

2024 KUDOS (Korea-US iDian Ocean Study) Workshop

8 March 2024

Kawasan Sains Kurnaen Sumadiaharga, Badan Riset dan Inovasi Nasional (BRIN)

Lombok, Indonesia

Chair: Prof. Raleigh Hood (Univ. of Maryland)

Dr. Dong-Jin Kang (KIOST)

13:30-14:00 **Registration**

14:00-14:10 **Opening**

14:10-14:30 **Observations on Physical Properties and their Spatial and Temporal Variability in the Southwest Indian Ocean**

Ms. Somang Song (Seoul National Univ.)

14:30-14:50 **Tidal Mixing Signature from Satellite-Derived Sea Surface Temperature and Field Observations**

Prof. Dwi Susanto (Univ. of Maryland)

14:50-15:10 **Characteristics of water masses and their distribution near 67°E in the western tropical Indian Ocean**

Dr. Suyun Noh (KIOST)

15:10-15:30 **Indian Ocean Dipole affects eastern tropical Atlantic salinity through Congo River Basin hydrology**

Dr. Michael McPhaden (NOAA)

15:30-16:00 **Break**

16:00-16:20 **Nitrate dynamics from high frequency nitrate profiles in the western Indian Ocean**

Dr. TaeKeun Rho (KIOST)

16:20-16:40 **Insights from the IO7 meridional transect**

Prof. Victoria Coles (Univ. of Maryland)

16:40-17:00 **Introduction and Discussion on Korea-US inDian Ocean Study (KUDOS) 2024 R/V ISABU Cruise**

Dr. Dong-Jin Kang (KIOST)