Food Security and Safety
Jan. 18, 2022
Agenda

• Introductions
• Review purpose and “ask” for GEO Health Work Groups
• Review potential Case Study Questions
• Quick review of Google Doc input from last year
• Brainstorming case studies: what to include, audience, purpose
• Action Items
• Quarterly meetings: April 12, 10 AM (ET), July 7, 12 PM (ET), Oct. 14, 2 PM, Jan. 18, 4 PM (ET)
GEO Health CoP Work Groups

- provide scientific and technical expertise on selected health-related topics for specific project tasks, projects, and activities
- identify and engage health partners, clarify and address health needs for capacity building, and identify and address Earth observation (EO) and prediction gaps and needs
- Cross-cutting themes related to One Health and the integrative information systems will be relevant for relevant issues that connect the objectives of each Work Group
Food Security and Safety

Work Group 4 aims to strengthen applications that address food- and water-borne diseases that undermine health, food safety, and monitoring and prediction of pathogens and toxins, including marine and coastal environments.
How are EO being integrated with food systems data to provide actionable information on food security in regions with extreme food insecurity?

WRI is working on a new initiative ‘Climate Risk Tool for Equitable Value Chains’ that will:
- Strengthen awareness of climate change risks and impacts
- Enhanced agency and decisions-making power of underserved users
- Improved integration of climate risk into decision making
- Improved, climate-responsive agricultural policies and plans

As part of it we’re conducting user interviews and needs assessments to better understand where EO data/tools can support coffee and rice producers in two countries.

POC: Liz Saccoccia
What is the impact of increasing heat on agricultural and ranching production in the western United States?

Open ET website: https://openetdata.org/intro/
What are the impacts of algae blooms and toxins on water quality, shellfish and aquaculture on the eastern coast of the United States?