Water Filtration Summary

• What is being valued?
  – N, P reductions
  – Other parameters may be of interest (e.g., E-coli)

• Valuation approaches
  – Cost-based (treatment plant processes or agricultural best management practices costs or constructed wetland)
  – How to select appropriate one?
  – Role for markets? – Local values relevant

• Biophysical model requirements
  – Spatial approaches
  – Links desired may be missing
  – Approximations often needed based on data availability
Water Filtration Summary

• Ecosystem services chain
  – Where are we doing the valuing?
  – End user/demand understanding needed
  – Thinking about damages avoided
  – Use travel cost/other methodologies for evaluating effects on recreation for example
  – Stated preference, etc. literature as well

• Incorporating degradation
  – Contribution of certain land uses to impediments to ES provision

• How can we scale these up?
  – Data needs extensive to decrease uncertainty bounds (for biophysical and for economic)