

Summary and Synthesis of the Available Literature on the Effects of Nutrients on Spring Organisms and Systems

Final Seminar, Tallahassee, January 29, 2008

Agenda (each of the 8 presentations is 15 minutes long and has 5-7 minutes for questions after each):

- 10:00 Introductions
- 10:15 Springshed Nutrient Loading, Transport and Transformations (Matthew Cohen)
- 10:35 Biogeochemical Processes and Implications for Nutrient Cycling in Spring Systems (Patrick Inglett)
- 11:00 Nutrient Effects on Spring Flora and Fauna (Charles Jacoby, Thomas Frazer)
- 11:20 Ecosystem implications of Invasive Aquatic Plants and Aquatic Plant Control in Florida Springs (Jason Evans)
- 11:45 Lunch
- 12:30 Effects of Nutrients on Spring Ecosystems (Bob Knight, Sky Notestein)
- 12:55 Managing Nutrient Inputs to Florida Springs: Current Regulatory Framework (Richard Hamann)
- 1:15 Synthesis of Nutrient Effects on Spring Biota (Mark Brown)
- 1:45 Springs References Database (Kelly Reiss)
- 2:00 Break
- 2:15 Discussion
- 4:00 Adjourn

Report Outline (Final Report due to FDEP March 2008)

- Chapter 1 Springs as Ecosystems (Bob Knight, Sky Notestein)
- Chapter 2 Springshed Nutrient Loading, Transport and Transformations (Matthew Cohen)
- Chapter 3 Biogeochemical Processes and Implications for Nutrient Cycling in Spring Systems (Patrick Inglett, Kanika Sharma Inglett, and K. Ramesh Reddy)
- Chapter 4 Nutrient Effects on Spring Flora and Fauna (Charles Jacoby, Thomas Frazer, Edward Philips)
- Chapter 5 Ecosystem implications of Invasive Aquatic Plants and Aquatic Plant Control in Florida Springs (Jason Evans)
- Chapter 6 Effects of Nutrients on Spring Ecosystems (Bob Knight, Sky Notestein)
- Chapter 7 Managing Nutrient Inputs to Florida Springs: Current Regulatory Framework (Richard Hamann)
- Chapter 8 Synthesis of Nutrient Effects on Spring Biota (Mark Brown)

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See <http://waterinstitute.ufl.edu/research/projects/project001.html> for more project information.