



GEO VIRTUAL SYMPOSIUM 2021

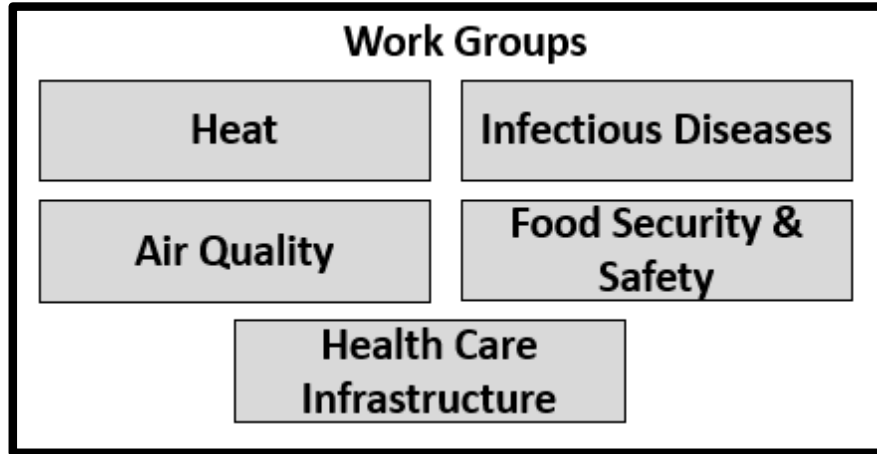
Building Sustainable Partnerships for Health Decision-Making and One Health Collaborations

June 21, 2021

John Haynes
Juli Trtanj
Helena Chapman

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



**Bi-Weekly Teleconferences
AGU Fall Meeting (USA)
GEO Symposium
AmeriGEO Week**

CoP COVID-19 Teleconferences

Teleconferences on COVID-19 Activities

The Group on Earth Observations (GEO) Health Community of Practice is pleased to host a series of teleconferences on **Earth Observations and COVID-19: A Virtual Round the Room Update** in March, April, and May 2020. These teleconferences will provide an opportunity to share research applications and related activities that use Earth observations to advance knowledge on COVID-19 transmission.

Community members are encouraged to share their relevant COVID-19 activities as part of the **GEO Community Response to COVID-19**. Please send a brief description of the activity to the **GEO Secretariat**.

Friday, March 27, 2020 (10:00 AM - 12:00 PM EDT) (GMT-4)

GEO HEALTH COP TELECON -
27 MARCH 2020

Seasonality

Air Quality

Health Infrastructure 1
(Italy)

Friday, April 3, 2020 (11:00 AM - 1:00 PM EDT) (GMT-4)

GEO HEALTH COP TELECON -
3 APRIL 2020

Water Resources

Hydroclimatic Factors

Health Infrastructure 2
(Italy)

Copernicus I

Copernicus II

COVID Funding &
Competition Challenges

**Next Teleconference:
Tuesday, June 29th
8:30-10:00AM EDT (GMT-4)**

GEO HEALTH COP TELECON -
17 APRIL 2020

GIS for COVID-19 Response

Socioeconomic Data and
Applications Center (SEDAC)

Aerosols (India)

Funding Opportunities & Challenge Competitions related to COVID-19 Activities

The Group on Earth Observations (GEO) Health Community of Practice has compiled a list of relevant COVID-19 funding opportunities and challenge competitions. Community members are encouraged to share potential opportunities by sending a brief description to the GEO Health Community of Practice.

Funding Opportunities

Ongoing

NIHS Support for Understanding the Impact of Environmental Exposures on Coronavirus Disease 2019 (COVID-19) (May 1, 2020 - May 4, 2021)

NASA's Rapid Response and Novel Research in Earth Science (February 14, 2020 - March 29, 2021)

COVID-19 High Performance Computing Consortium Request

Challenge Competitions

COVID-19 Open Research Dataset Challenge (CORD-19)

MIT COVID19 Challenge (April 3-5, 2020)

COVID-19 Response and Recovery Innovation Hub: A Global Initiative for Sharing and Seeking Solutions

USG Health and Human Services: Broad Agency Announcement funding opportunities

COVID-19 Telecons: <http://www.geohealthcop.org/covid19-telecons>

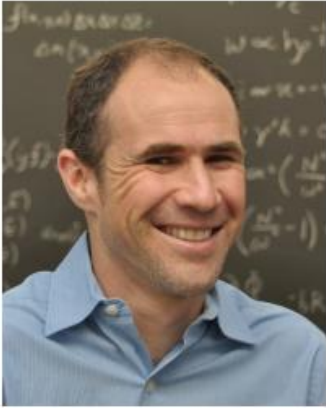
CoP Work Groups

- Heat-related Health Risks
- Environmentally-sensitive Infectious Diseases
- Air Quality, Wildfires, and Respiratory Health
- Food Security and Safety
- Health Care Infrastructure



Credits: NASA Earth Observatory

Panelists



**Benjamin
Zaitchik**

COVID-19 and Influence
of Seasonality



**Andreas
Skouloudis**

Impact of the COVID-19
Pandemic on Health Care
Infrastructure



**Gina
Tsarouchi**

Dengue MModel forecasting
Satellite-based System
(D-MOSS)

Thank You!

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Helena Chapman, helena.chapman@nasa.gov

<http://www.geohealthcop.org/>

Collaborate and communicate with GEO:

