The potential of Citizen Science to support monitoring of the environment

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The potential of Citizen Science to support monitoring of the environment

- Filling data gaps & increasing granulatory
- CS is a very fast way of gathering data and the quality can match conventional science
- CS can reach places other sciences can't…..
- CS provides information to regulators for use in assessments/ models to inform environment monitoring & management
- Feedback to citizens helps drive behavioral change
- CS is informing policy development

Climate change

Biodiversity

Image categorization - (Picture Pile)

(a)

(b)

Marine litter

Air Quality

Main messages

1. Traditional data sources are not sufficient for measuring the SDGs. When combining official data with CS data, then you have a very powerful way of improving monitoring

2. CS is a process of learning, conducting pilot studies, communicating, providing incentives to citizens, feeding back to citizens and requires successful scaling-up of projects

3. CS is affordable, efficient and often with good quality data which is getting better all the time and common standards and methods are being developed. CS is impacting on policy and legislation. Finally, CS is a good way to detect emerging issues and promoting environmental awareness across a broad spectrum of society