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Nota di contenuto	Innovation in open science, society and policy : setting the agenda for citizen science / Susanne Hecker, Muki Haklay, Anne Bowser, Zen Makuch, Johannes Vogel and Aletta Bonn -- Part I. Innovation in citizen science : setting the scene. Ten principles of citizen science / Lucy Danielle Robinson, Jade Lauren Cawthray, Sarah Elizabeth West, Aletta Bonn and Janice Ansine ; Scientific impacts and innovations of citizen science / Jennifer L. Shirk and Rick Bonney ; Participatory citizen science / Muki Haklay ; Technology infrastructure for citizen science / Peter Brenton, Stephanie von Gavel, Ella Vogel and Marie-Elise Lecoq ; Evaluating citizen science : Towards an open framework / Barbara Kieslinger, Teresa Schafer, Florian Heigl, Daniel Dorler, Anett Richter and Aletta Bonn -- Part II. Innovation in science with and for society. Watching or being watched : Enhancing productive discussion between the citizen sciences, the social sciences, and the humanities / Dana Mahr, Claudia Gobel, Alan Irwin and Katrin Vohland ; The value of indigenous and local knowledge as citizen science / Finn Danielsen, Neil D. Burgess, Indiana Coronado, Martin Enghoff, Sune Holt, Per M. Jensen, Michael K. Poulsen and Ricardo M. Rueda ; Citizen engagement

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Sommario/riassunto

"Citizen science, the active participation of the public in scientific research projects, is a rapidly expanding field in open science and open innovation. It provides an integrated model of public knowledge production and engagement with science. As a growing worldwide

phenomenon, it is invigorated by evolving new technologies that connect people easily and effectively with the scientific community. Catalysed by citizens' wishes to be actively involved in scientific processes, as a result of recent societal trends, it also offers contributions to the rise in tertiary education. In addition, citizen science provides a valuable tool for citizens to play a more active role in sustainable development. Citizen Science: Innovation in Open Science, Society and Policy identifies and explains the role of citizen science within innovation in science and society, and as a vibrant and productive science-policy interface. The scope of this volume is global, geared towards identifying solutions and lessons to be applied across science, practice and policy. The chapters consider the role of citizen science in the context of the wider agenda of open science and open innovation, and discusses progress towards responsible research and innovation, two of the most critical aspects of science today"--
