



# NIMBioS

National Institute for Mathematical  
and Biological Synthesis



## Stoichiometric Ecotoxicology *A NIMBioS Investigative Workshop*

January 17-19, 2018

**NIMBioS at the Univ. of Tennessee, Knoxville**

This workshop will provide a forum for discussions of incorporating multiple essential elements and contaminants in ecotoxicological models. Discussions will shed light on nutrient and chemical contaminant cycling and can ultimately help improve toxicological risk assessment protocols. The objectives for the workshop include:

1. Discussing the importance of linking Ecological Stoichiometry with Ecotoxicology and summarizing the current state of the synthesis of these two theories
2. Formulating a series of empirically testable and robust models of individual and population dynamics subject to stoichiometric constraints and contaminant stressors
3. Identifying future directions for models to be used in practice for ecological risk assessments and determining areas where empirical data are lacking in order to parameterize, test, and improve the models

Participation in the workshop is by application only. Individuals with a strong interest in the topic are encouraged to apply, and successful applicants will be notified within two weeks of the application deadline. If needed, financial support for travel, meals, and lodging is available for workshop attendees.

**Application deadline: September 25, 2017**

For more information about the workshop and a link to the online application form, go to [http://www.nimbios.org/workshops/WS\\_ecotox](http://www.nimbios.org/workshops/WS_ecotox)

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