

Environmental Measurement Symposium

***“Effectively Communicating
Scientific Information”***

33rd Annual Conference

Washington, DC

August 7-11, 2017

33rd Environmental Measurement Symposium

Forum on Environmental Accreditation

National Environmental Monitoring Conference

NELAC

US EPA

Grand Hyatt

Washington, DC

Effectively Communicating Scientific Information

CITIZEN SCIENCE

Leon F. Vinci, DHA, DAAS, RS
CEO-President
Health Promotion Consultants

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MIT Technology Review

JAN '89

Quoting from R. Kerson in a Wilson Center report :

"The new form of engagement in science received the name "citizen science".

Described how 225 volunteers across the US conducted citizen research in assisting the [Audubon Society](#) in an acid-rain awareness raising campaign. The volunteers collected rain samples, checked for acidity, and reported back to the organization. The information was then used to demonstrate the full extent of the phenomenon.

DEFINITION

- **Citizen Science/Research** is defined as :
“scientific work undertaken by members of the general public, often in collaboration with or under the direction of professional scientists and scientific institutions“
- The term *citizen science* entered the Oxford English Dictionary (OED) June 2014

Effectively Communicating Scientific Information

Today's Discussion :

Dispelling Myths

Sharing Data

Open-source Tools

Volunteers -- Community Efforts

C-S and Environ. Protection

Panel Q & A

Citizen Research : Impacting Policy Makers

Citizen Science to support local leaders and decision-makers (in public and private sectors) in recognizing risks to public health and taking actions to :

- improve health
- reduce impacts (to health/environment)
- enhance our lives

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