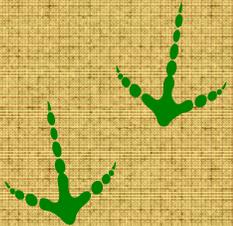


Introducing **Citizen Science**

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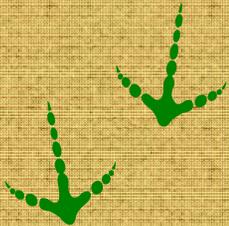


Citizen science: A tool for research, education, and community development that involves people who are not professional scientists in real forms of scientific study.

A.K.A. citizen monitoring, participatory science, collaborative research, community-based science, etc.

Why Citizen Science?

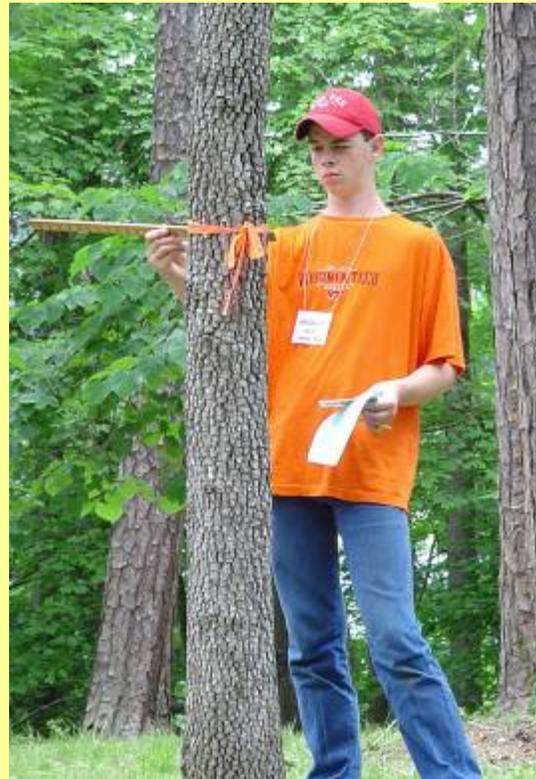
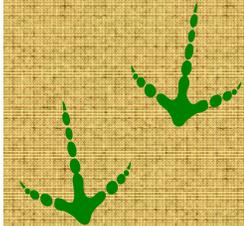
- To answer research questions over broad temporal and geographic scales
- To engage the public in solving a natural resources issue
- To promote awareness of a study system or a study site
- To promote an understanding of science
- To get the public outdoors with a purpose
- To expand funding possibilities





Basic Elements of Citizen Science

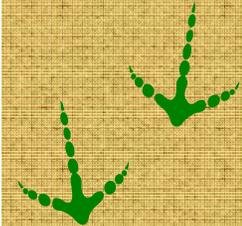
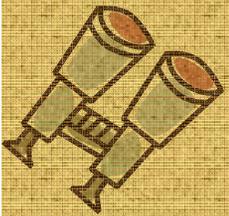
- Citizen science actively involves the public, people who are not professional scientists.





Basic Elements of Citizen Science

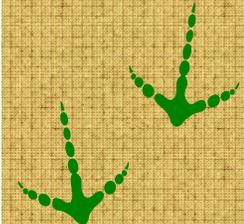
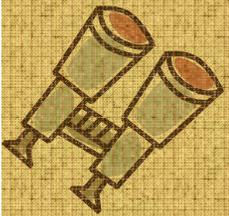
- Citizen science also involves professional scientists at some level.





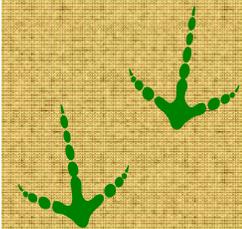
Basic Elements of Citizen Science

- Citizen science results in meaningful, useful data that aim to advance scientific understanding and can be applied to real world problems.



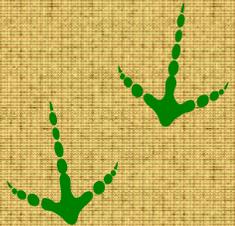
Basic Elements of Citizen Science

- Citizen science has a clearly defined educational component.



Diverse Approaches to Citizen Science

- Range of volunteer roles, from data collector/technician to principal investigator
- Range of scientific goals, from simple scientific discovery to very management-oriented
- Range of study systems, from worms to stars
- Range of participants/volunteers
- Range of scales, from local and community driven to international
- Range of educational goals



What Makes CS Successful?

- Meets project goals, both scientific and educational
- Attracts and retains participants
- Sustainable, particularly for long-term studies

