



US Embassy Manila Virtual Embassy Science Fellow webinars

Webinar 2 of 4: 17/18 August 2021

**Topic: Environmental Surveillance: Moving from Prediction to Monitoring to Action
Building citizen science capacities to support climate adaptation**

Manila: 0900-1100 Wed 18 Aug
GMT: 0100-0300 Wed 18 Aug
Washington: 2100-2300 Tue 17 Aug



Goal

Build support for habitat and wildlife health surveillance needs assessments and capacity building efforts
Increase knowledge of and opportunities for citizen participation in such surveillance

Desired Outcomes

Demonstrate how citizen engagement in science activities through engagement, education, and awareness can change motivations or behavior

Demonstrate how citizen science can contribute to scientific results or outcomes, including climate change and emerging infectious disease

Development of partnership(s) and/or project(s) to build surveillance activities and capacity to benefit the Philippines and other Southeast Asian nations

Agenda

Welcome and setting the stage (10 minutes)

Host: Claire Bea, U.S. Department of State, U.S. Embassy Manila

Embassy Science Fellow: Matthew Andersen, U.S. Geological Survey, International Programs

MC: Alexandra (Ali) Swanson, U.S. Department of State, Bureau of Oceans and Environmental Science

Panel Presentations I (45 minutes)

1. Citizen Scientists are Taking the Pulse of our Planet

Jake Weltzin, U.S. Geological Survey

2. Using online tools to track the global status and trends of pollinators and their habitats

Kathleen Rogers, EarthDay.org

3. Raising awareness of zoonotic risks through SEAOHUN regional student competition

Nur Indah Ahmad, Universiti Putra Malaysia and MyOHUN

4. Community-based environmental monitoring using social media for the Mekong Delta; a salinity monitoring prototype

Duong Van Ni, Can Tho University, Viet Nam

Questions and Discussion

Break (5 minutes)

Panel Presentations II (35 minutes)

1. Citizen contributions to science and management in American national parks

Elise Dillingham, NPS

2. Using citizen science to track status and trends of pollinators in the Philippines changing in response to climate and other factors

Jonathan Mawdsley, U.S. Geological Survey

3. Data Interpretation, Policy Impact, and Shared Tools through People-Powered Research with the Zooniverse

Laura Trouille, Adler Planetarium and Zooniverse

Questions and Discussion

Break (5 minutes)

All panel and audience – additional questions and discussion (15 minutes)

Closing (5 minutes)

Summary – Swanson and Andersen

Adjourn – Bea



**US Embassy Manila
Embassy Science Fellow Webinar Series 2021
Additional events**

Webinar 1

22/23 July 2021

Topic: Preparing for the next pandemic: Concepts and tools for predicting risk at the intersection of climate change, habitat disturbance, and emerging infectious disease (EID)

Webinar 3

16/17 September 2021

Moving from prediction to monitoring to action: Reducing risk through surveillance, adaptation strategies, and a systems approach to solutions

Webinar 4

14/15 October 2021

Policy and economic implications of understanding environmental impacts: How climate change and ecological disturbance inform policies and investments