

GEO VIRTUAL SYMPOSIUM 2020

Session 1: Earth Observations for COVID-19 Response and Recovery

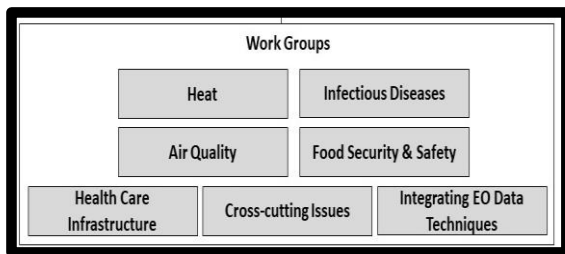
Welcome and Introduction

15 June 2020



Improving Health Decision-Making Using Environmental Observations

Global network of governments, organizations, and observers, who seek to use Earth observation data to improve health decision-making at the international, regional, country, and district levels



Teleconferences on Earth Observations and COVID-19: A Virtual Round the Room Update

BIO Facilitator

John Haynes is Co-Chair of the GEO Earth Observations for Health Initiative and GEO Health Community of Practice. This global network of scientists, researchers, and practitioners use Earth observation data to improve health decision-making.

John serves as Program Manager for Health and Air Quality Applications in the Applied Sciences Program of the NASA Earth Science Division at Headquarters in Washington, DC. Under his leadership, the program promotes the use of Earth observations in air quality management and public health, particularly involving environmental health and infectious diseases. He is the NASA Mission Program Applications Lead for the following future satellites: Tropospheric Emissions: Monitoring of Pollution (TEMPO), Multi-Angle Imager for Aerosols (MAIA), and the Geostationary Carbon Observatory (GeoCarb).

John received his MS in Meteorology from the University of Oklahoma and BS in Meteorology from the University of South Alabama. He can be contacted at jhaynes@nasa.gov.



John Haynes
Program Manager
Health and Air Quality Applications
NASA Applied Sciences Program

BIO Facilitator

Juli Trtanj is the One Health and Integrated Climate and Weather Extremes Research Lead for NOAA. She is responsible for coordinating NOAA's activities and resources with the health community. She also leads the National Integrated Heat Health Information System (NIHHIS) in partnership with the Centers for Disease Control, FEMA, OSHA, NIOSH, ASPR, EPA and other agencies.

Juli Co-Chairs the GEO Earth Observations for Health Initiative, and the GEO Health Community of Practice. She also Co-chairs the US Global Change Research Program's Cross-cutting Group on Climate Change and Human Health. She serves on the Global Heat Health Information Network (GHHIN) Interim Steering Committee, and co-chairs a new WMO/WHO Integrated Health Services Study Group. She has developed and run research programs on climate, oceans and human health. She can be contacted at juli.trtanj@noaa.gov.



Juli M. Trtanj
**One Health and Integrated Climate
Research Lead**
**National Oceanic and Atmospheric
Administration (NOAA)**

BIO Facilitator

Astrid-Christina Koch is Senior Expert in the DG Defence Industry and Space (DEFIS) of the European Commission. She works on the international dimension of the EU Space Programme together with European and International partners. She is the point of contact for the Committee on Earth Observation Satellites (CEOS) and the Group on Earth Observations (GEO) in DG DEFIS and is supporting cooperation on Copernicus worldwide. From 2007 – 2012 she served as science diplomat in the EU Delegation to the United States in Washington DC promoting transatlantic science and space cooperation.

Astrid received a Ph.D. in Natural Science from the Christian – Albrechts University in Kiel/Germany. In her free time, she enjoys making chocolates. She can be contacted at

Astrid-Christina.Koch@ec.europa.eu



Astrid – Christina Koch
Senior Expert
European Commission – DG DEFIS

BIO Facilitator

Helena Chapman supports the GEO Earth Observations for Health Initiative and GEO Health Community of Practice. This global network of scientists, researchers, and practitioners use Earth observation data to improve health decision-making.

She serves as Associate Program Manager for Health and Air Quality Applications in the Applied Sciences Program of the NASA Earth Science Division at Headquarters in Washington, DC. The program encourages innovative applications of NASA Earth observation data to enhance health decision-making in air quality management, prevention and control of infectious diseases, and other environmental health topics. In her position, she promotes the One Health concept and emphasizes the value of transdisciplinary health collaborations to investigate and mitigate health risks of humans, animals, and ecosystems.

Helena received her PhD in Public Health (One Health) and MPH in Epidemiology from the University of Florida and MD from the Iberoamerican University in the Dominican Republic. She can be contacted at helena.chapman@nasa.gov.



Helena Chapman
Associate Program Manager
Health and Air Quality Applications
NASA Applied Sciences Program

Thank You!



John Haynes, NASA

Juli Trtanj, NOAA

Astrid-Christina Koch, European Commission

Helena Chapman, NASA