Model calibration for the satellite retrieval of water clarity
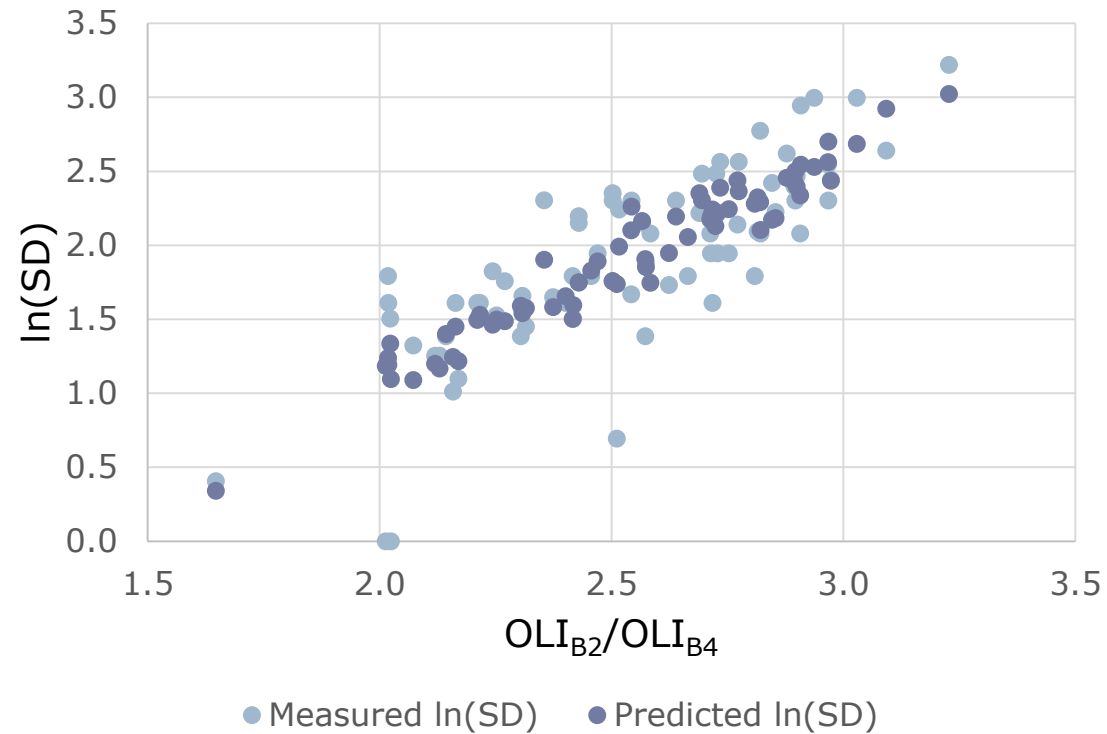

$$\ln(SD) = a + b \times \frac{OLI_{B2}}{OLI_{B4}} + c \times OLI_{B2}$$

Model calibration for the satellite retrieval of water clarity for the Landsat 8 OLI images acquired on 07/26/2016. This model relates the top of atmosphere reflectance in the Landsat 8 OLI bands 2 and 4 (OLI_{B2} and OLI_{B4}) to the natural logarithm of the Secchi depth ($\ln(SD)$).