SUPPLEMENTAL DATA

Generalized Likelihood Uncertainty Estimation and Markov Chain Monte Carlo Simulation to Prioritize TMDL Pollutant Allocations

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Table S1. Monthly and land use adjustment factors of the uncertain parameters which vary according to the time of year

Parameter	Land Use	Jan.	Feb.	Mar.	April	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
UZSN	Forest	1.0[a]	1.0	1.5	2.0	2.0	3.3	3.3	2.0	2.0	1.5	1.5	1.0
	Cropland	0.3	0.3	0.5	1.3	2.0	2.7	2.7	2.0	1.3	0.5	0.3	0.3
	Pasture	0.3	0.3	0.5	1.3	2.0	2.7	2.7	2.0	1.3	0.5	0.3	0.3
	Others[b]	0.3	0.3	0.3	0.5	1.0	1.5	1.5	1.0	0.5	0.3	0.3	0.3
CEPSC	Forest	1.0[a]	1.0	2.0	2.7	2.7	4.0	4.0	4.0	4.0	2.0	1.0	1.0
	Cropland	1.0	1.0	1.3	1.3	2.0	2.7	4.0	4.0	4.0	2.7	2.0	1.0
	Pasture	1.0	1.0	1.0	1.0	1.0	4.0	4.0	4.0	1.0	1.0	1.0	1.0
	Others[b]	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
LZETP	Forest	1.0[a]	1.0	1.3	1.7	2.0	2.3	2.3	2.0	1.7	1.3	1.0	1.0
	Cropland	1.0	1.0	1.0	1.3	1.3	2.0	2.0	2.0	1.7	1.3	1.0	1.0
	Pasture	1.0	1.0	1.0	1.3	1.3	2.0	2.0	2.0	1.7	1.3	1.0	1.0
	Others[b]	1.0	1.0	1.0	1.0	1.0	1.3	1.3	1.0	1.0	1.0	1.0	1.0
ACQOP-PERLND	Cropland	1.0	56.0	225.0	182.0	55.0	1.0	1.0	1.0	1.0	56.0	64.0	1.0

[a] Value for the forest land use for the January month is generated using the distribution and the value of all other months and land uses are generated using the factor.

[c] Other land uses include farmstead, LDR, HDR and loafing lot.