

by asking the related question, why is it challenging to define citizen science? Definition of citizen science. We do that from a particularly European perspective, where the variety of national and subnational This article describes the model for building and operating citizen science projects that has evolved at the Cornell Lab of Ornithology over the past two ades This open access book discusses how the involvement of citizens into scientific endeavors is expected to contribute to solve the big challenges of our time, such as climate change and the loss of biodiversity, growing inequalities within and between societies, and the sustainability turn We highlight key issues in citizen science and how to address them, such as participant engagement and retention, data quality assurance and bias correction, as well as ethical considerations In this chapter, we address the perennial question of what is citizen science? citizen science data sets containing a wealth of information are unknown or unavailable to isionmakers. Introduction. Over the past ade and a half, we have seen the emergence of typologies, definitions, and criteria for qualifying citizen science Citizen science, broadly defined as public participa-tion in scientific research and knowledge production, is becoming an increasingly well developed and valued approach with global reach and The citizen science experience makes science more accessible, expands the view of science beyond a laboratory, and empowers students to identify as active agents of scientific discovery Citizen Science: Theory and Practice (CSTP) is an online, open-access, peer-reviewed publication focused on the global field of citizen science and other participatory sciences Exploring its trends and its role in sustainable development. Through Wilson Center Citizen Science. Contents. Emerging phenomena in citizen science This report highlights how government agencies use prize competitions and challenges (PC&Cs) and crowdsourcing and citizen science (CCS) activities to engage with We explore how citizen science has been defined differently, depending on the context. The process of making these data accessible and usable as a tool 2, · Citizen science is a growing field of research and practice, generating new knowledge and understanding through the collaboration of citizens in scientific research This open access book discusses how the involvement of citizens into scientific endeavors is expected to contribute to solve the big challenges of our time, such as climate change Download the Citizen Science Principles document [pdf · 1mb] Key principles which underlie good practice in citizen science have been developed to form a consistent, Citizen science fosters scientific literacy by engaging students in meaningful science research that addresses real world issues and leads to scientific advancement.