Supplementary Material

# Supplementary Data

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# Supplementary Figures and Tables

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## Supplementary Figures

Diagrama

Descripción generada automáticamenteGráfico, Aplicación, Tabla

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**Supplementary Figure 1.** Water transport time series in the extended Baltic Sea (Kattegat and Skagerrak straits are included) for both (a) continental drainage basins, and (b) ocean basins. Thick lines depict the 12-month moving average. Negative (positive) values of *N* correspond to Baltic Sea outflows (inflow).

**Gráfico, Gráfico de líneas

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Descripción generada automáticamente**

**Supplementary Figure 2.** Climatology (monthly averages) of signals shown in Supplementary Figure 1.

**Gráfico, Gráfico de barras

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Descripción generada automáticamente**

**Supplementary Figure 3.** Pearson correlation coefficients between (a) all seasonal signals shown in Supplementary Figure 1; and (b) all non-seasonal signals shown in Supplementary Figure 5.

Gráfico, Gráfico de líneas

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Descripción generada automáticamente

**Supplementary Figure 4.** Water transport from land to the Baltic Sea (red curve) and net outflow from the Baltic Sea (black curve). Black curve represents *–N*. As *N* is multiplied by *–*1, positive (negative) values of black curve represent above-average (below-average) flows. Correlations between *R* and *N* are negative in both cases.

Diagrama

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**Supplementary Figure 5.** Non-seasonal signal of WT components shown in Supplementary Figure 1.