

BAE 495 – Applications of Ecological Engineering

Homework #5

- **Question 1.** Describe three types of wetlands in NC and the wetland values associated with each. Which of these types of wetlands do you think are most important to the well being of N.C.'s economy and well being of its citizens? Note: (do not use "riparian or non-riparian" as a type. Instead, use the wetland ecosystems found within those groups).

(1.5 pages maximum)

- **Question 2.** A common question raised in wetland restoration or creation is the relationship to global warming. Some think more wetlands will speed global warming. What is the argument based upon and do you think it is a valid concern? (Hint – do some research and consider biogeochemical reactions within wetlands versus current trends in wetland loss).

(1 page maximum)

- **Helpful links (to get you started):**
 - EPA wetlands website <http://www.epa.gov/owow/wetlands/>