

Supplementary Materials

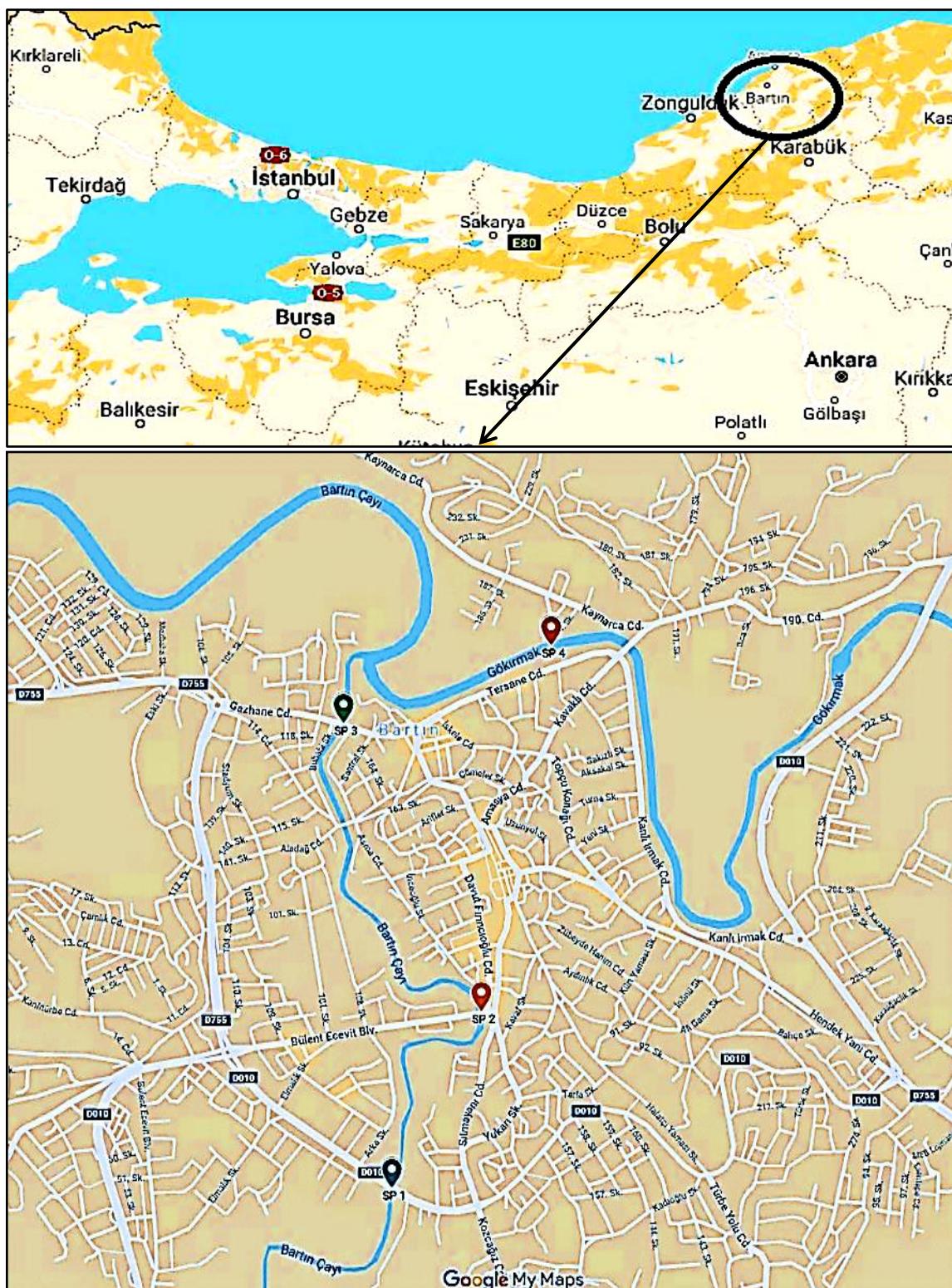


Fig. S1. Location of different sampling sites of Bartın River, Turkey.



Fig. S2. (a) sediment bucket, (b) sediment samples, (c) water samples, (d) soil samples.

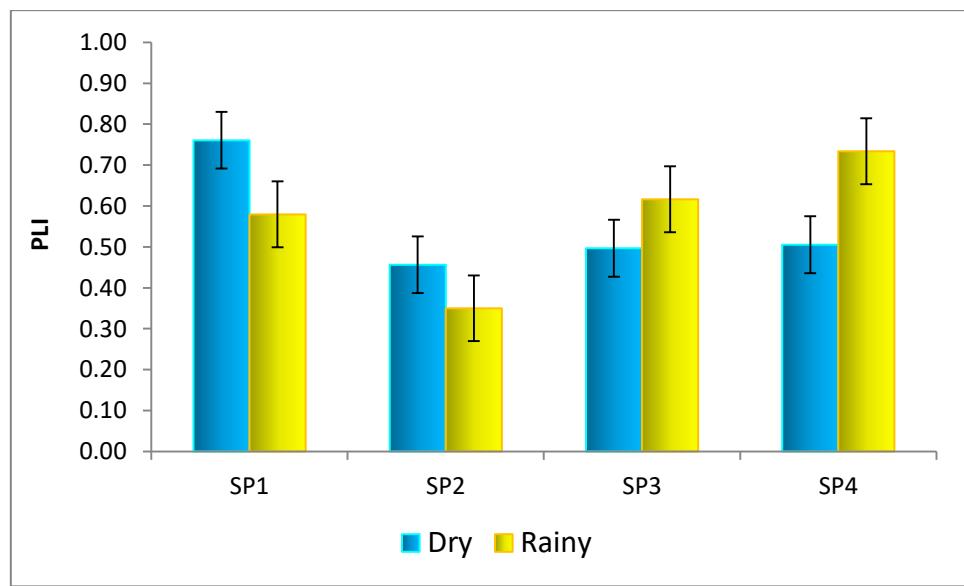


Fig. S3. Variation in PLI values of different sampling sites of Bartın River in rainy and dry season.

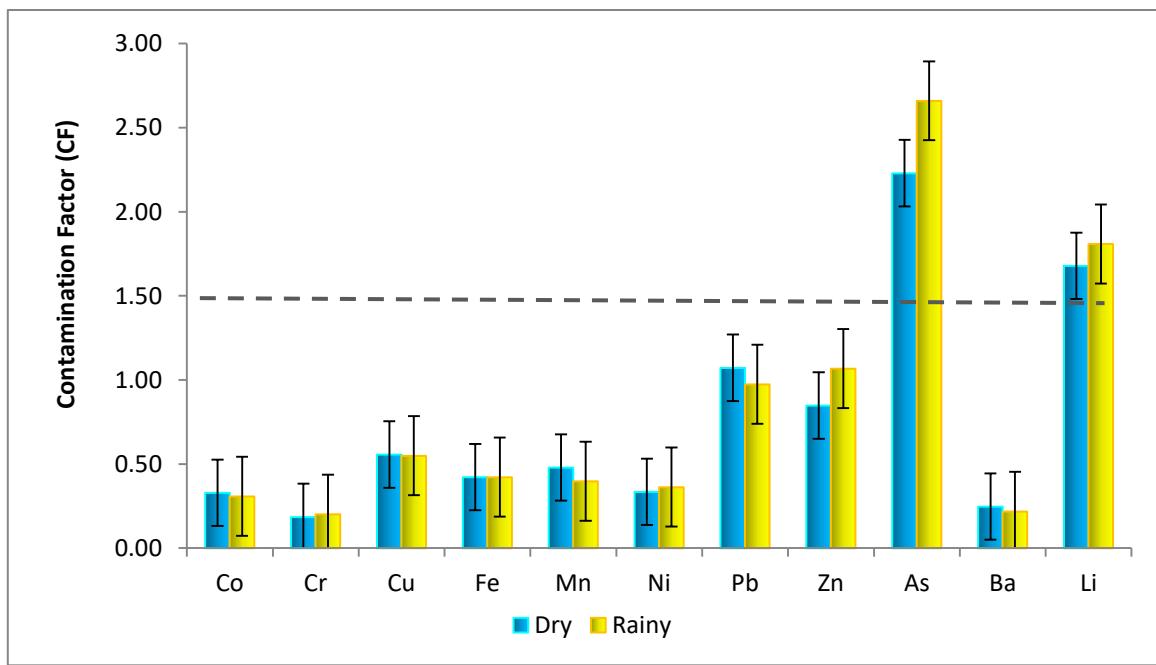


Fig. S4. The change of CF values of metals in Bartin River in rainy and dry season.

Table S1. The Change of Suspended Solid Matter (mg/L) and Turbidity (NTU) Concentrations During Rainy and Dry Seasons

| | Dry Season | | | Rainy Season | | |
|------|------------|-----------|--------------------|--------------|-----------|--------------------|
| | SSM | Turbidity | Filtrate Turbidity | SSM | Turbidity | Filtrate Turbidity |
| SP1 | 24 | 23 | 0.33 | 35 | 40 | 1.06 |
| SP2 | 9 | 8.4 | 0.81 | 39 | 33 | 0.5 |
| SP3 | 12 | 9.6 | 0.29 | 37 | 39 | 0.88 |
| SP4 | 13 | 5.2 | 1.09 | 55 | 85 | 2.32 |
| Mean | 15 | 11.5 | 0.63 | 42 | 49 | 1.2 |

SSM, suspended solid matter; SP, sampling point