**NPS**

**PROJECT SUMMARY**

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| **Cooperative Ecosystem Studies Unit**  **Cooperative Agreement Modification** | | | | | |
| FUNDING AGENCY: **National Park Service** | | | | | |
| MODIFICATION NO.: **[CESU info only]** | | COOPERATIVE AGREEMENT NO.:**1200-99-009** | | FUNDING AMOUNT: $35,939.00 | |
| INVESTIGATORS Contact Information: Dr. Chris Downum, NAU, Director, Anthropology Labs. | | | | | |
| PROJECT TITLE: Mapping and Ruins Preservation at Antelope Ruins-Black Rock area of Canyon de Chelly National Monument | | | | | |
| EFFECTIVE DATES **: September 2, 2003 through April 30, 2005** | | | | | |
| PROJECT ABSTRACT: Northern Arizona University (NAU) proposes to conduct topographic and planimetric mapping of cultural sites and features in the Antelope Ruins/Black Rock area of Canyon de Chelly National Monument (hereafter referred to as CDC). The proposed project will produce spatial information and images for future National Park Service management, monitoring, consultation, and research. The mapping will be achieved by creating accurate, high resolution contour maps of natural and cultural features through photogrammetry, and by using terrestrial instrument mapping to capture details of individual cultural features that exist below the threshold of visibility for photogrammetry. This proposal serves to establish specific responsibilities pursuant to Cooperative Agreement No. CA 1200-00-009. | | | | | |
| **Agency Representative:**  Ron Hiebert, NPS Research Coordinator  CPCESU  Northern Arizona University  P.O. Box 5765  Flagstaff, AZ 86011-5765  Tel: (928) 523-0877  Fax: (928) 520-8223  Ron.Hiebert@nau.edu | **Agency Administration Representative**  Lynell Wright  Budget Assistant  Intermountain Support Office  Denver, CO 80225-0287  Tel: (303) 969-2654  Lynell\_Wright@nps.gov | | **Investigator:**  Chris Downum, Director  Anthropology Laboratories  Northern Arizona University  Box 15200  Flagstaff, AZ 86011-5200  Tel: (928) 523-6275  Fax: (928) 523-9135  Chris.Downum @nau.edu | | **Partner Admin. Contact:**  Joanne Stucjus  Grant & Contract Admin.  Northern Arizona University  Box 4130  Flagstaff, AZ 86011-4130  Tel: (928) 523-9331  Fax: (928) 523-1075  Joanne.Stucjus@nau.edu |
| ***List of Key Words: [Insert key words]***  ***Cultural Resources, Surveys, Native American, Management*** | | | | | |
| ***Agency Manager/Technical Representative from National Park***    Scott Travis, Superintendent  Canyon de Chelly National Monument PO Box 588 Chinle, AZ 86503  928-674-5500, Ext. 224  Scott\_Travis@nps.gov | | | | | |
| *Annual Report Received:*  *Final Report Received:*  *Publications on File:* | | | | | |
| *This Modification is subject to all the provisions included in the Cooperative Agreement,****dated 6/22/99.*** | | | | | |
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*Attach any supporting material as necessary.*