Room: Jefferson/Roosevelt
8:30 a.m. – 9:00 a.m. Continental Breakfast/Coffee

9:00 a.m. – 9:30 a.m. Session 1: Welcome and Overview
Speaker: John Haynes, Program Manager, Health and Air Quality Applications, NASA Applied Sciences Program, NASA Headquarters

9:30 a.m. – 10:00 a.m. State Perspective: Partner Address: Centers for Disease Control and Prevention
Speaker: Heather Strosnider, Environmental Health Tracking Branch

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10:00 a.m. – 10:30 a.m. Invited: Communications – Aries Keck, U.Group

10:30 a.m. – 10:45 a.m. BREAK

10:45 a.m. – 11:00 a.m. Invited: Shobhana Gupta, NASA Community Applications Manager

11:00 a.m. – 11:15 a.m. A. An Early Warning System for Vector-Borne Diseases in the Amazon
Speaker: William Pan, Duke University

11:15 a.m. – 11:30 a.m. B. An Early Warning System for Human West Nile Virus
Speaker: Michael Wimberly, University of Oklahoma

11:30 a.m. – 11:45 a.m. C. Improved Forecasts of Respiratory Illness Hazard from Gulf of Mexico Red Tide
Speaker: Richard Stumpf, NOAA
11:45 a.m. – 12:45 p.m.  LUNCH – on your own

Session 4: Health Applications and Air Quality Applications (con’t)
Moderator: John Haynes

12:45 p.m. – 1:00 p.m.  D. Using CrIS Ammonia Observations to Improve Decision Making on PM2.5 Control Policies
Speaker: Matthew Alvarado, Atmospheric & Environmental Research

1:00 p.m. – 1:15 p.m.  E. Using Remote Sensing and Earth System Models to Improve Air Quality and Public Health in Megacities
Speaker: Patrick Kinney, Boston University

1:15 p.m. – 1:30 p.m.  F. Improving Malaria Decision Support with Earth Observations
Speaker: John Beck, University of Alabama in Huntsville

1:30 p.m. – 1:45 p.m.  G. Source-Differentiated Air Quality System to Safeguard the Respiratory Health of US Military Personnel Deployed in Southwest Asia, Djibouti, and Afghanistan
Speaker: Meredith Franklin, University of Southern California

1:45 p.m. – 2:00 p.m.  H. From Space to Front Porch: Connecting Earth Observations to Health Outcomes with an Environmental Exposure Modeling System
Speaker: Julia Gohlke, Virginia Polytechnic Institute & State University

2:00 p.m. – 2:15 p.m.  BREAK

2:15 p.m. – 2:30 p.m.  I. Preparing Key State and Local Health and Air Quality Agencies for Upcoming Earth Observations
Speaker: Jun Wang, University of Iowa

2:30 p.m. – 2:45 p.m.  J. Early Warning of Synoptic Air Quality Events to Improve Health and Well Being in the Greater Caribbean Region
Speaker: Pablo Méndez-Lázaro, University of Puerto Rico Medical Sciences Campus

2:45 p.m. – 3:00 p.m.  K. A Satellite Constrained Meteorological Modeling Platform for LADCO States SIP Development
Speaker: Jason Otkin, University of Wisconsin, Madison

3:00 p.m. – 3:15 p.m.  L. Use of Remote Sensing Data to Improve Air Quality Decision Support Systems Used to Protect Public Health
Speaker: Arastoo Pour-Biazar, University of Alabama in Huntsville

3:15 p.m. – 3:30 p.m.  M. Satellite-Aided Regional Dust Forecasting for Valley Fever Surveillance, Highway Accident Prevention, and Air Quality Management in the Southwestern United States
Speaker: Daniel Tong, George Mason University

3:30 p.m. – 3:45 p.m.  N. The African Cholera Risk Early Warning System (ACREWS)
Speaker: Benjamin Zaitchik, Johns Hopkins University
Session 5: Satellite Projects
Moderator: Laura Judd, Associate Program Manager, NASA Health and Air Quality Applications, NASA LaRC

3:45 p.m. – 4:00 p.m.  A. Evaluate and Enhance Suomi NPP Products for Air Quality and Public Health Applications
Speaker: Jun Wang, University of Iowa

4:00 p.m.  Adjourn

4:30 p.m. - 6:00 p.m.  Reception
Room: Washington

6:00 p.m.  Mt. Rushmore Trip (Individually paid), meet by Hotel Front Entrance

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Wednesday, September 11, 2019
Day 2

Room: Jefferson/Roosevelt

8:30 a.m. – 9:00 a.m.  Continental Breakfast/Coffee

9:00 a.m. – 9:30 a.m.  Partner Address: Centers for Disease Control and Prevention
Speaker: Ambarish Vaidyanathan, Climate and Health Program/ Asthma and Community Health Branch

9:30 a.m. - 10:00 a.m.  Health and Air Quality Applied Sciences Team (HAQAST) Report
Speaker: Page Bazan, University of Wisconsin, Madison
HAQAST Communications Coordinator

Section 6: GEO EO4HEALTH Projects
Moderator: Sue Estes

10:00 a.m. – 10:15 a.m.  A. A Geospatial Surveillance and Response System Resource for Vector borne Disease in the Americas
Speaker: John Malone, Louisiana State University

10:15 a.m. – 10:30 a.m.  B. Environmental Determinants of Enteric Infectious Disease
Speaker: Ben Zaitchik, Johns Hopkins University

10:30 a.m. – 10:45 a.m.  BREAK

10:45 a.m. – 11:00 a.m.  C. Predictive Assessment of Transmission Conditions of Cholera in the Environment and Human Population using Earth Observations
Speaker: Antarpreet Jutla, University of Florida

11:00 a.m. – 11:15 a.m.  D. Multi-Sensor Data for Myanmar Malaria Early Warning System
Speaker: Tatiana Loboda, University of Maryland
Session 7: NASA Training and Capacity Building Opportunities
Moderator: John Haynes

11:15 a.m. – 11:30 a.m.  NASA's Training and Capacity Building Opportunities: ARSET and SERVIR
Speaker: Pawan Gupta, Universities Space Research Association

11:30 a.m. – 11:45 a.m.  NASA DEVELOP Program
Speaker: Zach Bengtsson

Session 8: West Nile Story, A Survivors Story
Moderator: Sue Estes

11:45 a.m. – 12:15 p.m.  A. West Nile Story, A Survivors Story
Speaker: Stacie Hull, General Manager, The Mt. Rushmore Inn

12:15 p.m. – 1:15 p.m.  Town Hall
Discussion of Future Goals, Partnerships, and Opportunities
Speaker: John Haynes

1:15 p.m.  Adjourn