

A Vision for Global Biodiversity Monitoring With Citizen Science

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© 2018 Elsevier Ltd Global biodiversity monitoring is urgently needed across the world to assess the impacts of environmental change on biodiversity. One way to increase monitoring is through citizen science. 'Citizen science' is a term that we use in this chapter to describe the diverse approaches that involve people in monitoring in a voluntary capacity, thus including participatory monitoring in which people work collaboratively with scientists in developing monitoring. There is great unrealised potential for citizen science, especially in Asia and Africa. However, to fulfil this potential citizen science will need to meet local needs (for participants, communities and decision makers, including people's own use of the data and their motivations to participate) and support global needs for biodiversity monitoring (including the United Nations' Sustainable Development Goals and the Aichi

Biodiversity Targets). Activities should be feasible (for participants to provide scientifically