Fundamentals of Satellite Remote Sensing for Health Monitoring
Thursdays, June 2-30, 2016
10:00-11:30 a.m. and 3:00-4:30 p.m. EDT (UTC-4)

This introductory webinar course will provide an overview of environmental parameters available from NASA Earth Science useful for monitoring and predicting health for decision support. There are many different data sets and sources from different satellite missions, sensors and models, and sessions will outline their features, strengths and limitations. It will also cover easily accessible NASA data, web-based tools, analysis, visualization and examples of data usage.

Session One: Fundamentals of Remote Sensing for Health Applications
June 2
Presenters: Pawan Gupta, USRA; Maury Estes, The University of Alabama, Huntsville

Session Two: How NASA is Using Remotely Sensed Data to Study Health Issues
June 9
Presenter: John Haynes, NASA HQ

Session Three: Using Remote Sensing Data for Public Health: CDC-NASA Collaboration
June 16
Presenters: Ambrish Vaidyanathan and Arie Manangan, CDC

Session Four: Using Satellite Data for the Prediction and Detection of Harmful Algal Bloom Outbreaks
June 23
Presenter: Richard Stumpf, NOAA National Centers for Coastal Ocean Science

Session Five: Mapping and Forecasting Mosquito-Borne Disease Risk
June 30
Presenter: Michael C. Wimberly, South Dakota State University