

**NIMBioS Investigative Workshop - Predictive Models for ERA**  
**April 28-30**  
**Agenda**

**Day 1:**

- 8:00 Breakfast available at NIMBioS
- 8:45 Welcome and introduction to NIMBioS (Chris Welsh)
- 9:00 Introduction to the workshop (Valery Forbes & Richard Rebarber)
- 9:15 Participant introductions (All)
- 10:15 Coffee break
- 10:45 Keynote: Main challenges for using models in ecological risk assessment and recent initiatives (Valery Forbes)
- 11:30 Discussion of the mathematical and biological challenges
- 12:00 Lunch
- 1:00 Keynote: Perspective on using the models in practice (Julann Spromberg, NOAA)
- 1:45 Keynote: Perspective on the models in practice (Tom Purucker, US EPA)
- 2:30 Breakout discussions (with coffee): What criteria do the models have to fulfill to be of practical use?
- 4:00 Feedback from groups & general discussion in plenary
- 5:00 Reception at NIMBioS

**Day 2**

- 8:00 Breakfast available at NIMBioS
- 9:00 Keynotes: Models linking molecules-to-organisms (Cheryl Murphy, Irv Schultz; 45 min each including questions)
- 10:30 Breakout sessions (with coffee): molecule-to-organism modeling
- 12:00 Feedback from groups in plenary
- 12:30 Lunch
- 1:30 Keynotes: Models linking organisms-to-ecosystems (Roger Nisbet, Volker Grimm; 45 min each including questions)
- 3:00 Breakout sessions (with coffee): organism to ecosystem modeling
- 4:30 Feedback from groups in plenary
- 5:00 End of day

**Day 3**

- 9:00 Round table discussion: Bringing it all together (Panel)
- 10:00 Breakout sessions (with coffee): Recommendations for actions
- 11:30 Feedback from groups in plenary
- 12:15 Closing of the workshop and next steps (Richard Rebarber & Valery Forbes)
- 12:30 Lunch and adjourn