**Environmental Science and Pollution Research**

**Supplementary Data Material**

**Evaluation of uncertainty propagation predictions in river water quality modeling**

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**Figures Caption**

**Figure S1.** Stream flow plots at Ave River station; a) daily calibration; b) daily validation; c) monthly calibration; d) monthly validation; – observed values; -- simulated values.

**Figure S2.** Stream flow plots at Este River station; a) daily calibration; b) daily validation; c) monthly calibration; d) monthly validation; – observed values; -- simulated values.

**Figure S3.** Calibration plots at Ave River Station; a) temperature; b) fecal coliforms; c) dissolved oxygen; d) biochemical oxygen demand; e) nitrates and f) orthophosphates; – monthly average; -- daily simulation; • observed values.

**Figure S4.** Validation plots at Ave River Station; a) temperature; b) fecal coliforms; c) dissolved oxygen; d) biochemical oxygen demand; e) nitrates and f) orthophosphates; – monthly average; -- daily simulation; • observed values.

**Figure S5.** Calibration plots at Este River Station; a) temperature; b) fecal coliforms; c) dissolved oxygen; d) biochemical oxygen demand; e) nitrates and f) orthophosphates; – monthly average; -- daily simulation; • observed values.

**Figure S6.** Validation plots at Este River Station; a) temperature; b) fecal coliforms; c) dissolved oxygen; d) biochemical oxygen demand; e) nitrates and f) orthophosphates; – monthly average; -- daily simulation; • observed values.

**Figure S1**

|  |  |
| --- | --- |
| **a)** |  |
| **b)** |  |
| **c)** |  |
| **d)** |  |

**Figure S2**

|  |  |
| --- | --- |
| **a)** |  |
| **b)** |  |
| **c)** |  |
| **d)** |  |

**Figure S3**

|  |  |
| --- | --- |
| **a)** | **b)** |
|  |  |
| **c)** | **d)** |
|  |  |
| **e)** | **f)** |
|  |  |

**Figure S4**

|  |  |
| --- | --- |
| **a)** | **b)** |
|  |  |
| **c)** | **d)** |
|  |  |
| **e)** | **f)** |
|  |  |

**Figure S5**

|  |  |
| --- | --- |
| **a)** | **b)** |
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| **c)** | **d)** |
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| **e)** | **f)** |
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**Figure S6**

|  |  |
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| **a)** | **b)** |
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| **c)** | **d)** |
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