



Food Security and Safety Work Group

Dorian Janney, Chair

Past Activities



We focused on three big questions:

1. How are EO being integrated with food systems data to provide actionable information on food security in regions with extreme food insecurity?
2. What is the impact of increasing heat on agricultural and ranching production in the western United States?
3. What is the impact of algae blooms and toxins on water quality, shellfish and aquaculture on the eastern coast of the United States?

For each question, we brainstormed on the following:

- Potential stakeholders and decision-makers
- What data are they currently relying on?
- What is the current state of the research?
- What are the gaps in the research and in the available data?

Present Activities



We are now shifting our focus to investigate the impact of climate change on food security and safety from a One Health perspective.

As a working group, we will brainstorm on similar questions as for the three big questions we looked at previously. We will begin by identifying the impacts and potential impacts of climate change on food security and safety, and focus in on the interactions of humans, animals, and the environment.

We have also taken a look at the impact of the war in Ukraine on food security and safety as an exercise in the real-world applications of EOS and other data to better understand the impact as well as operational responses.

See more here: <http://bit.ly/3ibSSCg>