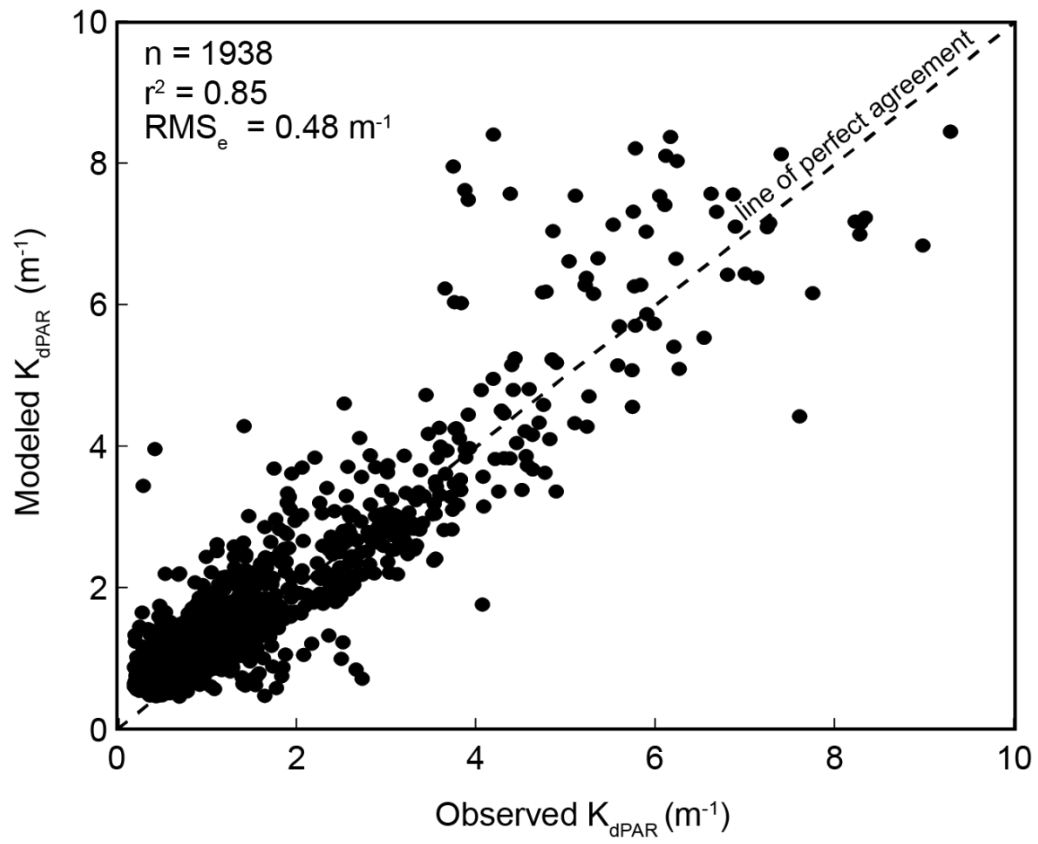
Supplementary Figure 1: Calibration of fluorescence-based chlorophyll-a to laboratory-measured, extraction-based

chlorophyll-a.

Supplementary Figure 2: Light model assessment, using 30 min averaged values.

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