Task 6: Environment and Energy – Holistic Site Characterization, Habitat and Land Use Mapping and Data/Wildlife Management Plan

PI: Dr. Natalie Kruse, Jennifer Bowman, and Robert Wiley



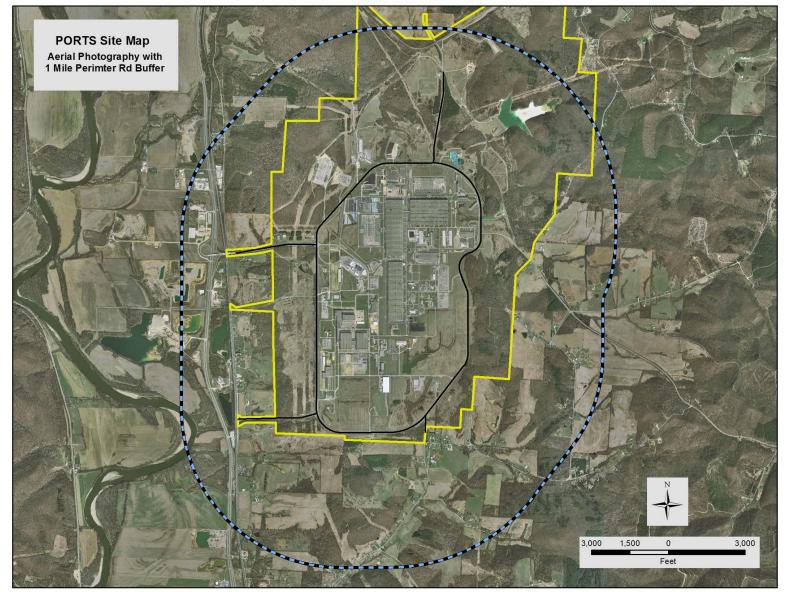
HOLISTIC SITE CHARACTERIZATION, HABITAT AND LAND USE MAPPING AND DATA/WILDLIFE MANAGEMENT PLAN



Overview of Task

- Site-wide land use mapping
- Habitat classification and mapping outside of fence
- Management plan for deer on site based on habitat data





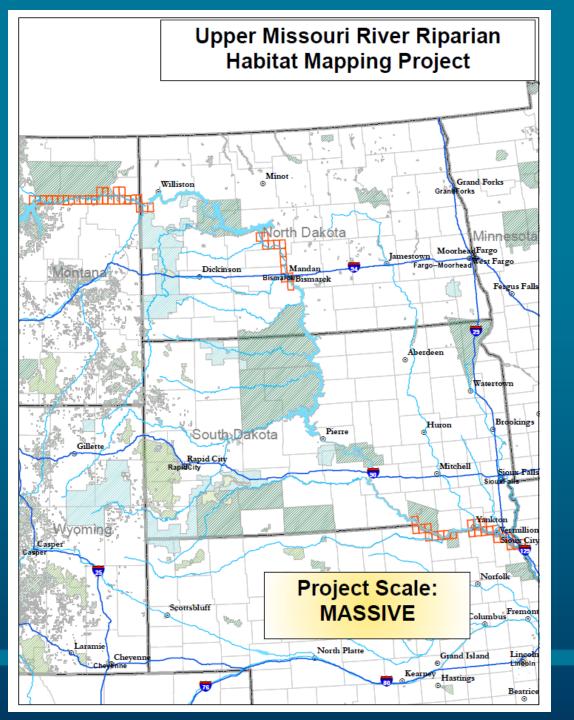




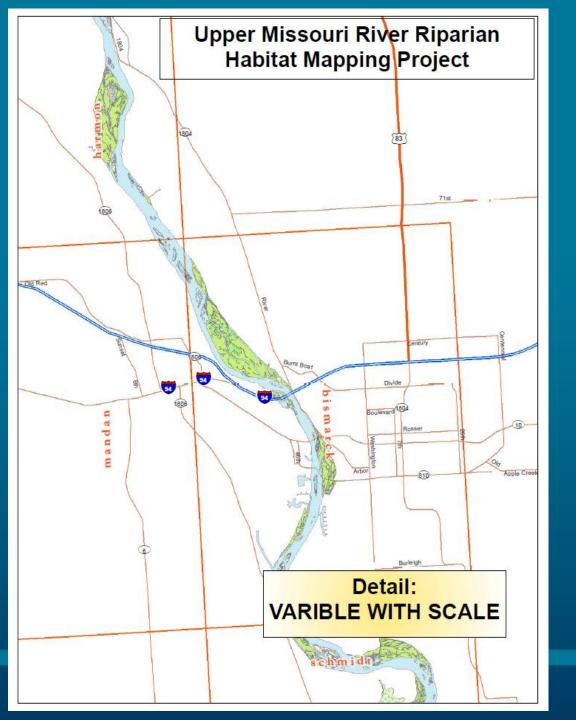
Relevant Work Experience

- Missouri River
- Wildlife and Habitat Mapping and Analysis
- Sandbar Area Change with Rising Sea Level

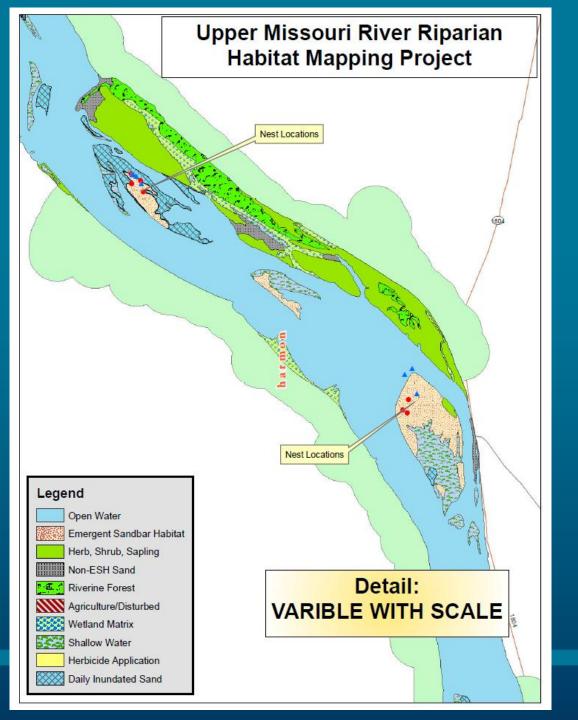






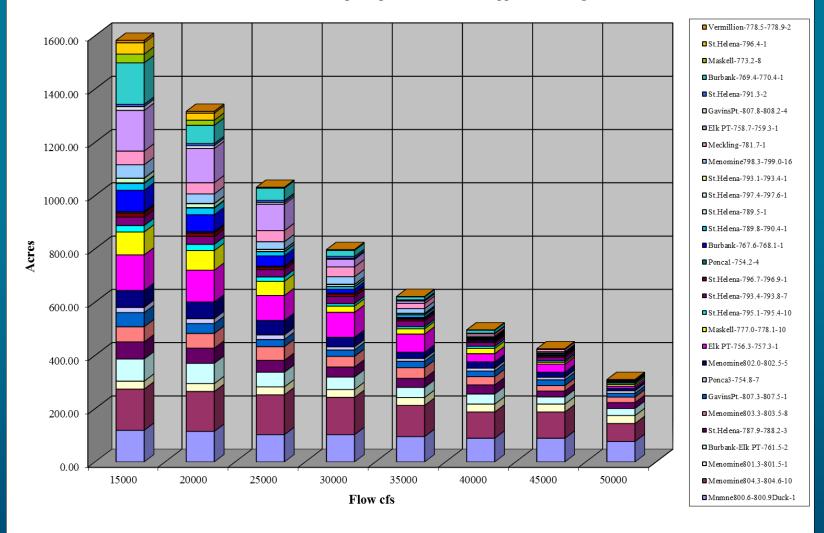




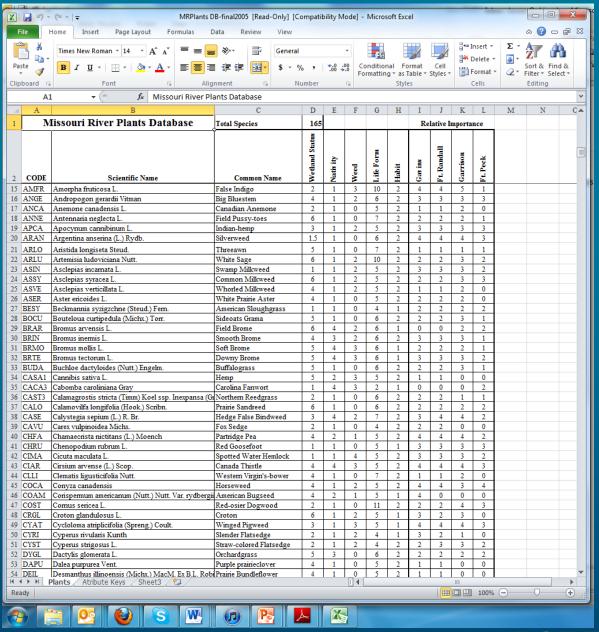




Total Sandbar Area at Change Stage for Islands that Supported Nesting in 2005-06

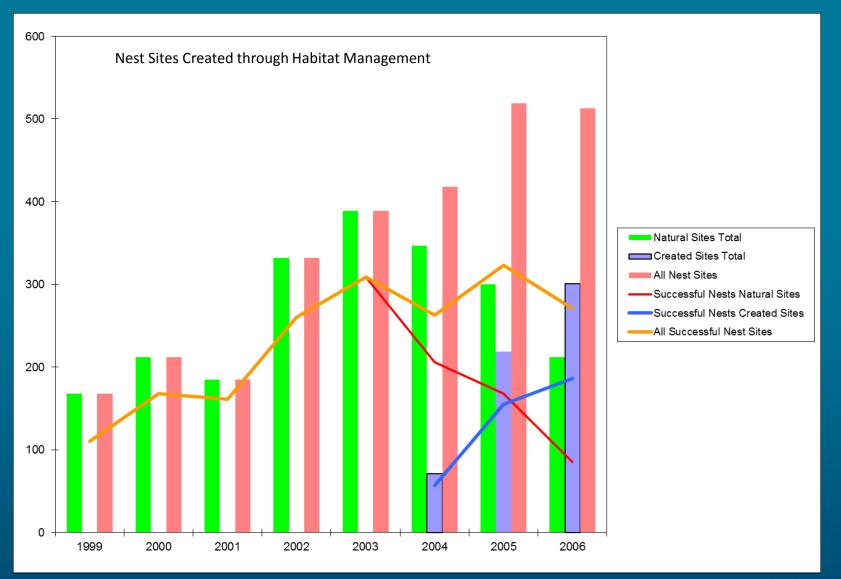






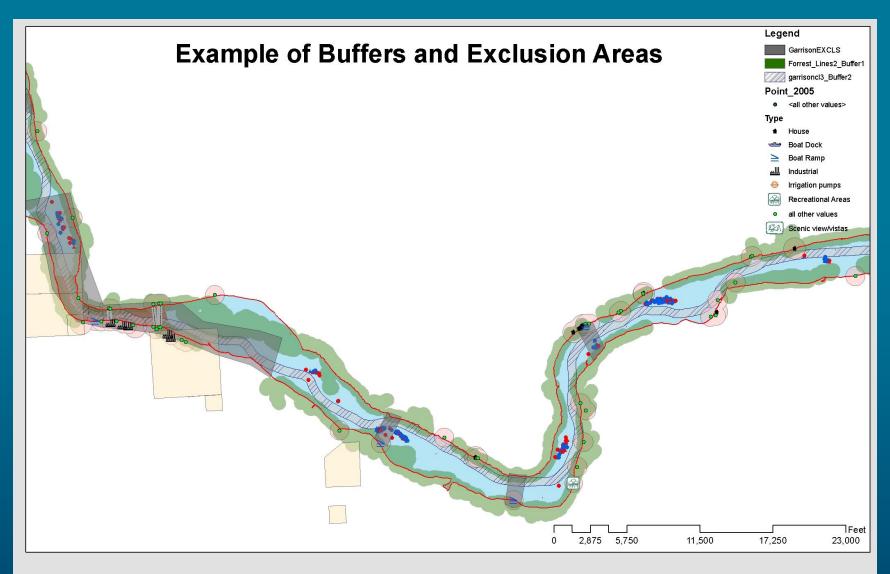


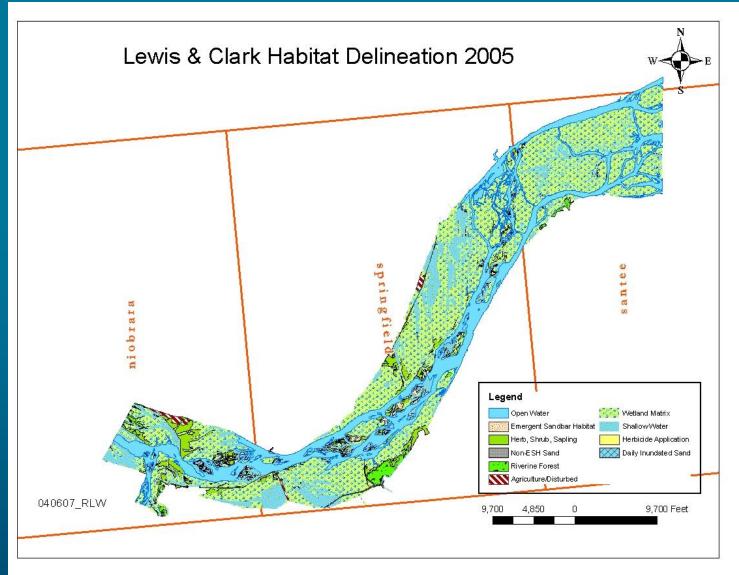










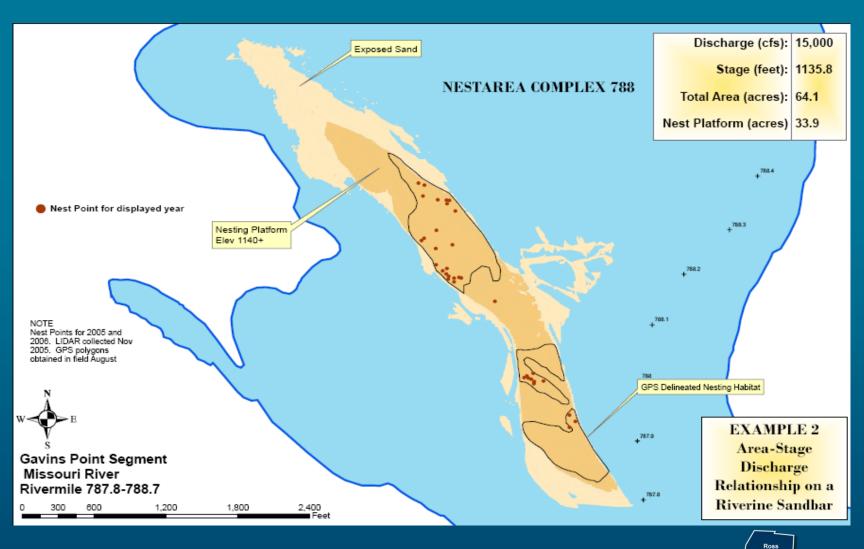




CHANGE IN SANDBAR ISLAND AREA AND NESTING HABITAT WITH STAGE CHANGE

Missouri River Gavins Point Segment Rivermile 788, 2005 and 2006 Dataset









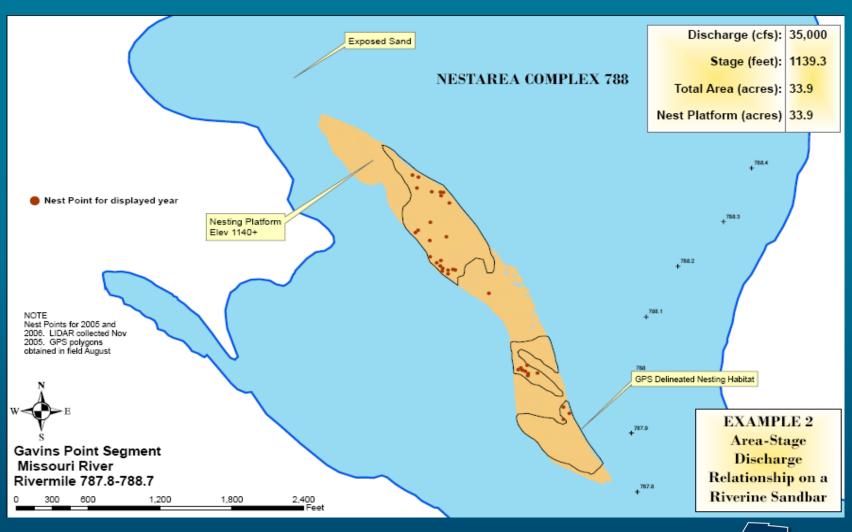








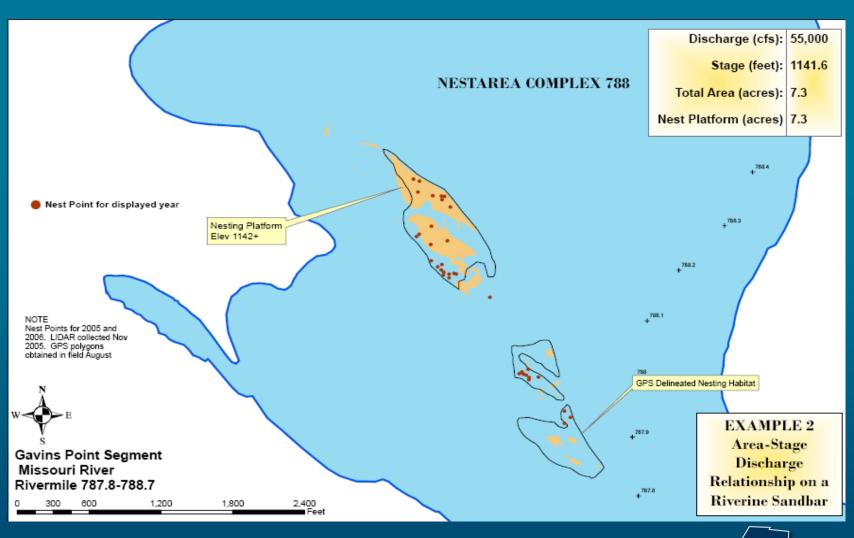




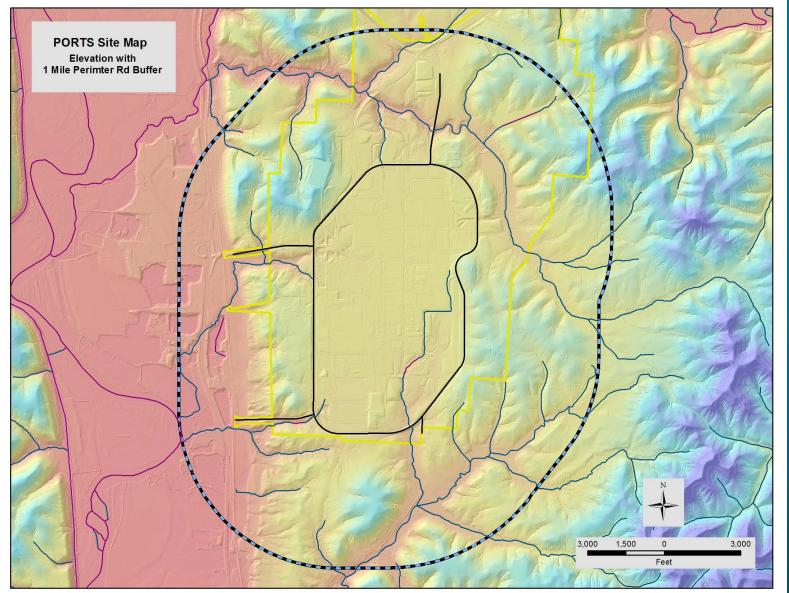






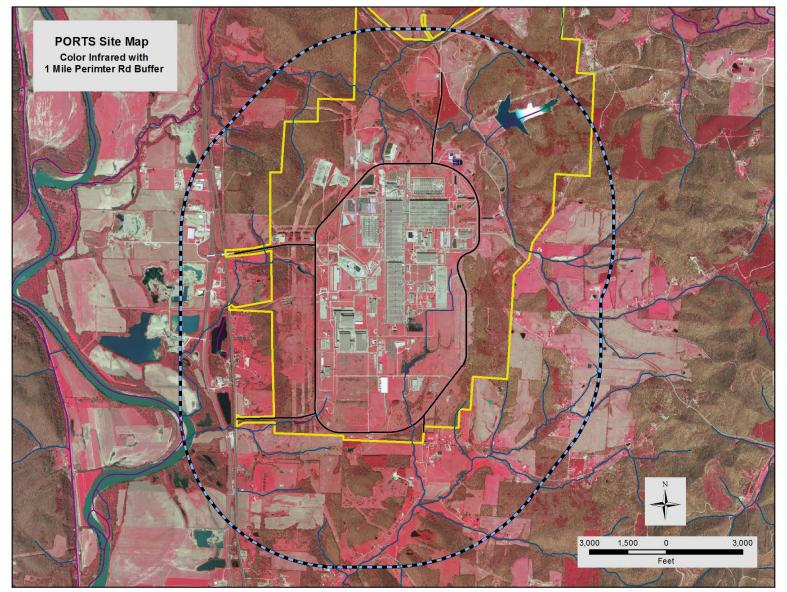
















Deliverables

- Draft georeferenced database and landuse map available for review – August 1, 2012
- Final georeferenced database and landuse map complete – September 30, 2012
- Data Gap Report complete September 30, 2012 (no DOE review of this one needed)
- Draft Wildlife Management Plan (including summary of public comment/involvement) available for review – September 30, 2012
- Final Wildlife Management Plan (including summary of public comment/involvement) complete – November 15, 2012