

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

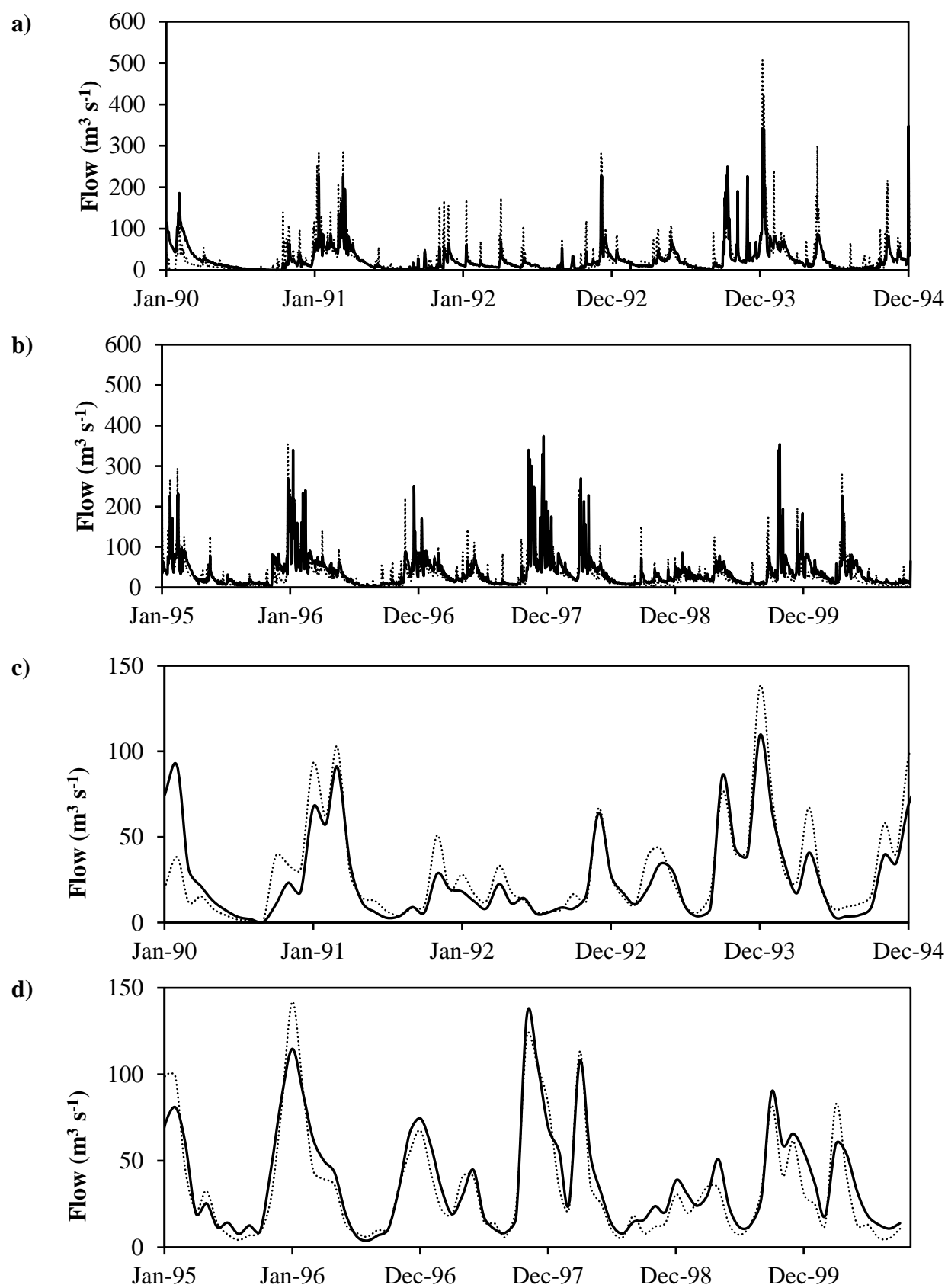


Figure S2

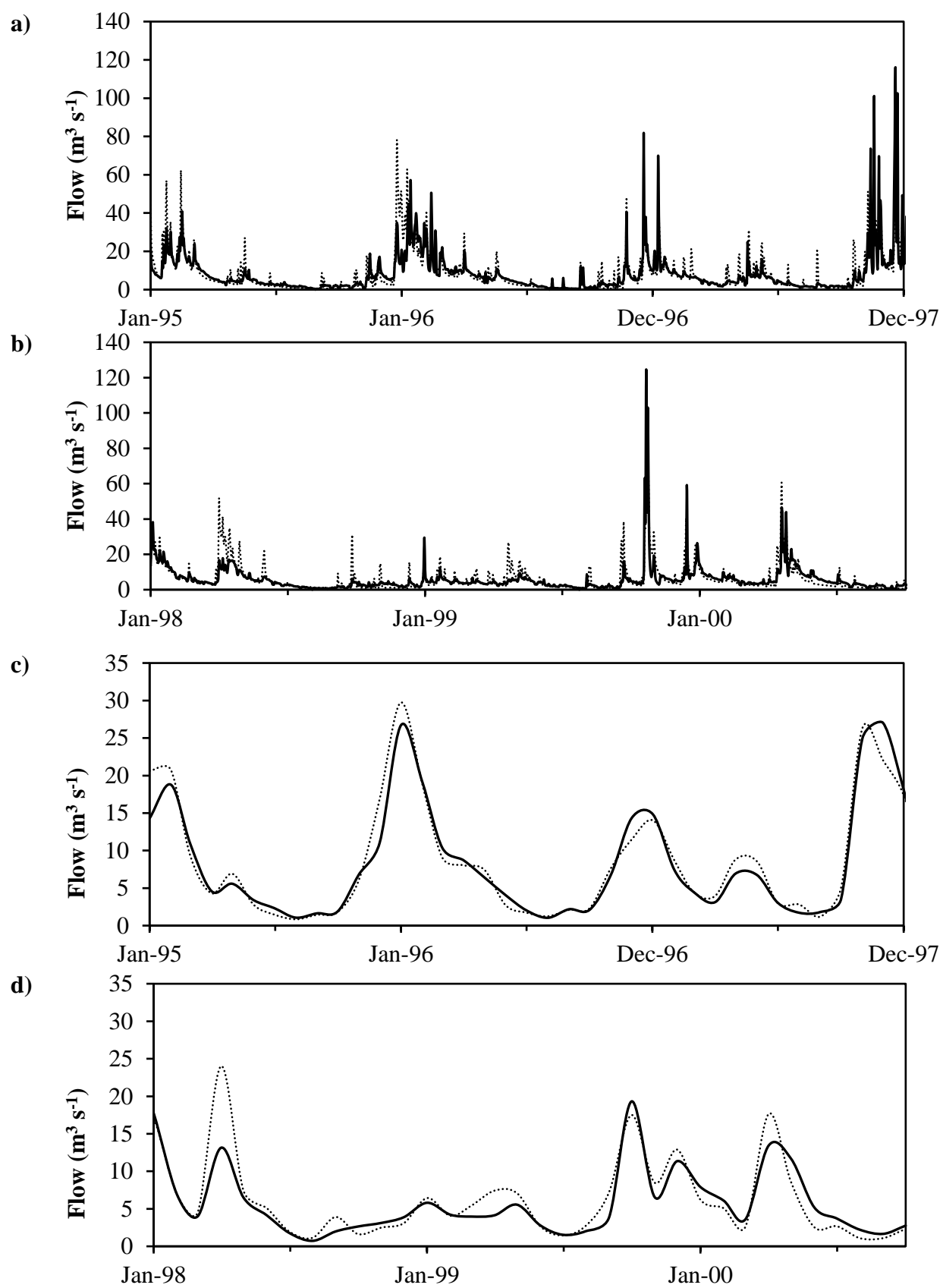
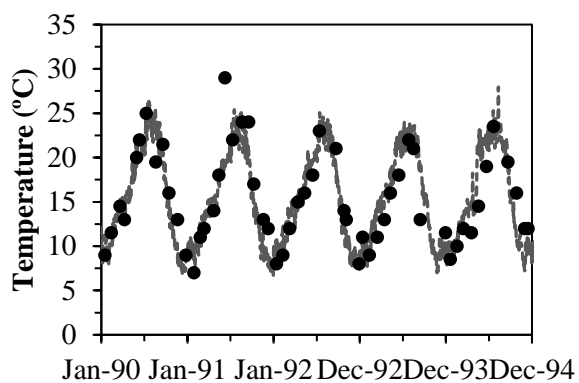
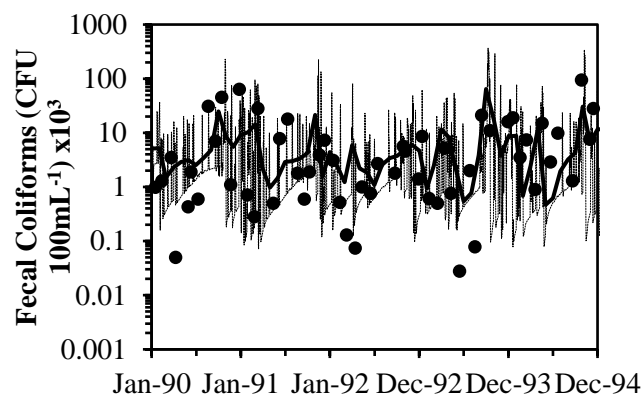


Figure S3

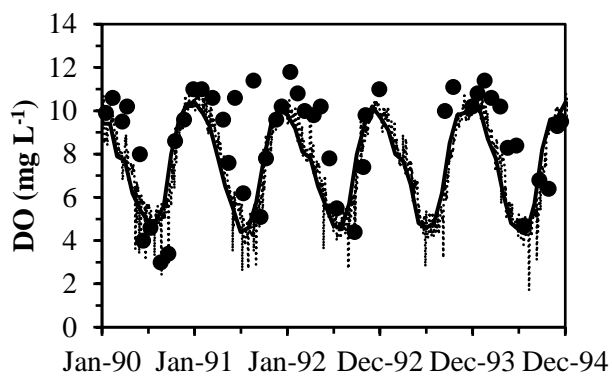
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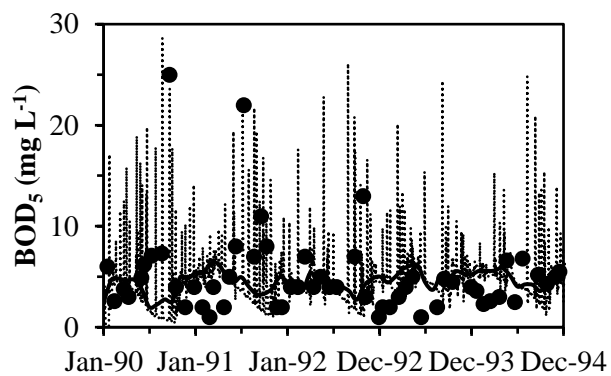
b)



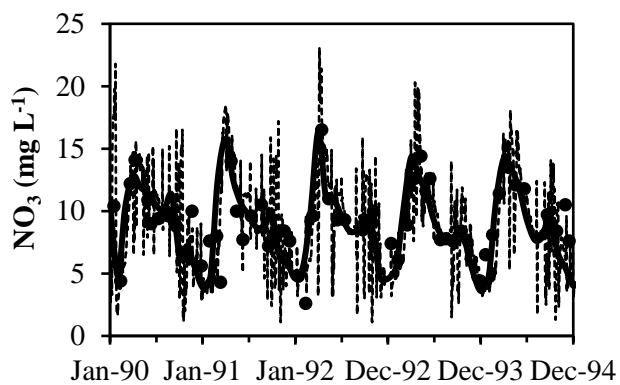
c)



d)



e)



f)

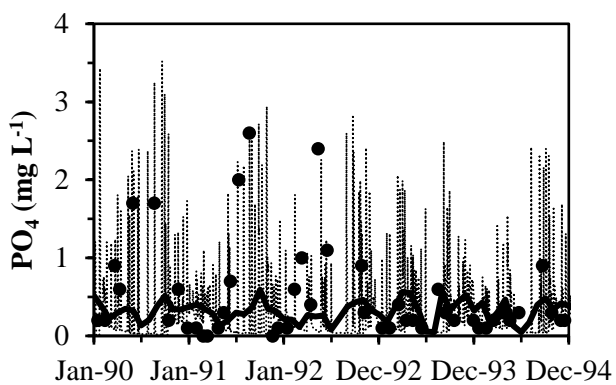
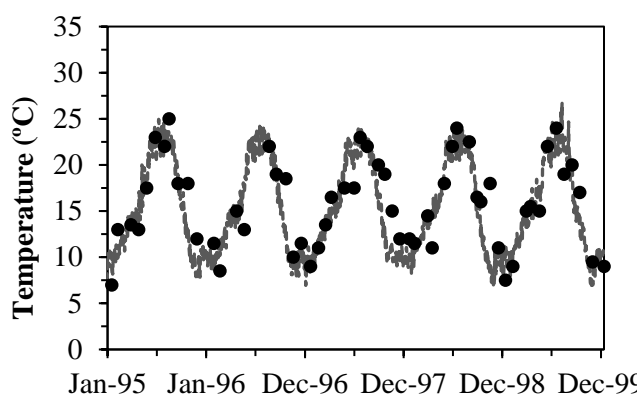
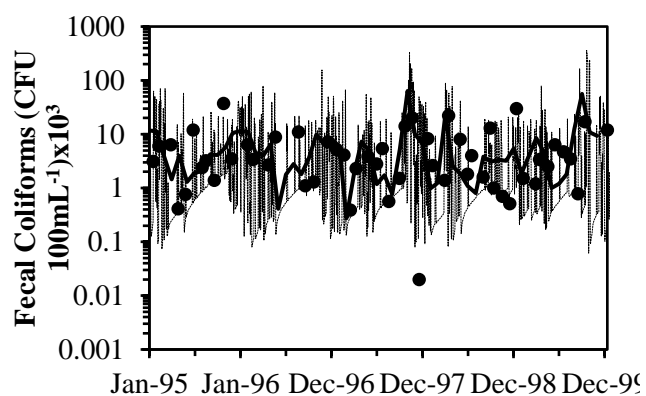


Figure S4

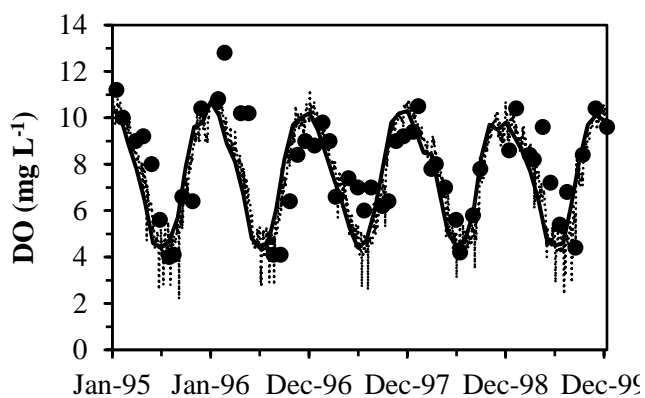
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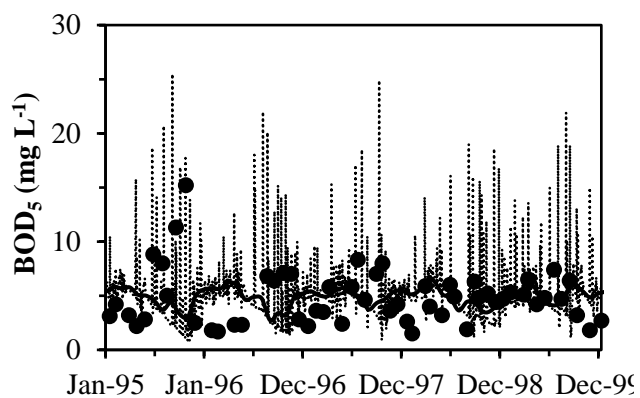
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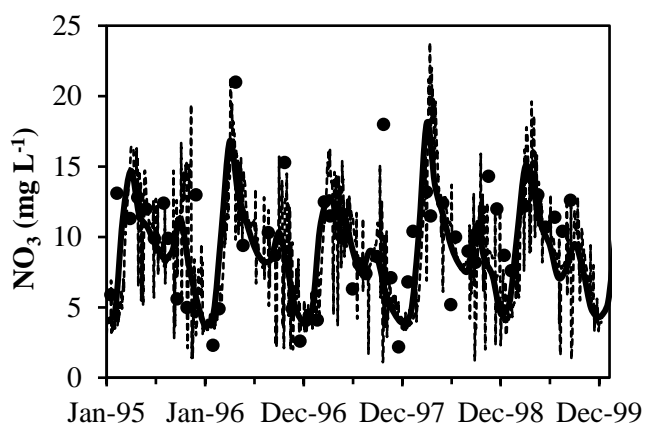
c)



d)



e)



f)

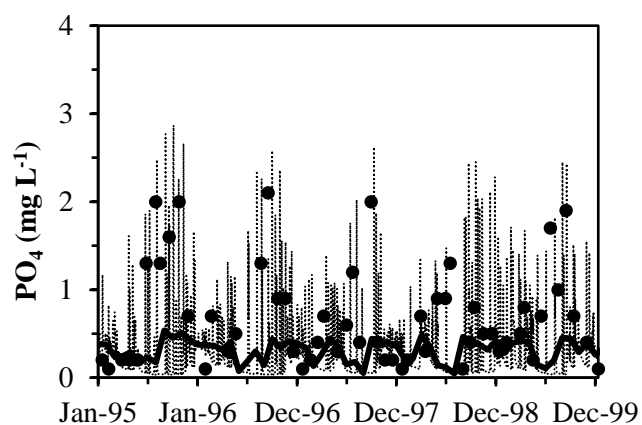


Figure S5

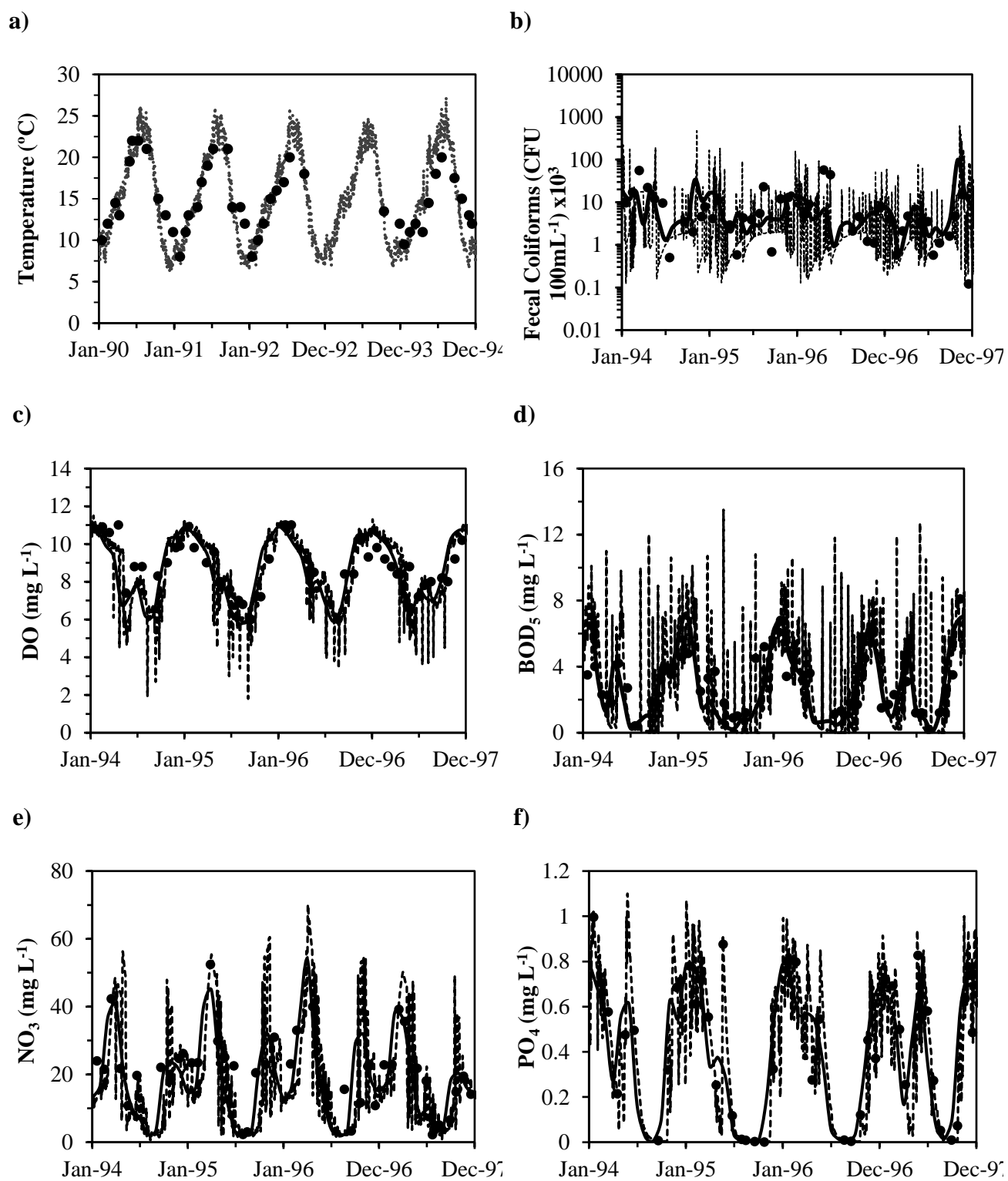
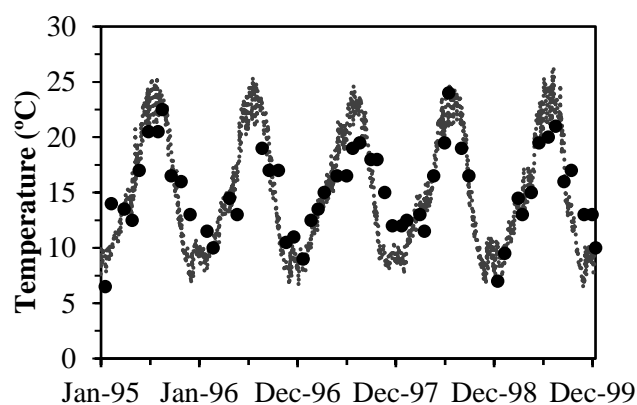
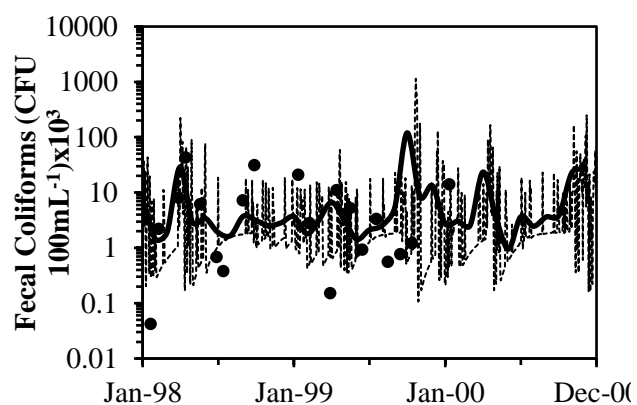


Figure S6

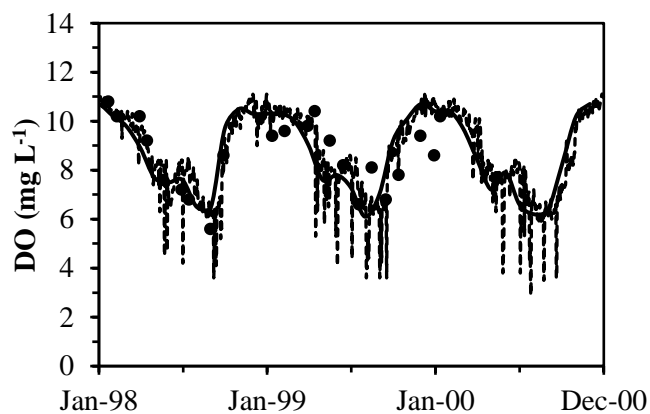
a)



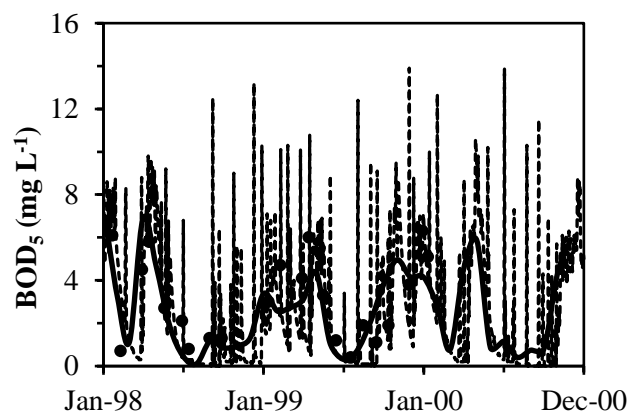
b)



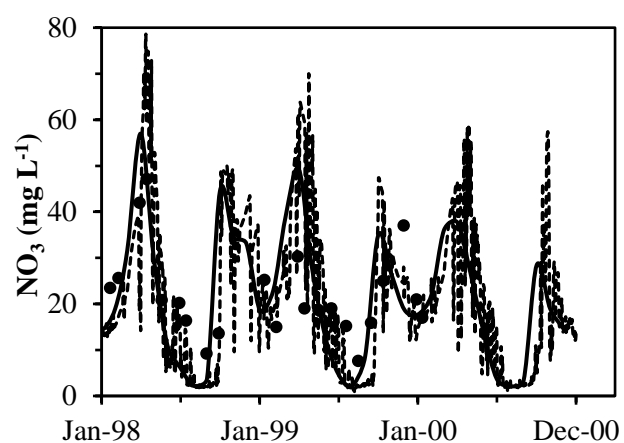
c)



d)



e)



f)

