

Session 4
Air Quality and Physical Sciences

Chair: Jose Hernandez and Cholena Ren, BOEM

Tuesday Afternoon, September 13

- 1:00 – 1:05 pm CT Welcome and Introduction
Jose Hernandez and Cholena Ren
BOEM
- 1:05 – 1:30 pm CT Overwater Platform Integration & Shoreline Fumigation Scoping Study
Speaker: Michelle Snyder
Wood Environment & Infrastructure Solutions, Inc.
- 1:30 – 1:55 pm CT Outer Continental Shelf Air Quality System (OCS AQS) Program
Overview and 2021 Emissions Inventory
Speakers: Jesse L. Thé and Michael Johnson
Lakes Environmental Software
- 1:55 – 2:20 pm CT Outer Continental Shelf Air Quality System (OCS AQS) Integrated Air
Dispersion Modeling Capabilities
Speakers: Jesse L. Thé and Michael Johnson
Lakes Environmental Software
- 2:20 – 2:35 pm CT BREAK
- 2:35 – 3:00 pm CT A Pilot Study for Coastal Ambient Air Quality Monitoring in the Gulf of
Mexico Region: Progress Update
Speakers: Mark Phelps and Anthony Pacheco
Ambilabs LLC
- 3:00 – 3:25 pm CT Development of A High-Resolution Simulation of the Gulf of Mexico
Suitable for Climate Change Studies
Speakers: John Fasullo¹ and Sergio deRada²
National Center for Atmospheric Research¹ and U.S. Naval Research
Laboratory²
- 3:25 – 3:50 pm CT Upgrading Air Quality Regulatory Models Using Wind Tunnel
Experiments
Speaker: Ron Petersen
Petersen Research and Consulting, LLC
- 3:50 – 4:15 pm CT Gulf of Mexico Air Quality Near Oil and Gas Operations: Past Results and
Preparations for New Geostationary Satellite Measurements
Speaker: Ryan Stauffer
NASA/GSFC

4:15 – 4:30 pm CT Final Questions and Wrap-up
Jose Hernandez and Cholena Ren
BOEM