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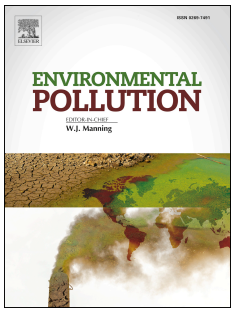

A comprehensive probabilistic approach for integrating natural variability and parametric uncertainty in the prediction of trace metals speciation in surface waters

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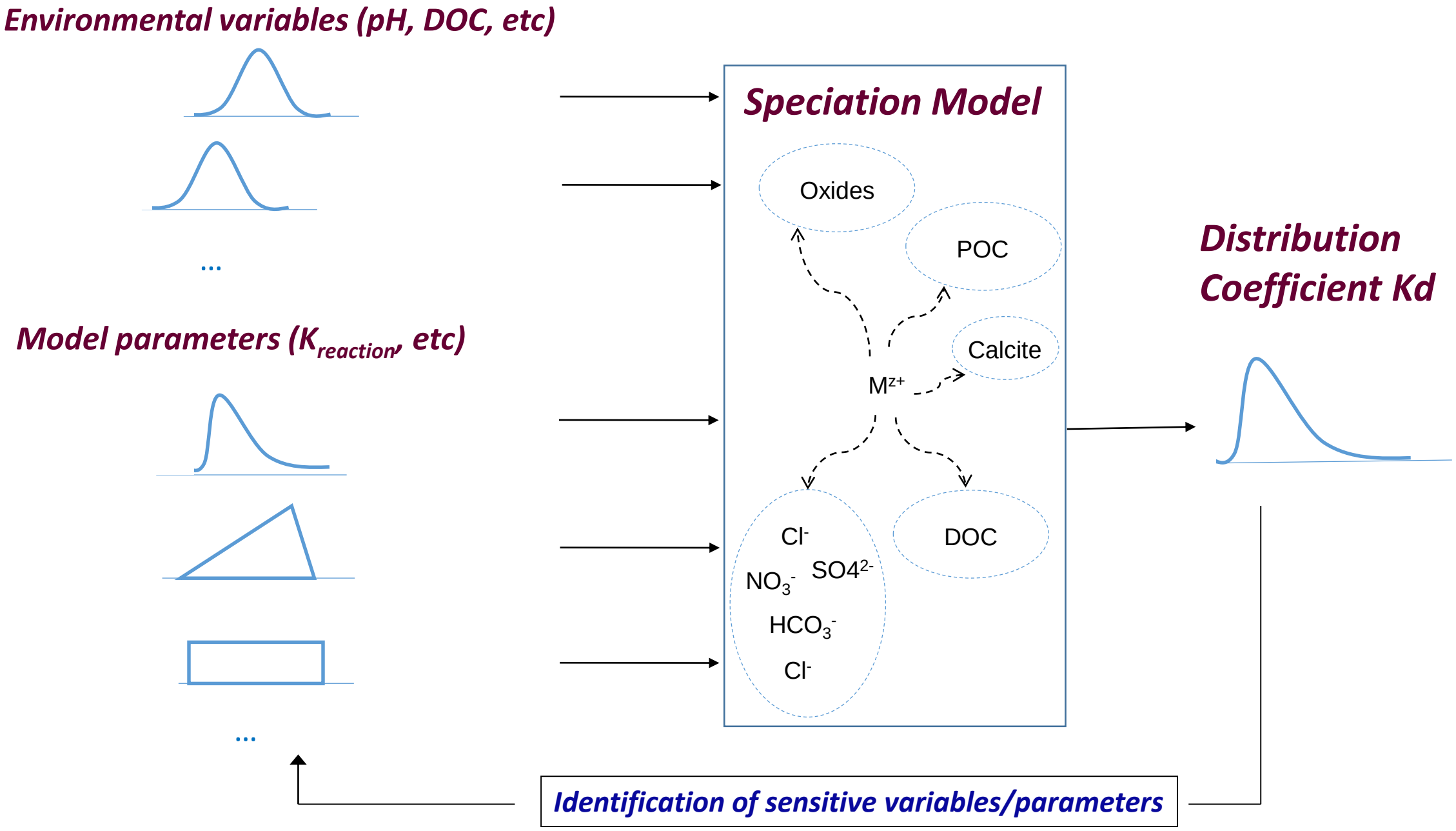
Environmental variables (pH, DOC, etc)
...
Model parameters ($K_{reaction}$, etc)
...
Speciation Model
Oxides
POC
Calcite
M^{z+}
Cl^-
NO_3^-
$SO4^{2-}$
HCO_3^-
Cl^-
DOC
Distribution Coefficient Kd
Identification of sensitive variables/parameters

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