

Report Information					
Award Type	Award Number	Prime DUNS	Calendar Yr/Qtr	Final Report	Order Number
Contract	40181AJ025	066470972	2011 / 3	Yes	

Award Recipient Information	
Recipient DUNS Number 066470972	Recipient Address 1 107 SAMFORD HALL
Recipient Account Number 381037	Recipient Address 2
Recipient Congressional District 02	Recipient City AUBURN
Parent DUNS Number 066470972	Recipient State AL
Recipient Type 2U.G6.M8.OH.VW	Recipient ZIP Code + 4 368490001
Recipient Legal Name AUBURN UNIVERSITY	Recipient Country USA
Recipient DBA Name	

Project / Award Information	
Funding Agency Code 1448	Total Number of Sub Awards less than \$25,000/award 0
Awarding Agency Code 1448	Total Amount Sub Awards less than \$25,000/award 0.00
Program Source (TAS) Code 14-1610	Total Number of Sub Awards to Individuals 0
Sub Account Number for Program Source	Total Amount of Sub Awards to Individuals 0.00
Govt Contracting Office Code 00004	Total Number of Payments to Vendors less than \$25,000/award
Amount of Award 79133.00	Total Amount of Payments to Vendors less than \$25,000/award
Award Date 06/18/2010	
Award Description The objective is to investigate the role of dredging on fish assemblage stability and persistence on sand bars in the Alabama River. In addition, we will assess diel patterns of habitat use of non-game fishes on sand bars. The role of sand bar size and spatial position will also be investigated. Fishes will be sampled using 100' seines, and samples will be kept separate so that the detectability of each species may be calculated. After identification, most fishes will be released; some vouchers will be taken. These data will provide a baseline for management of the Alabama River aquatic habitats associated with dredging.	

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Project Information

Quarterly Activities/ Project Description

The current fish survey focused on non-game species found in gravel/sand bar habitat, as well as samples of selected tributaries of the Alabama River from river miles 23 ? 72. We collected 55 species, including two distributional records: Gulf Menhaden and Inland Silverside. Only a few specimens of Inland Silverside were detected, but Gulf Menhaden were encountered in extremely high numbers throughout the study area. Only one species of conservation concern, Crystal Darter, was detected during this survey. Examination of our data suggests high repeatability among sample efforts, supporting the use of similarity indices for comparisons. Our samples had low similarity to historical samples, suggesting fish assemblage shifts over time. Comparisons of day/night samples also suggested low similarity, in part due to the presence of large numbers of catfishes in night samples, and this was true for both summer and fall samples. Most, but not all, seasonal sample comparisons suggested faunal shifts from summer to fall. Gulf Menhaden persisted in fall samples, indicating that migration back to the Gulf of Mexico had not occurred. Fish assemblages in tributaries contained darter and minnow species not found in riverine samples, and lacked such open water specialists as clupeids. Our results suggest that fish assemblages are naturally variable in the Alabama River, but anthropogenic disturbances may also contribute to longer-

- Activity Codes (NAICS) (up to 10)**
- Activity Code 1** 611310
 - Activity Code 2**
 - Activity Code 3**
 - Activity Code 4**
 - Activity Code 5**
 - Activity Code 6**
 - Activity Code 7**
 - Activity Code 8**
 - Activity Code 9**
 - Activity Code 10**

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term assemblage shifts.

Project Status Fully Completed
Total Federal Amount ARRA 72380.23
Funds Received/ Invoiced
Number of Jobs 0.00
Description of Jobs Created No jobs this quarter

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Primary Place of Performance

Address 1	120 Highway 21 S
Address 2	
City	Monroeville
Country Code	US
State	AL
ZIP Code + 4	36460 - 8092
Congressional District	01

Recipient Highly Compensated Officers

Prime Recipient Indication of Reporting Applicability	No	Officer 3 Name	
Officer 1 Name		Officer 3 Compensation	
Officer 1 Compensation		Officer 4 Name	
Officer 2 Name		Officer 4 Compensation	
Officer 2 Compensation		Officer 5 Name	
		Officer 5 Compensation	

Report Audit Trail

Created By	Cindy Selman
Date Created	10/02/2011 10:19 PM
Last Updated By	Cindy Selman
Last Updated On	10/10/2011 04:20 PM