



Supplement of

Sediment source and sink identification using Sentinel-2 and a small network of turbidimeters on the Vjosa River

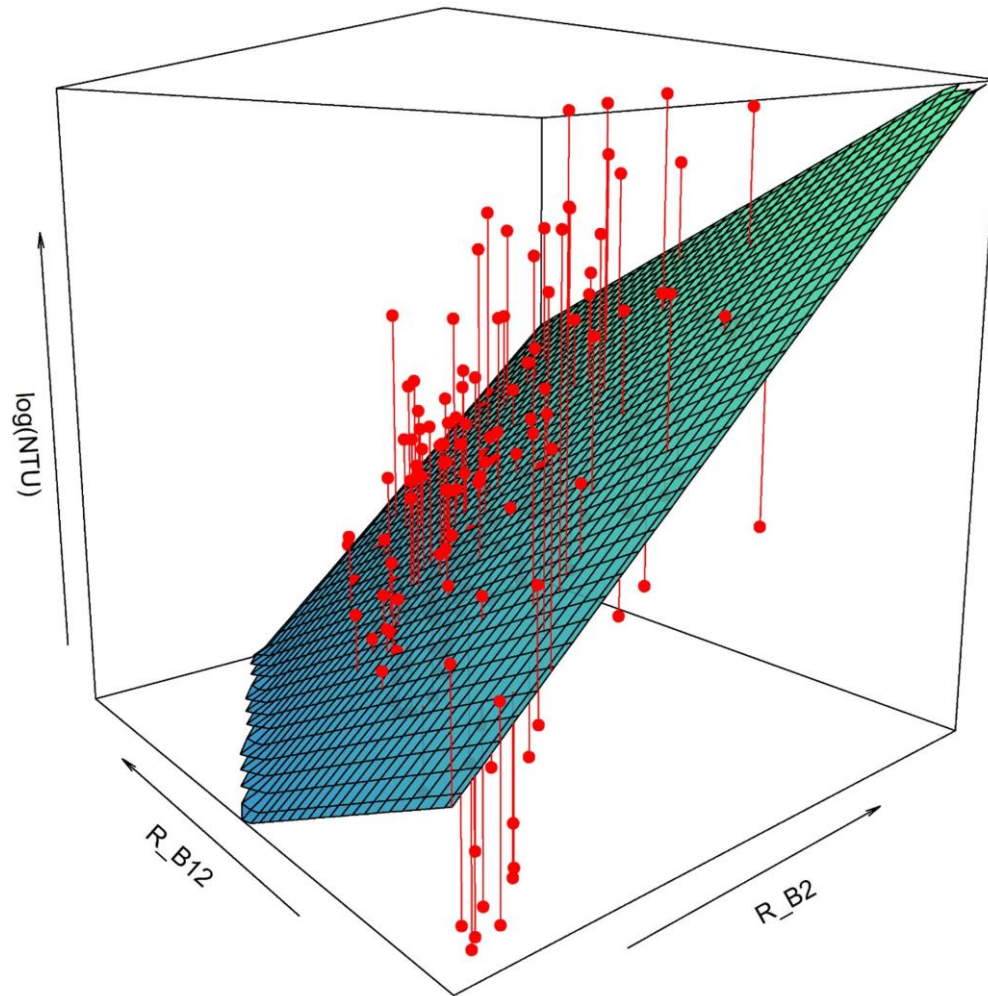
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ROI (station number, name)	R_R1 (coastal aerosol)	R_R2 (Blue)	R_R3 (Green)	R_R4 (Red)	R_R5 (Vegetation red edge)	R_R6 (Vegetation red edge)	R_R7 (Vegetation red edge)	R_R8 (NIR)	R_R8A (Vegetation red edge)	R_R11 (SWIR)	R_R12 (SWIR)
5, Pocem	0.83	0.82	0.82	0.8	0.78	0.69	0.69	0.66	0.62	-0.14	-0.19
24, Dragot	0.05	0.27	0.23	0.3	0.22	0.04	0.01	-0.03	-0.11	-0.38	-0.37
31, Lower Aaos	0.51	0.53	0.49	0.54	0.5	0.41	0.39	0.4	0.37	0.06	-0.01
43, Konitsa	0.28	0.45	0.46	0.49	0.43	0.33	0.32	0.32	0.27	0.21	0.21
All	0.33	0.48	0.46	0.45	0.37	0.20	0.18	0.18	0.11	-0.07	-0.09

Supplementary Table S1 - Correlation values between $\log(\text{Turbidity})$ and the different bands of Sentinel-2 for the four stations (ROIs) and for all of the data points together. The correlation values in orange are those that are > 0.4 .



Supplementary Figure S2 – 3D regression plot of $\log(\text{Turbidity})$ vs. reflectance bands for equation (1)