EMECS 9

Accountability: Nutrients and Modeling I

Introduction and Overview
Accountability Process

Federal Actions
- if insufficient Watershed Implementation Plans or 2-year milestones are not met

Model and Monitor
to assess progress

Chesapeake Bay TMDL:
Set Pollution Reduction Goals for Point and Non-point Sources to Meet Bay Water Quality Standards

2-Year Milestones
with program enhancements and nutrient and sediment reduction commitments

Watershed Implementation Plans identify nutrient and sediment targets that meet water quality standards. Plans include:

Evaluation of Program Capacity necessary to fully restore water quality

Identification of Gaps between needed and existing program capacity

Schedule and Strategies to enhance programs and reduce nutrients and sediment
Accountability/Modeling Speakers

- **Chris Jones**, George Mason University: Temporal variation in water quality at a fixed monitor
- **Phillippe Larroude**: Withdrawn
- **Ryoichi Yamanka**, Univ. of Tokushima: Numerical study on dispersion of turbid overland flow in stratified waters
- **Toshihiro Kitada**, Gifu National College of Technology: Wet/dry atmospheric deposition of ammonia/nitric acid—evaluation of eutrophication effects