**������� NPS**

**PROJECT SUMMARY**

|  |
| --- |
| **Cooperative Ecosystem Studies Unit****Cooperative Agreement Modification** |
| FUNDING AGENCY: **National Park Service** |
| MODIFICATION NO.: **04-02 mod 2**  | CESU COOPERATIVE �AGREEMENT NO.: H2380040002Task Order 04-02 Modification 2 | FUNDING AMOUNT: $ **25,000** |
|  INVESTIGATORS� Contact Information:Dr. Jim Loftis, Department of Civil Engineering, Colorado State University, Fort Collins, CO� 80523970-491-2667�� loftis@engr.colostate.edu |
|  PROJECT TITLE:**Continuation of �Inventorying and Monitoring Natural Resources Status and Trends in the National Park System� Modification 2** |
| EFFECTIVE DATES**: 07/01/04 through 09/30/05** |
|  PROJECT ABSTRACT: The goal of this project is to design, develop, implement, and manage integrated resource databases to assist Parks, Offices, Programs, and others (including non-NPS agencies and organizations) with the use of inventory and monitoring data to better manage park resources.� This project will help the NPS Inventory and Monitoring (I&M) Program achieve five long-term goals which define the scope of CESU tasks.� In particular, this second modification will address these aspects of the original scope of work:�        **NPS NR/GIS Metadata Database** � R&D a web-based metadata information system.� The system must comply with U.S. Government standards and existing projects including the FGDC Content Standard for Geospatial Metadata and related Biological Profile and the I&M Dataset Catalog.and the�        **Natural Resource Data Store**� R&D and implement web-based data store and search application.� R&D data products, formats, file compression, organization, user needs assessments for effective data site administration.� Process data files and populate data site.� Integrate with NPS NR/GIS Metadata application and database.This second modification will include assistance with (from the original scope of work):�        **Training** - R&D and provide technical support for data management, GIS, and metadata training modules and courses that transfer scientific knowledge and technical expertise to NPS users working with I&M data, information systems and significant projects listed above.  |
| **Agency Representative**:*� Ron Hiebert**NPS Research Coordinator, CPCESU**Northern Arizona University**P.O. Box 5765,**Flagstaff, AZ 86011-5765;**Tel: (920)523-0877; Fax (928)520-8223;�**Ron.Hiebert@nau.edu* | **Agency Contracting Representative:�***Shirley Norton**Contracting Officer, Administrative Program Center**P.O. Box 25287**Denver, CO 80225;**Tel: (303)969-2748; Fax (303)969-2795;�**Shirley\_Norton@nps.gov* | **Agency Administrative Representative:�***Debi Cox**Program Analyst, Water Resources Division**1201 Oakridge Dr. Suite 250**Fort Collins, CO� 80525;**Tel: (970)225-3510; Fax (970)225-9965;**Debi\_Cox@nps.gov* | **Investigator:**Dr. Jim Loftis, Principal Investigator, Dept. of Civil EngineeringColorado State UniversityFort Collins, CO� 80523;�Tel: (970) 491-2667; loftis@engr.colostate.edu | **Partner Administrative Contact:�****Ms. Mary Atella****CSU**Sponsored ProgramsColorado State UniversityFort Collins, CO� 80523;Tel: (970) 491-2083; Mary.Atella@colostate.edu |
| ***List of Key Words: :****NPS, natural resource management, inventory, monitoring, information system, database, GIS, metadata, research, development, training, geospatial data, species, climate, bibliography, boundary, I&M Network* |
| ***Agency Manager/Technical Representative/Key Official from National Park - Insert contact information @ specific Park or NPS Office****:*�        Dr. Gary Williams�������������������������� Gary\_Williams@nps.gov������������������������ Tel: 970-225-3539������������������ National Park Service�        Dr. Steven Fancy��������������������������� Steven\_Fancy@nps.gov������������������������ Tel: 970-225-3571������������������ Inventory and Monitoring Program�        Mr. Joe Gregson���������������������������� Joe\_Gregson@nps.gov�������������������������� Tel: 970-225-3559������������������ 1201 Oakridge Drive, Suite 200�        Mr. Mark Wotawa�������������������������� Mark\_Wotawa@nps.gov������������������������ Tel: 970-225-3567������������������ Fort Collins, CO� 80525�        Ms. Wendy Schumacher���������������� Wendy\_Schumacher@nps.gov Tel: 970-225-3548�        Mr. Bruce Heise���������������������������� Bruce\_Heise@nps.gov��������������������������� Tel: 303-969-2017������������������ Fax: 970-225-3585 |
| *Annual Report Received:**Final Report Received:**Publications on File:* |
| *This Modification is subject to all the provisions included in the Cooperative Agreement,****dated 6/18/2004.*** |
|  |  |  |  |  |  |  |

*Attach any supporting material as necessary.*