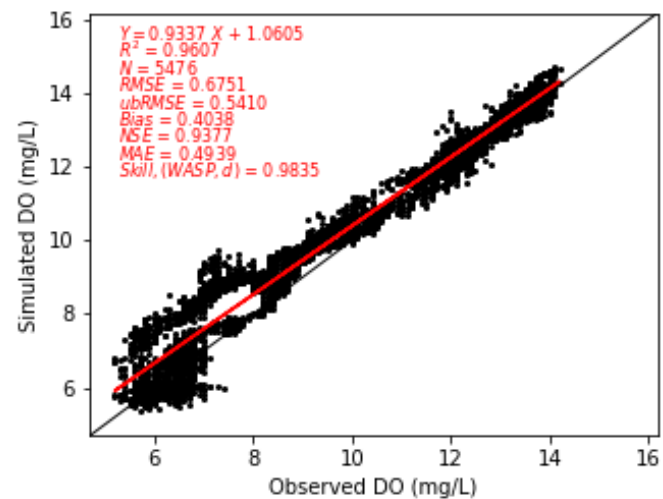
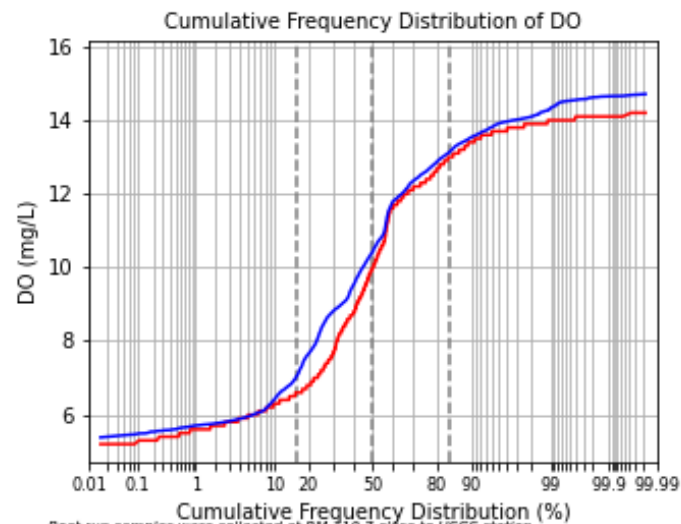
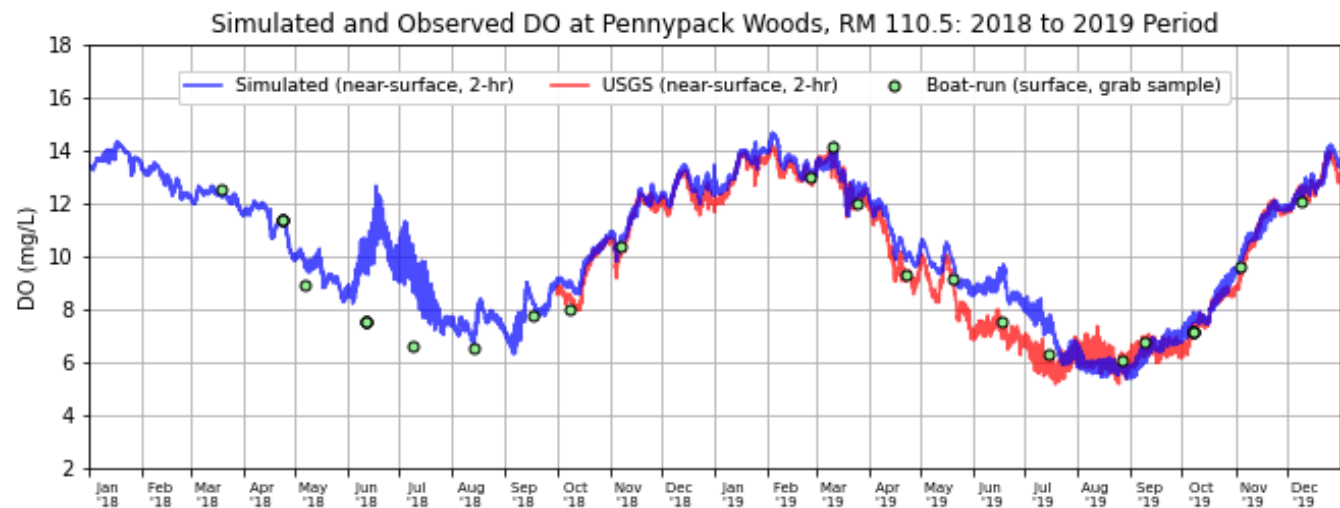


Appendix G: Diagnostic Analysis

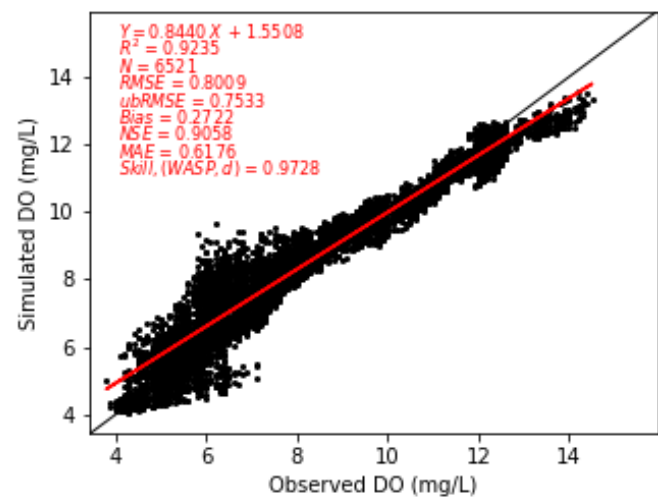
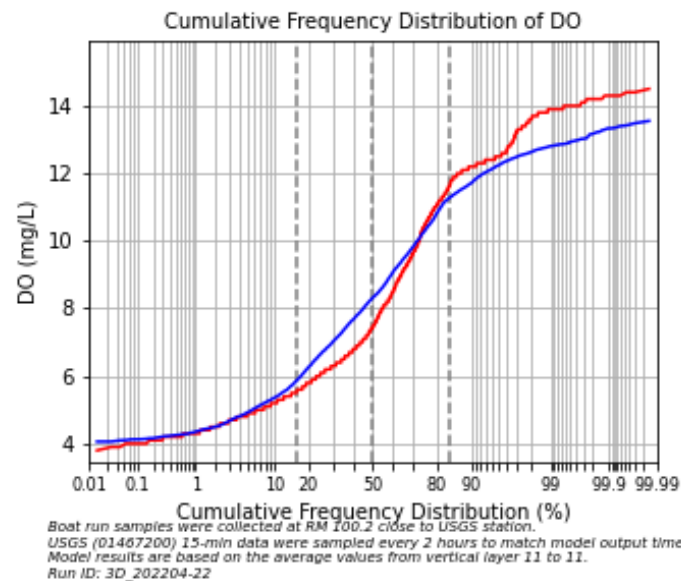
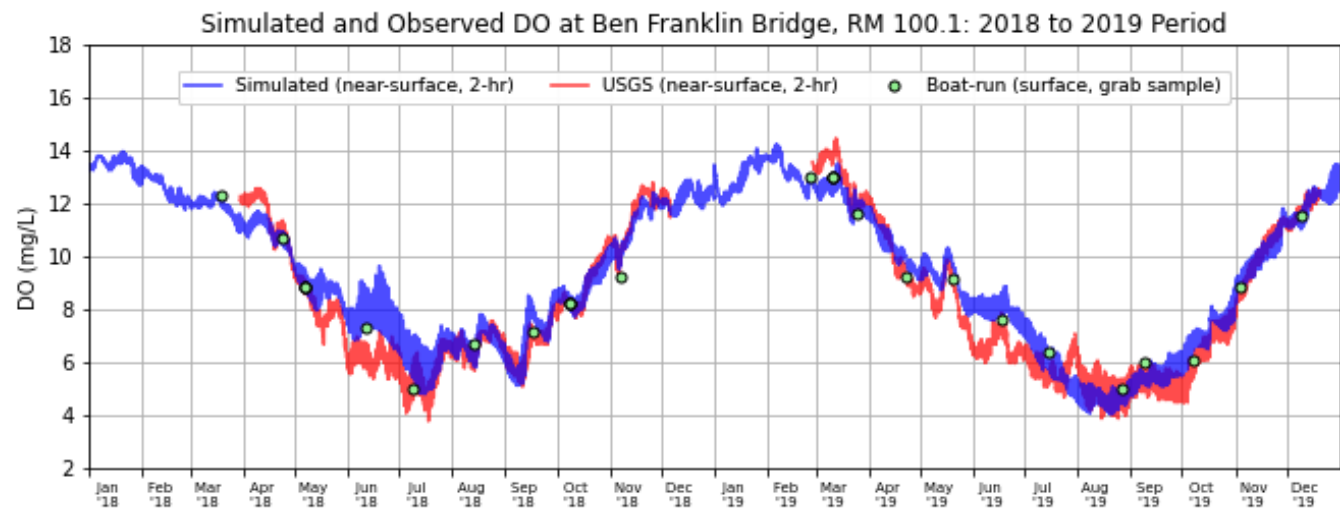
Appendix G-4: Zone-2 light attenuation diagnosis - DO

This appendix is in connection with Section 3.2.5.3 in the main report – Zone-2 Light Attenuation Diagnosis. It presents the model-data comparisons of dissolved oxygen concentrations at the USGS stations and PWD-Buoys, with the seasonal adjustment of K_e , for the 2018–2019 calibration period.

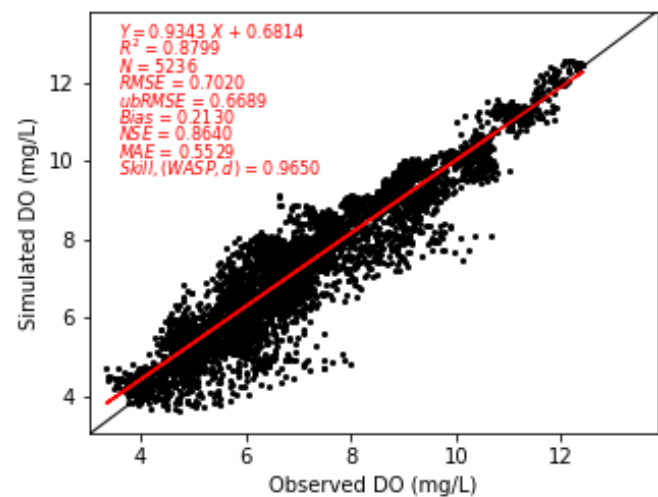
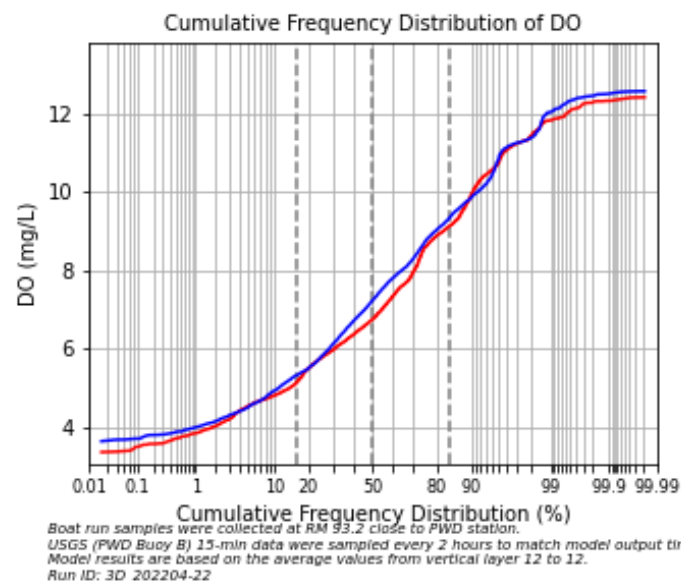
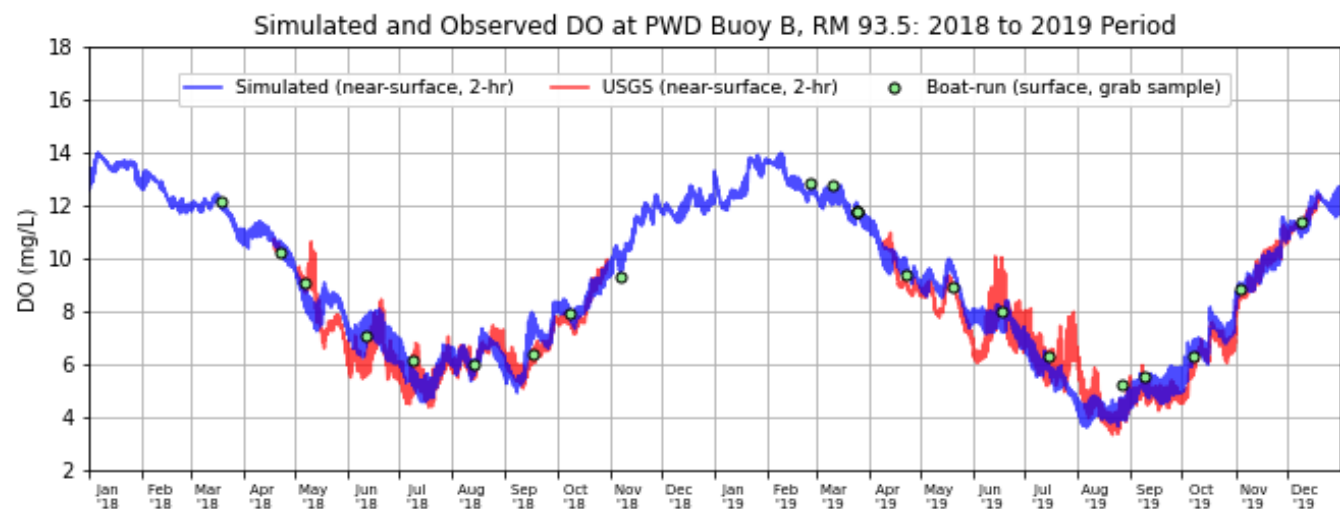


Boat run samples were collected at RM 110.7 close to USGS station.
 USGS (014670261) 15-min data were sampled every 2 hours to match model output time step.
 Model results are based on the average values from vertical layer 11 to 11.
 Run ID: 3D_202204-22

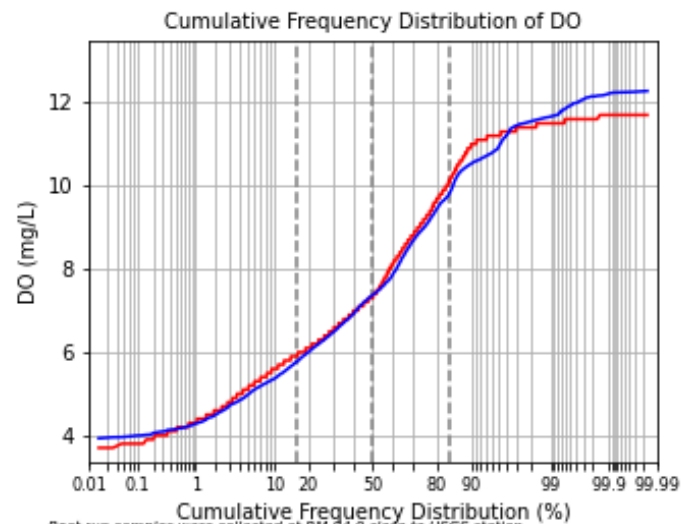
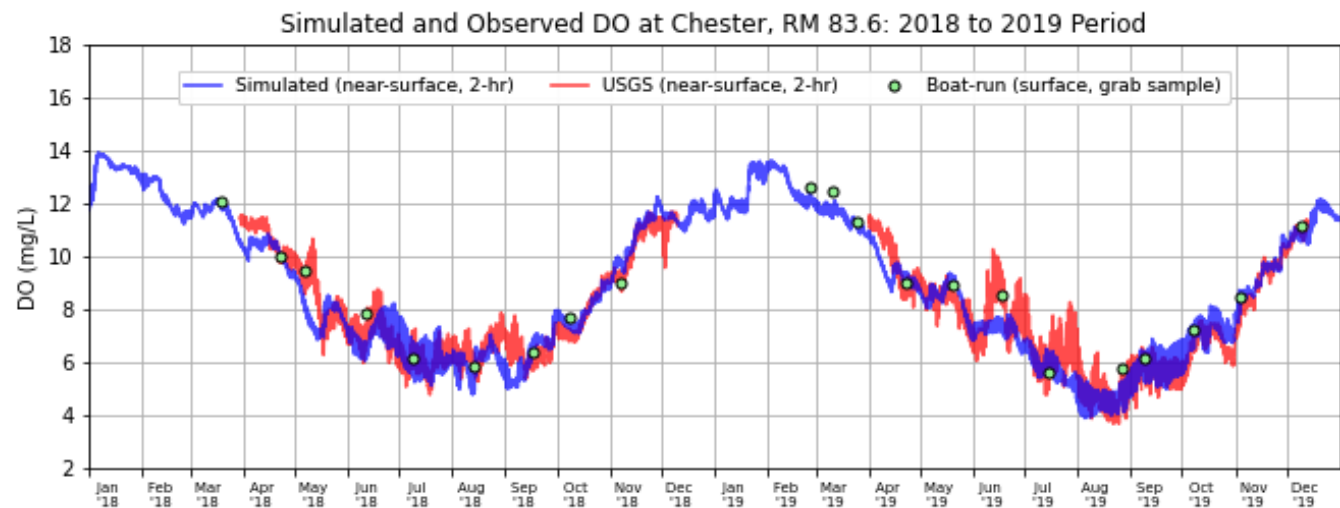
sb 2022-04-22 15:31:53 D:\Analysis\PostProcess\Phyto\3D\Analysis\PostProcess\Phyto\p_WASP_TSR_model_DO_DOSAT_with_USGS_data_4_stations_and_PWD_Buoy_3D.vpy



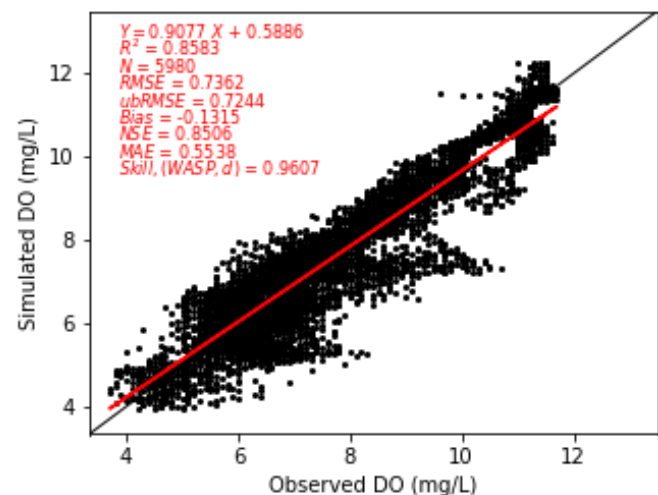
sb 2022-04-22 15:31:53 D:\Analysis\PostProcess\Phyto\3D\Analysis\PostProcess\Phyto\p_WASP_TSR_model_DO_DOSAT_with_USGS_data_4_stations_and_PWD_Buoy_3D.vpy



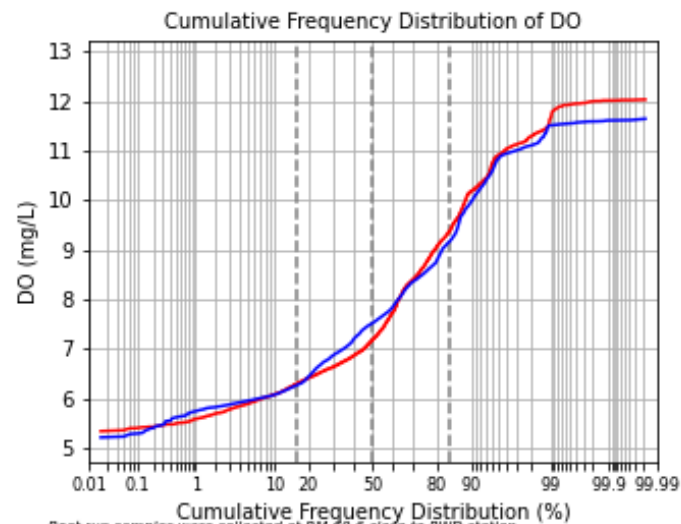
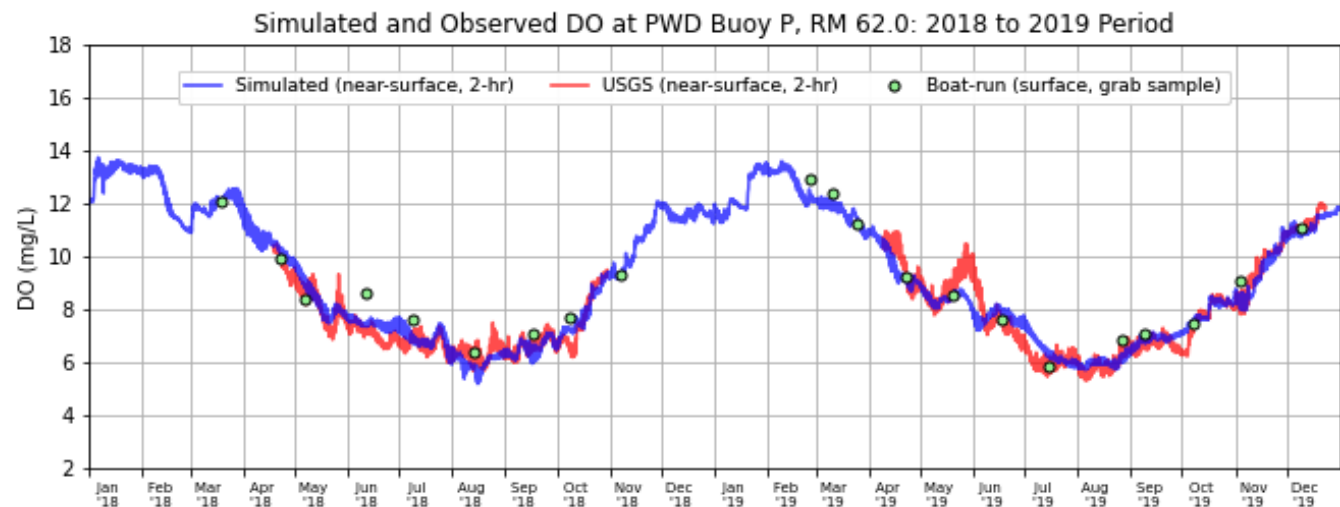
sb 2022-04-22 15:31:53 D:\Analysis\PostProcess\Phyto\3D\Analysis\PostProcess\Phyto\p_WASP_TSR_model_DO_DOSAT_with_USGS_data_4_stations_and_PWD_Buoy_3D.vpy



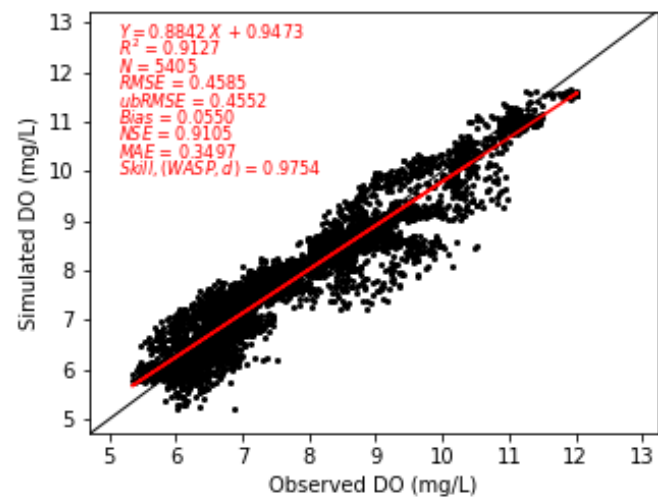
Boat run samples were collected at RM 84.0 close to USGS station.
 USGS (01477050) 15-min data were sampled every 2 hours to match model output time step.
 Model results are based on the average values from vertical layer 11 to 11.
 Run ID: 3D_202204-22



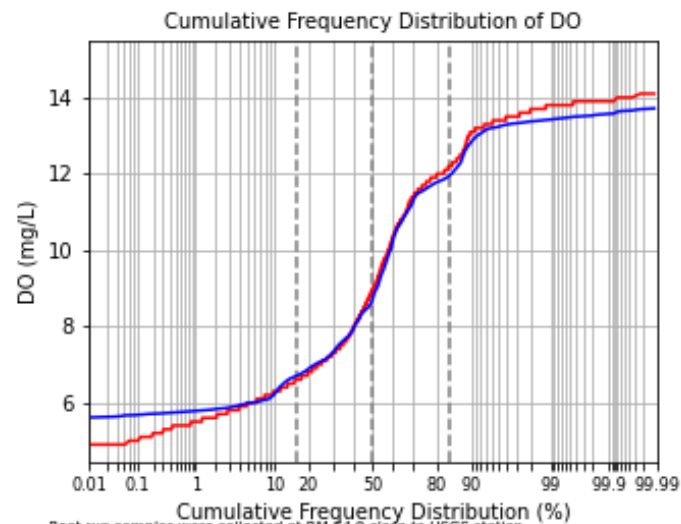
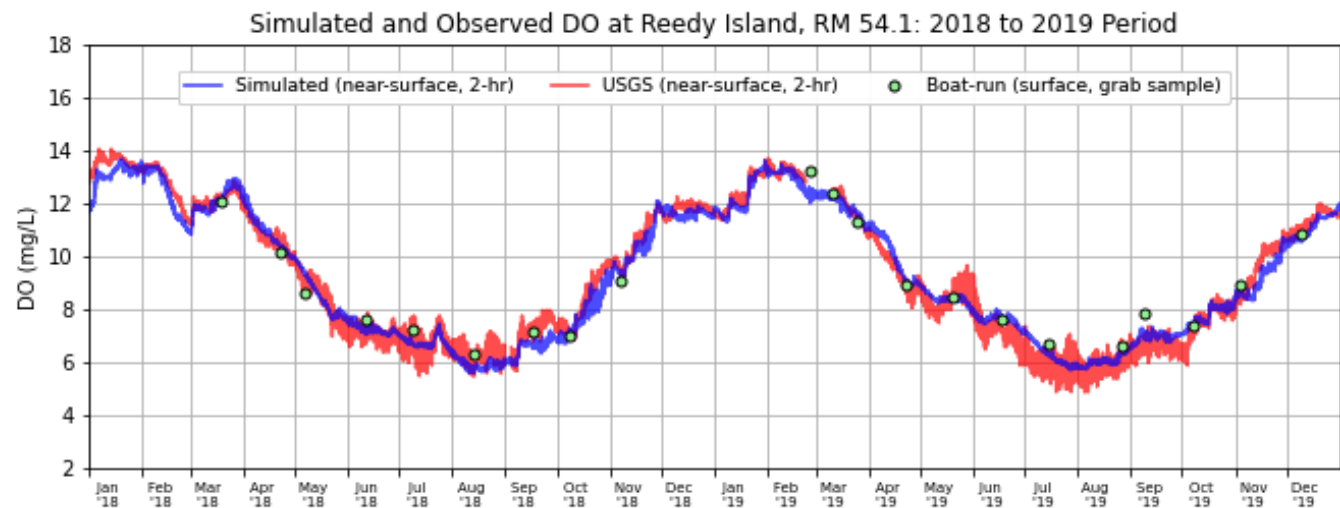
sb 2022-04-22 15:31:53 D:\Analysis\PostProcess\Phyto\3D\Analysis\PostProcess\Phyto\p_WASP_TSR_model_DO_DOSAT_with_USGS_data_4_stations_and_PWD_Buoy_3D.vpy



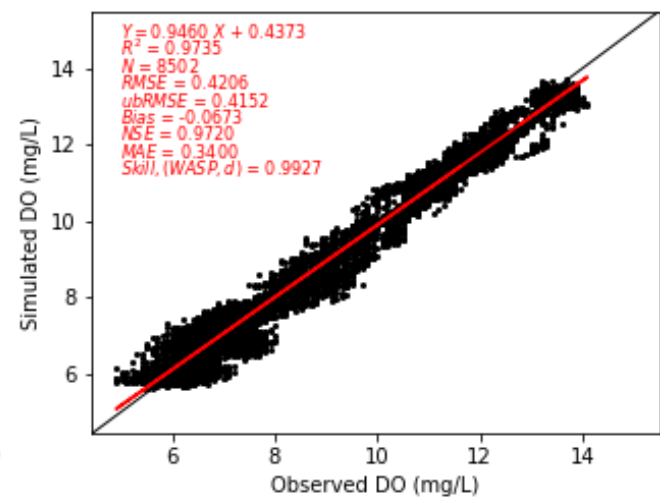
Boat run samples were collected at RM 60.6 close to PWD station.
 USGS (PWD Buoy P) 15-min data were sampled every 2 hours to match model output time step.
 Model results are based on the average values from vertical layer 12 to 12.
 Run ID: 3D_202204-22



sb 2022-04-22 15:31:53 D:\Analysis\PostProcess\Phyto\3D\Analysis\PostProcess\Phyto\p_WASP_TSR_model_DO_DOSAT_with_USGS_data_4_stations_and_PWD_Buoy_3D.vpy



Boat run samples were collected at RM 54.9 close to USGS station.
 USGS (01482800) 15-min data were sampled every 2 hours to match model output time step.
 Model results are based on the average values from vertical layer 11 to 11.
 Run ID: 3D_202204-22



sb 2022-04-22 15:31:53 D:\Analysis\PostProcess\Phyto\3D\Analysis\PostProcess\Phyto\p_WASP_TSR_model_DO_DOSAT_with_USGS_data_4_stations_and_PWD_Buoy_3D.vpy