

2019 NASA Ocean Color Research Team Meeting

8 April 2019 – Busan, South Korea

NASA Headquarters Update

9:00 – 9:30 Welcome/Program Update for NASA Ocean Biology & Biogeochemistry/Decadal Survey/Advanced Planning/Community Q&A – P. Bontempi/NASA Headquarters

NASA Ocean Biology Processing Group Updates

9:30 - 9:50 NASA Ocean Biology Processing Group/Satellite Ocean Color Update – B. Franz/NASA GSFC (pre-recorded)

9:50-10:10 SeaWiFS Bio-Optical Archive and Storage System (SeaBASS) Updates/Field Support Group Activities, HPLC/Pigment Updates, and Protocol Efforts - J. Scott/NASA GSFC

10:10-10:30 BREAK

Ocean Color Satellite Mission Updates

10:30-10:50 The Plankton, Aerosol, Cloud, ocean Ecosystem (PACE) Mission – J. Werdell/NASA GSFC

10:50-11:10 Plankton, Aerosol, Cloud, ocean Ecosystem (PACE) Science Team – E. Boss/Univ. of Maine (pre-recorded)

Field Project Updates

11:10-11:30 Earth Venture Suborbital-2: North Atlantic Aerosols and Marine Ecosystems Study (NAAMES) – J. Graff/Oregon State University

11:30-11:50 Earth Venture Suborbital-2: COral Reef Airborne Laboratory - E. Hochberg/Bermuda Institute for Ocean Sciences

11:50-1:15 LUNCH

1:15-1:35 EXport Processes in the Ocean from Remote Sensing - J. Graff/Oregon State University

1:35-1:55 Arctic-COastal Land Ocean inteRactions (ARCTIC-COLORS) – M. Tzortziou/City College of New York

1:55-2:15 KOREa-United States -Ocean Color (KORUS-OC) Field Campaign Update - J. Salisbury/University of New Hampshire

Project Updates

2:15-2:35 Quality of satellite remote sensing reflectance spectrum and the diffused attenuation coefficient - Jianwei Wei/University of Massachusetts - Boston

2:35-3:00 BREAK

3:00-3:20 Updates on ocean color algorithms: from Chl a to POC and PIC – C. Hu/ Univ. of S. Florida

3:20-3:40 Meeting an old friend after 3 decades: The 2018 New England mesoscale coccolithophore bloom, but viewed with new glasses! – B. Balch/Bigelow Laboratory for Ocean Sciences

3:40-4:00 Optical and Pigment Phytoplankton hyperspectral library - A. Mannino/NASA Goddard Space Flight Center

4:00-4:20 Retrieval of size-partitioned phytoplankton carbon via the particle size distribution using coated spheres modeling - T. Kostadinov/California State University - San Marcos

4:20-4:40 Estimating the fraction of photosynthetically available radiation absorbed by live algae from space – R. Frouin/Univ. of California- San Diego -Scripps Institution of Oceanography

4:40-5:00 Wrap-Up – P. Bontempi/NASA Headquarters

5:00 ADJOURN