



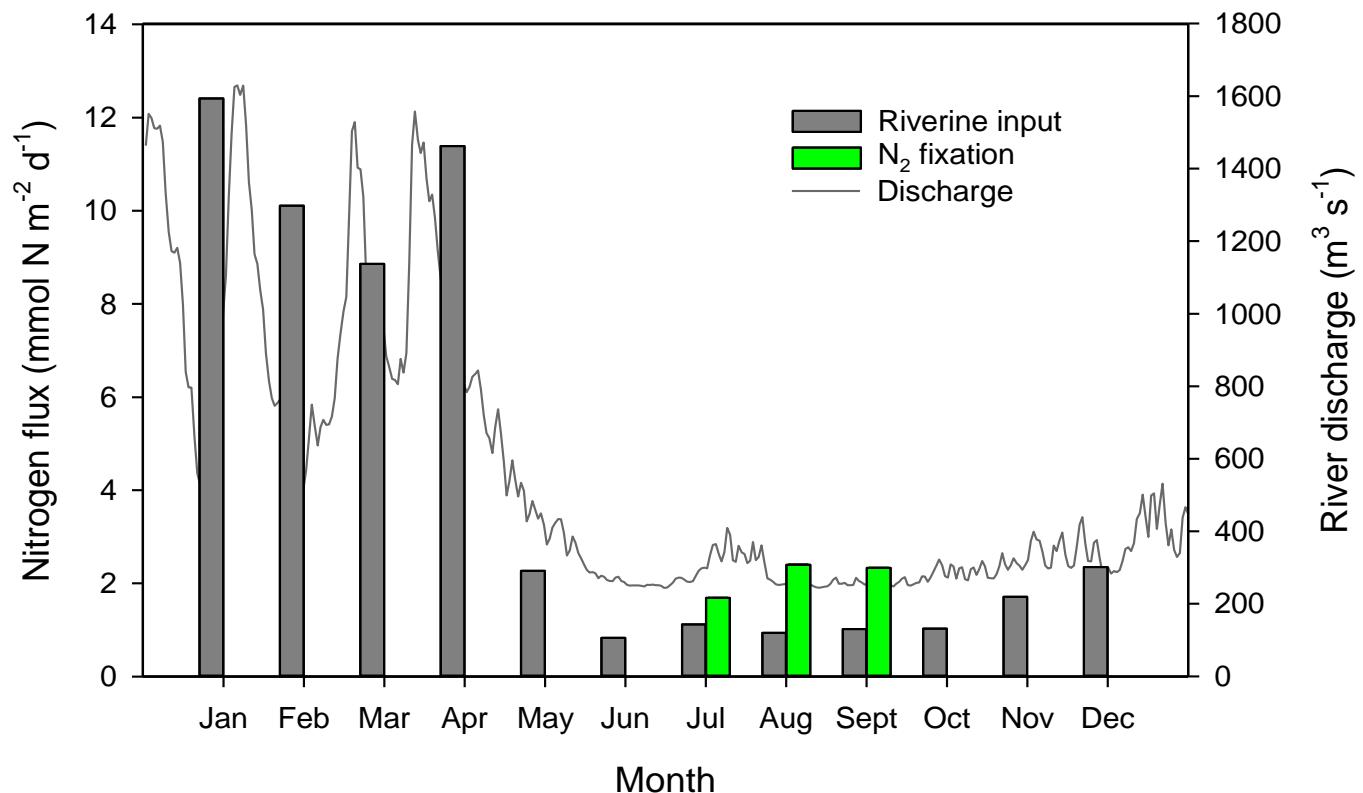
*Supplement of*

## **Spatiotemporal patterns of N<sub>2</sub> fixation in coastal waters derived from rate measurements and remote sensing**

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40 **Figure S1:** Nitrogen fluxes associated with riverine input to the Curonian Lagoon (total nitrogen, grey bars) and  $\text{N}_2$  fixation in water column based on remote sensing of Chlorophyll-a (green bars), and daily Nemunas River discharge (grey line) in 2018.  $\text{N}_2$  fixation rates are mean and standard error (some error bars not visible). The Lithuanian Hydrometeorological Service provides discharge data at the gauging section.