Readout: GEO Side Event on Oct 23 (Operationalizing One Health: Observe, Analyze, Communicate)

U.S. Department of State
Key Points

• One Health (approaching human-animal-environmental health as parts of a whole) is a key measure for protecting public health and generating efficiencies

• One Health relies on cycle of observation, analysis, and communication

• Examples from the Arctic and from tropical regions dealing with mosquito borne disease
The Three Step Cycle

- **OBSERVATION** can be done locally (in situ) or remotely – both are informative and it’s important to coordinate.

- **ANALYSIS** is needed to interpret the data and understand what the risks are; many types of knowledge are needed.

- **COMMUNICATION** serves to get the word out and keep people safe – but are we talking about communicating to the general public, affected populations, health departments, etc.?
Key Take-Aways

• Observations (both sources and networks) are rapidly proliferating – more earth observation satellites, better connectivity, computing, etc.

• Big data techniques offer an opportunity to analyze, but don’t forget about other forms of knowledge!

• Communications are key but could benefit from strategic development and expertise of comms experts
Thank You