**PR Number: R1447120008**

**Award Number:** **P12AC10426**

**Project Number: NAU-417**

**Park/NPS Unit:** GLEN CANYON NRA/RAINBOW BRIDGE NM

**Title of Project:** Tabletop 3-D Educational Model of the Glen Canyon Dam and Hydroelectric Facility

**Administered through the:** Colorado Plateau Cooperative Ecosystem Studies Unit Cooperative Agreement Number H1200-09-0005

**CESU Partner:** Northern Arizona University

**Project Contacts**

**Principal Investigator:** Dr. Allison Kipple, Asst. Professor., NAU PO BOX 15600 Flagstaff, AZ 86011-5600, Phone:

(928) 523-5303, Fax: (928) 523-2300, Email: Allison.Kipple@nau.edu

**Partner Administrative Contact:** Cindy Judge, Grant and Contract Administrator, Northern Arizona University, Office of Grant and Contract Services, 1298 S. Knoles Dr., ARD Bldg. 56, Ste. 240

Phone: (928) 523-6917 FAX:  (928) 523-1075, cindy.judge@nau.edu

**NPS Certified ATR:** Rosemary Sucec, Chief, Branch of Cultural Resources, Glen Canyon National Recreation Area and Rainbow Bridge National Monument 691 Scenic View Road, Box 1507, Page, AZ 86040-1507, Phone (928) 608-6277, Fax(928) 608-6283, Email:Rosemary\_Sucec@nps.gov

**NPS Technical Expert (if appropriate):** Joan B. Mayer, Education Specialist and Special Events Coordinator, Astronomy Team Leader, Glen Canyon National Recreation Area and Rainbow Bridge National Monument, 691 Scenic View Road, P.O. BOX 1507, Page, AZ 86040, 928-640-0817 (cell), 928-608-6353 (W), 928-608-6259 (F), Joan\_Mayer@nps.gov

**Funding Information:**

**Amount Funded: $5000.00**

**NPS Account Numbers (amounts in parentheses): (1242-CECP-RYY)**

**Fund Source (e.g., ONPS, FLREA, CRPP, CESU, etc.): CPCESU Base**

NPS Funding

Is this funded using a reimbursable account number? If yes, IMR contracting needs a copy of the Interagency Agreement.

**Project Dates:**

**Start Date: April 16, 2012**

**Any Other Product Milestone Dates you need to include:** (full dates can go in with the project description)

**End Date:** October 31, 2012

**PROJECT ABSTRACT:**

Engineering students at Northern Arizona University (NAU) will design, construct, and document a 3-D tabletop educational model of the Glen Canyon Dam and hydroelectric facility, for use in outreach activities conducted by the National Park Service (NPS). The education specialist at the Glen Canyon National Recreation Area, Joan Mayer, will oversee the students’ efforts to ensure that the model and documentation suit her needs, while NAU faculty and staff will provide technical guidance and overall project oversight. As a result of this project, NPS staff will have a unique tool to help them education the public about the Glen Canyon Dam, and the NAU students will develop critical engineering design and project management skills.