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Appraisal of Steady-State Stormwater Control Measure Pollutant Removal Models within a Dynamic Stormwater Routing Framework

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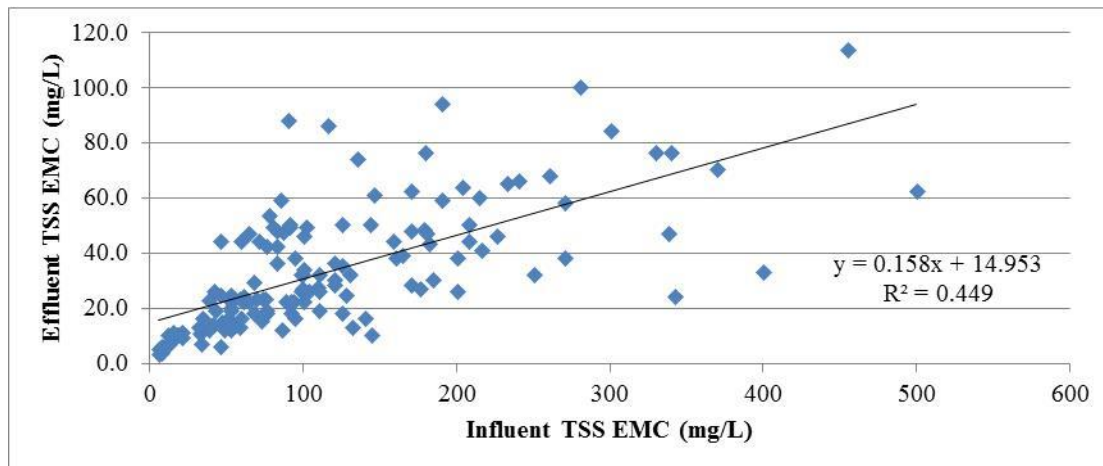
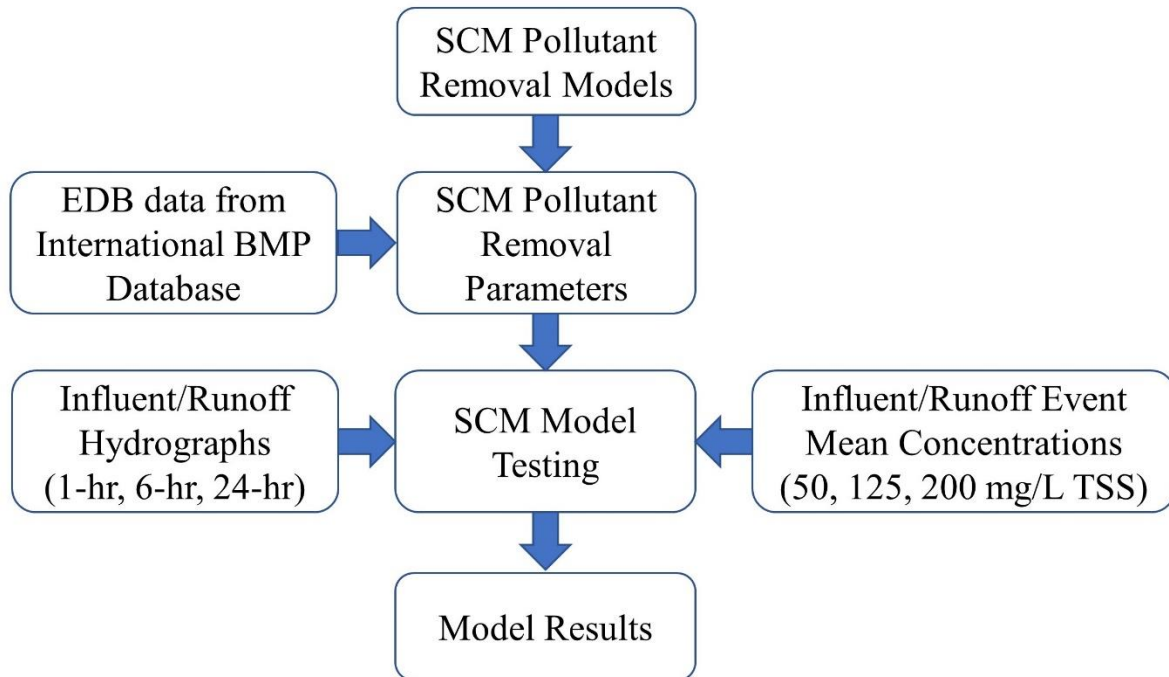


Fig S1. The linear regression analysis of 137 pairs of influent/effluent TSS EMCs obtained from the BMP Database. All data were collected from EDBs located within the United States.

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FigS2. A flowchart to show the steps involved in the methodology

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Table S1. The linear regression analysis output. Values of the standard error of the regression and sum of squares of the residuals were used in the prediction interval and FOVE uncertainty analysis methods.

Regression Statistics	
Multiple R	0.67
R Squared	0.45
Adjusted R Squared	0.44
Standard Error	16.62
Observation	137

ANOVA					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	30389.48	30389.48	110.00	3.47E-19
Residual	135	37296.57	276.27		
Total	136	67686.05			

	Coefficient	Standard Error	t Stat	P-value	Lower 95%	Upper 95%
Intercept	14.94	2.30	6.49	1.52E-09	10.39	19.50
99.13	0.16	0.02	10.49	3.43E-19	0.13	0.19