitioners in the field of

complex systems and sustainability.