

15:06:12

OCA PAD AMENDMENT - PROJECT HEADER INFORMATION

01/29/97

Active

Project #: E-20-W44 Cost share #: Rev #: 2
Center # : 10/24-6-R8399-0A0 Center shr #: OCA file #:
Contract#: CMS-9422148 Mod #: AMEND #'S 1 & 2 Work type : RES
Prime # : Document : GRANT
Contract entity: GTRC
Subprojects ? : N CFDA: 47.041
Main project #: PE #: N/A

Project unit: CIVIL ENGR Unit code: 02.010.116
Project director(s):
 MACARI E J CIVIL ENGR (404)894-2282

Sponsor/division names: NATL SCIENCE FOUNDATION / GENERAL
Sponsor/division codes: 107 / 000

Award period: 950101 to 971231 (performance) 980331 (reports)

Sponsor amount	New this change	Total to date
Contract value	0.00	66,868.00
Funded	0.00	66,868.00
Cost sharing amount		0.00

Does subcontracting plan apply ? : N

Title: ENVIRONMENTAL QUALITY INNOVATIVE TECHNOLOGIES & SUSTAINABLE ECONOMIC...

PROJECT ADMINISTRATION DATA

OCA contact: Michelle A. Starmack 894-4820

Sponsor technical contact Sponsor issuing office

J. ELEONORA SABADELL LORETTA HEMSLEY
(703)306-1362 (703)306-1218

NATIONAL SCIENCE FOUNDATION NATIONAL SCIENCE FOUNDATION
4201 WILSON BLVD. 4201 WILSON BLVD.
ARLINGTON, VA 22230 ARLINGTON, VA 22230

Security class (U,C,S,TS) : U ONR resident rep. is ACO (Y/N): N
Defense priority rating : N/A NSF supplemental sheet
Equipment title vests with: Sponsor GIT X

Administrative comments -

AMEND. NO. 001 EXTENDS THE EXPIRATION DATE OF THE GRANT TO 12/31/97 AT NO
ADDITIONAL COST. AMEND NO. 002 CORRECTS THE PROGRAM OFFICIAL.

4
1

Closeout Notice Date 31-DEC-1997

Project Number E-20-W44 Doch Id 35833

Center Number 10/24-6-R8399-OA0

Project Director MACARI, EMIR

Project Unit CIVIL ENGR

Sponsor NATL SCIENCE FOUNDATION/GENERAL

Division Id 3393

Contract Number CMS-9422148 Contract Entity GTRC

Prime Contract Number

Title ENVIRONMENTAL QUALITY INNOVATIVE TECHNOLOGIES & SUSTAINABLE
ECONOMICS...

Effective Completion Date 31-DEC-1997 (Performance) 31-MAR-1998 (Reports)

Closeout Action:	Y/N	Date Submitted
Final Invoice or Copy of Final Invoice	N	
Final Report of Inventions and/or Subcontracts	N	
Government Property Inventory and Related Certificate	N	
Classified Material Certificate	N	
Release and Assignment	N	
Other	N	

Comments
LETTER OF CREDIT APPLIES. 98A SATISFIES PATENT REPORT.

Distribution Required:

Project Director/Principal Investigator	Y
Research Administrative Network	Y
Accounting	Y
Research Security Department	N
Reports Coordinator	Y
Research Property Team	Y
Supply Services Department/Procurement	Y
Georgia Tech Research Corporation	Y
Project File	Y

E 20-W44

Final Project Report

Tue Dec 9 14:14:57 1997

Note: This award is not scheduled to expire until Dec 31 1997. Are you sure you mean to send a Final Project Report for **THIS** project?

Part I - Project Identification Information

PI Name : Emir Macari
Award No. : 9422148
Institution : Georgia Tech Research Corporation - GA Institute of Technology
Award Completion Date: Dec 31 1997
Program Name : NAT & MAN-MADE HAZARD MITIGATI
Division Name : DIV OF CIVIL AND MECHANICAL SYSTEMS
Program Officer Name : J. Eleonora Sabadell
Project Title:
Environmental Quality, Innovative Technologies, and Sustainable Economic

NSF Grant Conditions (Article 17, GC-1, and Article 9, FDP-11 require submission of a Final Project Report (NSF Form 98A) to the NSF program officer no later than 90 days after the expiration of the award. Final Project Report for expired awards must be received before new awards can be made (NSF Grants Policy Manual Section 677).

Below, attached to this form, provide a summary of the completed projects and technical information. Be sure to include your name and award number. See below for more instructions.

Part II - Summary of Completed Project (for public use)

The summary (about 200 words) must be self-contained and intelligible to a scientifically literate reader. Without restating the project title, it should begin with a topic sentence stating the project's major thesis. The summary should include, if pertinent to the project being described, the following items:

- . The primary objectives and scope of the project.
- . The techniques or approaches used only to the degree necessary for comprehension.
- . The findings and implications stated as concisely and informatively as possible.

The proceedings of the conference, "Environmental Quality, Innovative Technology, and Sustainable Economic Development - A NAFTA Perspective," consist of position papers submitted by the invited attendees and written summaries of the findings of the various discussion groups at the workshop held in Mexico City, Mexico on February 8-10, 1996. The workshop was co-sponsored by the United States' NSF and Sandia National Laboratories (DOE), Mexico's CONACyT, and Canada's NSERC. The conference format was configured around nine topics: Groundwater, Air Pollution, Waste Water, Solid Waste, Soil Remediation, Environmental Conscious Manufacturing, Environmental Health Risk, Environmental Regulations and the Transfer of New Technologies, Training and Intellectual Property Rights. Summaries of the discussions from breakout sessions on these nine tracks are included in the proceedings. This document provides the environmental scientist, environmental engineer and environmental legislator with a comprehensive and up-to-date perspective of the opinions of selected

Word Wrap the Summary Text

Part III - Technical Information (for program management use)

List references to publications resulting from this award and briefly describe primary data, samples, physical collections, inventions, software, etc, created or gathered in the course of the research and, if appropriate, how they are being made available to the research community. Provide the NSF Invention Disclosure number for any invention. (5 Page Maximum)

References:

"Environmental Quality, Innovative Technologies, and Sustainable Economic Development - A NAFTA Perspective", 1997, Proceedings of the Workshop with the same title held in Mexico City in February, 1996, Published by the American Society of Civil Engineers, Special Technical Publication, Editors: Emir Jose Macari and J. Michael Saunders. ISBN 0-7844-0224-8

ACKNOWLEDGEMENTS

This workshop proceedings is the result of hard work from many individuals who are committed to uniting the environmental scientific and technological communities of North America. Special recognition is first offered to Dr. Eleonora Sabadel of the U.S. National Science Foundation who encouraged us all to hold this meeting at a critical

Word Wrap the Technical Info Text

Part IV - Summary Data on Project Personnel (for program management use)

The data requested below are important for the development of a statistical profile on the personnel supported by Federal grants. The information on this part is solicited in response to Public Law 99-383 and 42 USC 1885C. All information provided will be treated as confidential and will be safeguarded in accordance with the provisions of the Privacy Act of 1974. You should submit a single copy of this part with each final project report. However, submission of the requested information is not mandatory and is not a precondition of future award(s). Check the "Decline to Provide information" box below if you do not wish to provide the information.

Please enter the number of individuals supported under this grant.

Do not enter information for individuals working less than 40 hours in any calendar year.

	Senior Staff		Post-Doctorals		Graduate Students		Under-Graduates		Other Participants	
	Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem
US Citizens\Permanent Residents:										
American Indian or Alaskan Native										
Asian										
Black, Not of Hispanic Origin										
Hispanic	1				1				5	
Pacific Islander										
White, Not of Hispanic Origin					1				8	3
Disabled										
A.Total, U.S.Citizens	1				2				11	3

B.Total, P. Residents									2	
C.Total, Other										
Non-U.S. Citizens									18	5
Specify Country										
Canada									3	
Mexico									15	5
Other Countries										
D.Total, All Participants										
(A + B + C)	1				2				31	8

Male	Fem	Male	Fem	Male	Fem	Male	Fem	Male	Fem
Senior		Post-		Graduate		Under-		Other	
Staff		Doctorals		Students		Graduates		Participants	

- ☐ Check this button if no personnel were supported by this award.
☐ Decline to provide information:
 Check this button if you do not wish to provide this information.
☒ Check this button if you provide personnel information.

I certify to the best of my knowledge (1) the statements herein (excluding scientific hypotheses and scientific opinion) are true and complete, and (2) the text and graphics in this report as well as any accompanying publications or other documents, unless otherwise indicated, are the original work of the signatories or of individuals working under their supervision. I understand that willfully making a false statement or concealing a material fact in this report or other communication submitted to NSF is a criminal offense (U.S. Code. Title 18. Section 1001).

Name of Person Submitting: Emir Jose Macari

Date: Dec.09, 1997

Save without submit

Submit

OMB No. 3145-0058

[Send Comments to NSF.](#)



Press to return to FastLane HomePage without processing selection. Data will NOT be saved

Other Participants

Category includes, for example, college and precollege teachers, conference and workshop participants.

U.S. Citizens or Permanent Residents

Use the category that best describes the ethnic/racial status for all U.S. Citizens and Non-citizens with Permanent Residency. *(If more than one category applies, use the one category that most closely reflects the person's recognition in the community.)*

Disabled

A person having a physical or mental impairment that substantially limits one or more major life activities; who has a record of such impairment; or who is regarded as having such impairment.

(Disabled individual also should be counted under the appropriate ethnic/racial group unless they are

Final Project Report

Your final report (Award Id: n - GA Institute4 ›l4 ›lnology) has been received at NSF on Tue Dec 9 14:26:36 1997 .

The Program Officer is still required to review your Final Project Report and it will not get entered into the official NSF system until the cognizant Program Officer accepts it.

OMB No. 3145-0058



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