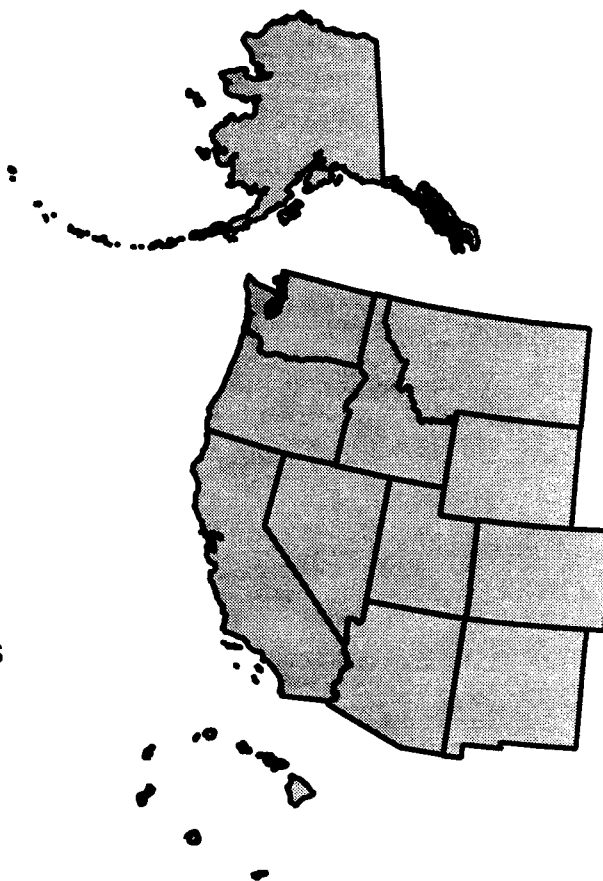


**MINUTES OF THE MEETING OF
THE WESTERN ASSOCIATION OF
AGRICULTURAL EXPERIMENT STATION DIRECTORS**

**ALASKA
AMERICAN SAMOA
ARIZONA
CALIFORNIA
COLORADO
GUAM
HAWAII
IDAHO
MICRONESIA
MONTANA
NEVADA
NEW MEXICO
NORTHERN MARIANA ISLANDS
OREGON
UTAH
WASHINGTON
WYOMING**



**SHERATON SAN DIEGO HOTEL AND MARINA
SAN DIEGO, CA
NOVEMBER 16, 1996**

SUMMARY OF ACTIONS

1.	Approved the agenda	1
2.	Approved the minutes of the July 14-17, 1996 meeting as corrected	1
3.	Appointed H. Grant Vest (UT) as replacement for Harry Y. Yamamoto (HI) and Philip Roberts (CA-R) as replacement for Lanny J. Lund on the Research Implementation Committee (RIC).	1
4.	Approved the Treasurer's Report as circulated	2
5.	To reimburse the Treasurer's office at Montana State University \$2,500.00 per year for expenses to maintain the Western Executive Director Account and the Western Directors Special Account	2
6.	G. A. McIntyre (CO) be retained as Coordinator of the Western IPM Grants Program ..	3
7.	Approved three resolutions	5
8.	Waived the requirement that "Principal Investigator Contribution to Regional Project" forms be submitted for NRSP projects	7
9.	Adjourned the meeting.	8

TABLE OF CONTENTS

1.0	Call to Order	1
2.0	Introductions and Announcements	1
4.0	Approval of Minutes of 7/14-17/96 Meeting	1
5.0	Chair/Executive Committee Report	1
6.0	Treasurer's Report	2
7.0	CSREES Report	2
8.0	Executive Director Report	2
9.0	Status of Regional Policy Research Center Initiative	2
10.0	Status of Value-added Initiative	3
11.0	Regional Research-C/9 Status	3
12.0	IPM Coordinator	3
13.0	Fund for Rural America-Strategies for Western Region	3
14.0	Regional Image Enhancement	4
15.0	Regional Research, Extension, Teaching Integration (Ag. Literacy)	4
16.0	Future Meetings	5
16.1	Spring 1997	5
16.2	Summer 1997	5
16.3	Fall 1997	5
17.0	Resolutions	5
18.0	Other Business	7
18.1	Farm Bill	7
18.2	Global Agriculture Science and Education Priorities for America (GASEPA) ...	7
18.3	NRSP Proposal Submissions	7
19.0	Changing of the Guard	8
20.0	Adjourn Fall Meeting of WAAESD	8

INDEX OF APPENDICES

Appendix A	Agenda	9
Appendix B	Treasurer's Report	10
Appendix C	CSREES Report	12
Appendix D	Executive Director Report	20
Appendix E	Value-added Initiative	24
Appendix F	Spring 1997 Meeting	26
Appendix G	Draft Executive Summary of the NRSP-3 proposal	27

WESTERN ASSOCIATION OF AGRICULTURAL EXPERIMENT STATION DIRECTORS
San Diego, CA
November 16, 1996
MINUTES

ATTENDANCE:

ALASKA	Allen Mitchell	OREGON	L. J. (Kelvin) Koong
ARIZONA	Colin Kaltenbach		Mike Burke
CALIFORNIA	Henry J. Vaux		Sandra Helmick
COLORADO	Lee Sommers	UTAH	Paul Rasmussen
HAWAII	Charles W. Laughlin	WASHINGTON	James R. Carlson
IDAHO	Richard Heimsch		Vicki McCracken
MICRONESIA	James Simms	WYOMING	James Jacobs
MONTANA	Tom McCoy	CSREES	George Cooper
NEVADA	Ronald Pardini	EXECUTIVE DIR.	Robert Heil
NEW MEXICO	Gary Cunningham	OFFICE-EXEC. DIR.	Harriet Sykes

1.0 Call to Order

The meeting was called to order by Chair Laughlin.

2.0 Introductions and Announcements

The attendees introduced themselves.

3.0 Adoption of Agenda

The motion was made and seconded **to approve the agenda. MOTION CARRIED.**
The agenda is attached as Appendix A, p. 9.

4.0 Approval of Minutes of 7/14-17/96 Meeting

The motion was made and seconded **to approve the minutes of the July 14-17, 1996 meeting as corrected. MOTION CARRIED.** The correction is on page 7 – under the Board of Directors, Western Rural Development Center, M. Reid, CA-D (1999)

5.0 Chair/Executive Committee Report

The Executive Committee recommended as a seconded motion **to appoint H. Grant Vest (UT) as replacement for Harry Y. Yamamoto (HI) and Philip Roberts (CA-R) as replacement for Lanny J. Lund on the Research Implementation Committee (RIC). MOTION CARRIED.**

New Administrative Advisors to replace L. J. Lund are: Lee E. Sommers (CO) for W-170 “Chemistry and Bioavailability of Waste Constituents in Soils”; and G. Allen Mitchell (AK) for W-188 “Improved Characterization and Quantification of Flow and Transport Processes in Soils.”

The Executive Committee made the following ESCOP appointments: Helen F. McHugh (CO) to the ESCOP FY1999 Budget Subcommittee; James R. Carlson (WA) to the

FY1999 and FY2000 Budget Subcommittees; Ronald S. Pardini (NV) and Richard C. Heimsch (ID) to the ESCOP Strategic Planning Subcommittee.

6.0 Treasurer's Report

The Treasurer's Report was distributed. The motion was made and seconded **to approve the Treasurer's Report as circulated. MOTION CARRIED.** The Treasurer's Report is attached as Appendix B, pp. 10-11.

The motion was made and seconded **to reimburse the Treasurer's office at Montana State University \$2,500.00 per year for expenses to maintain the Western Executive Director Account and the Western Directors Special Account. MOTION CARRIED.**

7.0 CSREES Report

The CSREES Report is attached as Appendix C, pp. 12-19. Heil is to follow up on the GPRA. The way outcomes are to be measured is in doubt. CSREES is planning to provide training on how to make reports based on outcome measures. CSREES has appointed an internal implementation team to develop the regional training program.

8.0 Executive Director Report

The Executive Director Report is attached as Appendix D, pp. 20-23.

9.0 Status of Regional Policy Research Center Initiative

Cunningham reported that the new regional project W-192 "Rural Communities and Public Lands in the West: Impacts and Alternatives" is scheduled to meet in Tucson, AZ in January, 1997.

The guidelines for grants funded by the Fund for Rural America will be broad enough to encompass different size grants and offer opportunities for funding for policy centers. A pre-proposal for a policy center that will meet the guidelines for Fund for Rural America has been prepared by the participants of W-192. Amounts for the competitive grants are approximately \$1 million a year.

A key part of getting funding from the Fund for Rural America is a clear clean mechanism for getting stakeholder and user input into the program. CARET representatives from the Western Region have been involved in the development of the pre-proposal. People from the private sector can be identified in the proposal as consultants.

The Director of the proposed Public Policy would be selected competitively, in a similar manner to the way the SARE and IPM Directors were selected.

10.0 Status of Value-added Initiative

Carlson presented information on a Value-added Initiative, attached as Appendix E, pp. 24-25.

11.0 Regional Research-C/9 Status

Heil reported that CSREES has appointed a Task Force, to be chaired by Colien Hefferan, to evaluate and make recommendations for a structure to replace the Committee of Nine. The first meeting of the group is yet to be scheduled.

Cooper reported that the task force was composed of: C. Hefferan (Chair), G. Cooper, R. D. Heil, L. Luft, J. A. Stewart, D. Vanderholm, I. Sewell, P. Benepal, and R. C. Heimsch. Topics that the task force will consider are: policy issues, regional research portfolio, whether to establish a sunset clause for projects, rapid response issues, how to go beyond traditional regional boundaries, how to measure impacts, and how to improve brokering with other agencies.

12.0 IPM Coordinator

Laughlin reported that McIntyre is planning to retire from Colorado State University, but has requested that he be allowed to continue for two years (FY98 and FY99) as the Western IPM Coordinator. The Executive Committee presented as a seconded motion **that G. A. McIntyre (CO) be retained as Coordinator of the Western IPM Grants Program for FY98 and FY99. MOTION CARRIED.**

13.0 Fund for Rural America-Strategies for Western Region

Cunningham presented thoughts about strategies for the Western Region. A regional policy center, a value-added task force, regional kinds of activities - there will be combinations of large projects, small projects, and planning grants.

Cooper reported that four concept areas will probably be funded: (1) environment (2) international competitiveness (3) value-added (4) animal agriculture. There will be a focus on transfer and utilization of existing knowledge, putting existing knowledge to work for rural communities, agricultural industry. The initial language said research, but the CSREES interpretation is for research and education. Customers are to be involved in the planning, transfer and utilization of knowledge. Linking implementation strategies over a time frame of three to five years are ideas for grants. The grants may have a requirement for matching funds. A strong multi-state proposal that has a regional focus will be weighed. There are political realities to be dealt with.

Rasmussen suggested use of Experiment Station and Extension formula funds to develop a program for the West.

Cunningham commented that the DOE has a Western regional biomass program and are ready to put out an RFP for a manager from the Western Region. It is currently being run

by the Western Area Power Administration. Combining resources with the DOE could be a means to enhance a program.

Environmental issues, water quantity-quality-management, biomass, transition employment issues, and pest management strategies, are items that states may want to look at in development of proposals.

Heil suggested that the region consider having a regional symposium to exchange information and gain visibility. It could be handled as a trade show. The value-added group could do it and have already been considering having a trade show.

14.0 Regional Image Enhancement

Heil reported that the Experiment Station Directors, Extension Directors and Administrative Heads had approved the concept of developing a regional effort to put together impact statements to parallel the national ECOP/ESCOP effort. There has been little input on how to structure the program. The agricultural communicators need to be involved in the project. The North Central Region has approved the concept and the Southern and Northeastern regions will deal with the issue in the Spring of 1997.

The Western Executive Director's Office will develop a form to go to all Administrative Advisors of regional projects for them to use in reporting accomplishments. Many directors use annual progress reports as a basis for their accomplishment reports.

Cooper commented that using the GPRA reporting format could be used for accomplishments reporting to simplify efforts. One of the problems is that it is difficult to know what to report until the GPRA identifies the topics on which it will require reports.

Since both scientists and legislators use CRIS information, Kaltenbach reported that a lay summary may be incorporated into the AD-421 report.

Vaux commented that "Image Enhancement" is a misnomer. Using a title such as "Impact Assessment" might be more appropriate.

15.0 Regional Research, Extension, Teaching Integration (Ag. Literacy)

RIC has attempted to bring Extension and Research together on some of the coordinating committees. The feeling was that there was not a complete buy in by Extension. There is considerable participation by Extension, not completely accepted, because Extension was being brought into an existing Research structure. A committee was appointed to explore a different structure to integrate academic programs, extension and international programs using agricultural literacy as an example: Vicki McCracken for Research, Rolin Abernathy for Academic Programs, Elwood Miller for Extension and Jan Noel for International Programs will develop a pilot program to consider the restructure of Western Coordinating Committees. If a project integrates research, academic programs and extension, do we have the right expertise on RIC or do we need another evaluation mechanism?

16.0 Future Meetings

16.1 Spring 1997

Vaux distributed information regarding the Spring 1997 Meeting, attached as Appendix F, p. 26. The Western Directors will meet on March 12-14, 1997 at the Sheraton Hotel in Napa, CA.

16.2 Summer 1997

The 1997 Joint Summer Meeting will be held at the Astin Wailea Resort, Kihei, Maui, HI July 13-16, 1997.

16.3 Fall 1997

The Fall 1997 meeting will be held in concert with the NASULGC Meeting, November 16-18, 1997 in Washington, DC.

17.0 Resolutions

The motion was made, seconded and **UNANIMOUSLY CARRIED to approve the following resolutions:**

#1

WHEREAS, Dr. Charles W. Laughlin has committed his time and energy toward ably serving as Chair of the Western Association of Agricultural Experiment Station Directors from November 1995 to November 1996, and

WHEREAS, Dr. Laughlin continued to serve as a member while making the transition from his position as Director of the Colorado State University Agricultural Experiment Station to Dean of the College of Tropical Agriculture and Human Resources at the University of Hawaii, now therefore be it

RESOLVED, that the Western Association of Agricultural Experiment Station Directors at their fall meeting in San Diego, CA on November 16, 1996 express sincere appreciation to Dr. Laughlin for ably serving as Chair of the Association, and be it further

RESOLVED, that a copy of this resolution be sent to Dr. Laughlin and be made a permanent record of this meeting.

#2

WHEREAS, Dr. Lanny Lund has served the Western Association of Agricultural Experiment Stations Directors as a creative, dedicated and effective member of the Research Implementation Committee, and

WHEREAS, Dr. Lund has served as an outstanding Administrative Advisor to several regional research projects, and

WHEREAS, Dr. Lund has contributed in numerous ways to the overall goals of the Western Association of Agricultural Experiment Station Directors, and

WHEREAS, Dr. Lund has decided to relinquish his duties as Associate Director of the Agricultural Experiment Station at the University of California - Riverside, now therefore be it

RESOLVED, that the Western Association of Agricultural Experiment Station Directors at their fall meeting in San Diego, California on November 16, 1996 express sincere appreciation to Dr. Lund for the many contributions he has made to enhance the goals of the Association, extend warm and best wishes for success in his future endeavors, and be it further

RESOLVED, that a copy of this resolution be sent to Dr. Lund and the Dean of the College of Agriculture at the University of California - Riverside, and a copy be made a permanent part of the record of this meeting.

#3

WHEREAS, Dr. Harry Yamamoto has served as an active and dedicated member of the Western Association of Agricultural Experiment Station Directors, and

WHEREAS, Dr. Yamamoto has served as an effective contributor to the Research Implementation Committee, and

WHEREAS, Dr. Yamamoto contributed to the development of a value-added initiative for the Western Region, and

WHEREAS, Dr. Yamamoto has decided to relinquish his duties as Associate Director of the Agricultural Experiment Station at the University of Hawaii and return to his love for conducting research, not be it

RESOLVED, that the Western Association of Agricultural Experiment Station Directors at their fall meeting in San Diego, CA on November 16, 1996, express sincere appreciation to Dr. Yamamoto for the contribution he has made on behalf of the Association and wish him well in his research program, now be it further

RESOLVED, that a copy of this resolution be sent to Dr. Yamamoto and to the Dean of the College of Agriculture and Human Resources at the University of Hawaii and become a part of the record of this meeting.

18.0 Other Business

18.1 Farm Bill

The Research and Education Title of the Farm Bill will be rewritten in the Spring of 1997. The best way to handle it is via a system wide approach. A group is scheduled to meet in December to rewrite the current legislation. The Chairs of the Sections and the Chairs of the Budget and Legislative Subcommittees will participate. An initial draft document will be available via a web page in January.

Kaltenbach commented that it is critical that we find a way to change how we handle formula funds, based on conversations with staffers. If a pro-active stance is taken to agree to make changes, the impacts can be minimized. The thought is that we might need to commit 60 percent of formula funds to the five GPRA priority areas. There are two issues: more multi-state projects and competitiveness. How formula funds are handled, rather than the actual formula, will probably be changed.

18.2 Global Agriculture Science and Education Priorities for America (GASEPA)

Rasmussen reported that there is another initiative "Global Agriculture Science and Education Priorities for America." Information on the GREAN Initiative and the GATT Initiative have been brought to previous meetings by the International Programs group. The GASEPA group has taken the five areas from the REE Strategic Plan and are asking for funding with the global marketplace as an issue. They think that International Programs should be embedded into the fabric of the tripartite mission of the land-grant system and are asking for support from the land-grant system for this type of initiative.

There is concern that many independent initiatives are being proposed. Groups should consider merging initiatives so that each group does not compete for the limited pool of funds.

18.3 NRSP Proposal Submissions

Sommers asked for the Directors to consider adding participants from their states for NRSP-3. He distributed the draft Executive Summary of the NRSP-3 proposal, attached as Appendix G, pp. 27-29. A brochure titled "NADP/NTN Wet Deposition in the United States 1995" was also distributed. The question was raised regarding the need for submission of Appendix D forms "Principal Investigator Contribution to Regional Project." Many of the participants are outside of the Western Region and also outside the SAES system. Carlson, as Administrative Advisor of NRSP-5, expressed the same concern. The motion was made and seconded **to waive the requirement to submit "Principal Investigator Contribution to Regional Project" forms and defer to the national format for NRSP project outlines. MOTION CARRIED.**

Sommers is concerned that CSREES is planning to assess the pass-through funds from other agencies for NRSP-3 at a rate of eight percent. This rate is higher than that assessed for the NRI. Cooper indicated that it might be negotiated at a lower rate.

19.0 Changing of the Guard

Laughlin turned the responsibilities as Chair of the Association to Pardini. Pardini presented the gavel to Laughlin as a token for his service and contributions as 1996 Chair.

20.0 Adjourn Fall Meeting of WAAESD

The motion was made, seconded and **UNANIMOUSLY CARRIED** to adjourn the meeting.

AGENDA
WESTERN ASSOCIATION OF AGRICULTURAL EXPERIMENT STATION DIRECTORS
SHERATON SAN DIEGO HOTEL and MARINA
San Diego, CA
Saturday, November 16, 1996
1:00 - 6:00 p.m.

1:00 - 1:40 p.m. Executive Committee Meeting

1:45	1.0	Call to Order	C. W. Laughlin
	2.0	Introduction & Announcements	C. W. Laughlin
	3.0	Adoption of Agenda	C. W. Laughlin
	4.0	Approval of Minutes-7/14-17/96 Meeting	C. W. Laughlin
	5.0	Chair/Executive Committee Report	C. W. Laughlin
2:00	6.0	Treasurer's Report	T. J. McCoy
2:10	7.0	CSREES Report	E. M. Wilson
2:30	8.0	Executive Director Report	R. D. Heil
3:00	9.0	Status of Regional Policy Research Center Initiative	G. L. Cunningham
3:10	10.0	Status of Value-added Initiative	J. R. Carlson
3:20	11.0	Regional Research-C/9 Status	C. W. Laughlin/R. D. Heil
3:30		BREAK	
3:45	12.0	IPM Coordinator	C. W. Laughlin
4:00	13.0	Fund for Rural America-Strategies for Western Region	C. W. Laughlin
5:00	14.0	Regional Image Enhancement	C. W. Laughlin/R. D. Heil
5:10	15.0	Regional Research, Extension, Teaching Integration (Ag. Literacy)	V. McCracken
5:20	16.0	Future Meetings	
	16.1	Spring-1997	H. Vaux
	16.2	Summer-1997	C. W. Laughlin
	16.3	Fall-1997	
5:30	17.0	Resolutions	A. Mitchell/G. Vest
5:40	18.0	Other Business	C. W. Laughlin
5:55	19.0	Changing of the Guard	C. W. Laughlin/R. S. Pardini

WESTERN DIRECTOR AT LARGE ACCOUNT
FINANCIAL REPORT
FY 1997

ASSESSMENTS

12-Nov-96

Item	Assessment	Payment	Balance due
AM.SAMOA	\$ 600.00	\$ 0.00	\$ 600.00
MICRONESIA	600.00	600.00	0.00
NORTHERN MARIANAS	600.00	0.00	600.00
ALASKA	7,054.71	7,054.71	(0.00)
ARIZONA	12,161.39	12,161.39	(0.00)
CALIFORNIA	18,845.73	18,845.73	(0.00)
COLORADO	14,976.42	14,976.42	0.00
Actual payment was \$8,515.74 (rent deducted)			
GUAM	6,883.50	6,883.50	0.00
HAWAII	9,057.17	9,057.17	0.00
IDAHO	10,828.89	10,828.89	0.00
MONTANA	11,424.40	11,424.40	0.00
NEVADA	8,908.30	8,908.30	(0.00)
NEW MEXICO	9,213.52	9,213.52	(0.00)
OREGON	13,739.56	13,739.56	(0.00)
UTAH	12,361.01	0.00	12,361.01
WASHINGTON	18,427.03	0.00	18,427.03
WYOMING	10,300.37	10,300.37	(0.00)
SUB TOTAL	165,981.99	133,993.96	31,988.04
COLORADO RENT	(7,800.00)	(7,800.00)	
Total	\$ 158,181.99	\$ 126,193.96	\$ 31,988.04

INCOME AND EXPENSES

Date	Transaction	Income	Expense	Balance
07/01/96	June 30, 1996	\$	\$	\$ 43,518.78
YTD	FY 1996 Assessments Received	126,193.96		169,712.74
01-Jul-96	Adjustment from FY96 to balance with Univ reports		0.01	169,712.73
01-Jul-96	Montana AES for accounting expenses		1,500.00	168,212.73
23-Jul-96	Transfer of funds to CSU-Jul-Sept		14,500.00	153,712.73
07-Aug-96	University of Wyoming - Heil Salary/Benefit Apr-June 96		30,402.18	123,310.55
23-Sep-96	Transfer of funds to CSU-Oct-Dec		14,500.00	108,810.55
22-Oct-96	University of Wyoming - Heil Salary/Benefit Jul-Sept 96		30,464.43	78,346.12
08/31/96	July Interest	199.12		78,545.24
09/30/96	August Interest	103.93		78,649.17
10/31/96	September Interest	10.06		78,659.23
Total		\$ 126,507.07	\$ 91,366.62	\$ 78,659.23

WESTERN DIRECTORS' SPECIAL ACCOUNT
FINANCIAL STATEMENT
FY1997

A S S E S S M E N T S

12-Nov-96

Item	Assessment	Payment	Balance Due
ALASKA	\$ 310.79	\$ 310.79	\$ 0.00
ARIZONA	535.77	535.77	(0.00)
CALIFORNIA	830.24	830.24	0.00
COLORADO	659.78	659.78	0.00
GUAM	303.25	303.25	0.00
HAWAII	399.01	399.01	0.00
IDAHO	477.06	477.06	0.00
MONTANA	503.30	503.30	(0.00)
NEVADA	392.45	392.45	0.00
NEW MEXICO	405.90	405.90	(0.00)
OREGON	605.29	605.29	0.00
UTAH	544.56	0.00	544.56
WASHINGTON	811.80	0.00	811.80
WYOMING	453.78	453.78	(0.00)
Total	\$ 7,232.99	\$ 5,876.62	\$ 1,356.37

I N C O M E A N D E X P E N S E S

Date	Transaction	Income	Expense	Balance
07/01/96	June 30, 1996 Balance	\$	\$	\$ 19,623.69
YTD	FY1996 Assessments Received	5,876.62		25,500.31
08/14/96	Kaltenbach-ESCOP/ ECOP Bar Harbor ME		1,787.40	23,712.91
08/14/96	Rasmussen-ESCOP/ ECOP Bar Harbor ME		1,842.76	21,870.15
10/14/96	Kaltenbach- USDA/CSREES Washington D.C. (Partnership Office)		777.35	21,092.80
10/22/96	Rasmussen-ECOP Leadership Mtg Washington D.C.		821.44	20,271.36
10/22/96	Rasmussen-Nat'l Synthesis Conf Washington D.C.		1,078.57	19,192.79
08/31/96	July Interest	88.25		19,281.04
09/30/96	August Interest	90.31		19,371.35
10/30/96	September Interest	65.53		19,436.88
Total		\$ 6,120.71	\$ 6,307.52	\$ 19,436.88

Western Region Experiment Station Directors' Agenda Brief**Meeting Date: November 16, 1996****Agenda Item: #7****Presenter: Ted Wilson****Agenda Item: NAREEE Advisory Board**

The National Agricultural Research, Extension, Education, and Economics Advisory Board held its first meeting September 16-18, 1996. FAIR Act of 1996 authorized establishment of the 30-member Advisory Board. Victor Lechtenberg, Purdue University, was elected Chair and Daniel Dooley, California farmer, as Vice Chair of the Executive Committee. Other members of the Executive Committee are: Zerle Carpenter, Texas A&M; Hector Garza, American Council on Education, Maryland; Tom Lyon, Cooperative Resource International, Wisconsin; Ralph Paige, Federation of Southern Cooperatives, Georgia; Barbara Scheeman, University of California, Davis; and Barbara Stowe, Kansas State University. The Under Secretary, REE, will serve as an ex-officio member. Deborah Hanfman, REE, serves as the Executive Director.

The three major agenda items for the September meeting of the Advisory Board were:

(1) Strategic Planning Task Force for Agricultural Research Facilities, (2) Draft REE Strategic Plan, and (3) Fund for Rural America.

By November 10, 1996, the Advisory Board will recommend to the Secretary approximately 45 nominees for the Strategic Planning Task Force from which the Secretary will make his appointments. The Advisory Board recommended that Federal employees, university partners, and the private sector be represented on the Task Force.

The Advisory Board agreed with the mission, vision, functions, and outcomes of the REE Strategic Plan and asked for a review of implementation and performance elements at the next meeting. Stakeholders will be invited to a session the day before the next Advisory Board meeting to review the performance elements and implementation of the Draft REE Strategic Plan. A subcommittee for strategic assessment and review will be appointed to plan the session. The Advisory Board recommended that the REE Strategic Plan and the agricultural research facilities review be closely linked.

The Advisory Board asked to be given the opportunity to review the program and priorities for the Fund for Rural America prior to completion of the request for proposals. The Board also asked that they be provide a summary of the portfolio of projects related to specific priorities of the program so they can review and assess the relevance of the portfolio before grants are awarded. The Advisory Board noted that the development of people is critical to successful rural development and encouraged the Secretary to use the "discretionary portion" of the Fund to expand the leadership capability of local people, thereby leveraging the fund and increasing the probability that the rural development projects will succeed.

I:\WDCAdvBd.030

Meeting Date: November 16, 1996
Agenda Item # 7.0

Presenter: Ted Wilson

Agenda Title: News from the National Research Initiative

The National Research Initiative Competitive Grants Program (NRI) has completed its 1996 review cycle resulting in more than 700 grants out of over 3,000 proposals received.

The 1997 appropriation for the NRI has been signed and contains a 2.6% reduction from 1996; this is the third consecutive year the NRI appropriation has been cut. Support from our partners did result avoiding an earmark of NRI funds for corn genome mapping, as proposed in Senate committee language.

Most of the cut in 1997 funds was to reappropriate funds from the NRI to the US-Israeli Binational Agriculture Research and Development (BARD) program as a special grant. This reappropriation reflects a similar transfer of 1996 NRI funds to the BARD program in mid-year, at the direction of the Department. This mid-year transfer resulted in a cessation in processing NRI awards from late-May until late-July while procedures for accomplishing the ensuing reduction in NRI funds were negotiated. The final arrangement was to reduce every NRI award for 1996 by 2.6%. Because of the delay caused by this mid-year reduction in funds, processing of NRI awards have been substantially delayed. The majority of the awards have now been made and all awards are expected to be made by December 15. Consequently, release of the FY 1996 Abstracts of Funded Research book will also be substantially delayed.

The 1997 NRICGP Program Description was released on September 30. There are two substantial changes: 1) the Assessing Pest Control Strategies and Biological Control Research programs have been merged into a new Biologically Based Pest Management program that encompasses the same areas of science as its predecessors and 2) a competition for the Water Resources Assessment and Protection program will not be held in 1997. The reason for the latter change is that the reduction in funds in the 1996 budget resulted in a 6% success rate for the program and no new funds are available in 1997. It is anticipated, subject to availability of funds, that competition for the Water Resources Assessment and Protection program will resume in 1998.

The NRICGP Application Kit is now available on the NRI home page, including the forms as downloadable files. This document, the 1997 NRI Program Description, and other documents on the NRI home page can be accessed through the CSREES home page at www.reeusda.gov.

The NRI is pleased to announce that Dr. Ronald L. Phillips started a two year term as NRI Chief Scientist in April 1996. Dr. Phillips is Regents' Professor and Director of the Plant Molecular Genetics Institute at the University of Minnesota and a member of the National Academy of Sciences.

CSREES is pleased to announce the appointment of Dr. Sarah J. Rockey to the position of Deputy

Administrator for the Competitive Research Grants and Awards Management (CRGAM) division of CSREES, of which the NRI is a part. Dr. Rockey has previously served as Program and Division Director in the NRI and as Acting Deputy Administrator for CRGAM.

The NRI participated in the four-agency program NSF/DOE/NASA/USDA Joint Program on Terrestrial Ecology and Global Change (TECO). Fifteen grants for research of national and global importance in the broad area of global change were made by this joint program.

The NRI continues to strive to fund the highest quality science that will provide the knowledge base necessary to solve today's and future agricultural problems, and to encourage the most talented scientists to pursue research in agriculture.

Western Region Experiment Station Directors' Agenda Brief

Meeting Date: November 16, 1996

Agenda Item: 7.0

Presenter: Ted Wilson

Agenda Title: National Sheep Industry Improvement Center and Sheep Referendum

The 1996 Farm Bill authorizes the Secretary to establish a National Sheep Industry Improvement Center and a Board of Directors to manage and oversee the Center's activities, including the \$20-50 million funding. The Center shall (1) promote strategic development activities and collaborative efforts by private and state entities to maximize the impact of Federal assistance to strengthen and enhance production and marketing of sheep or goat products in the United States; (2) optimize the use of available human capital and resources within the sheep or goat industries; (3) provide assistance to meet the needs of the sheep or goat industry for infrastructure development, business development, production, resource development, and market and environmental research; (4) advance activities that empower and build the capacity of the United States sheep or goat industry to design unique responses to special needs of the sheep or goat industries on both a regional and national basis; and (5) adopt flexible and innovative approaches to solving the long-term needs of the United States sheep or goat industry.

Mandatory funding (\$20 million) is available from the U.S. Treasury. The remaining authorized funding up to an additional \$30 million would be provided through the normal appropriation process. The funding will be administered by USDA, Rural Business-Cooperative Service.

Nominations for the Board of Directors have been solicited by the Secretary of Agriculture. It is envisioned that the Board will be named soon and will meet in early 1997. The Board will be composed of 7 voting members, 4 active producers of sheep or goats in the United States, 2 with expertise in finance and management, and 1 with expertise in lamb, wool, goat or goat product marketing. The Board will include 2 non-voting members, the Under Secretary of Agriculture for Rural, Economic, and Community Development, and the Under Secretary of Agriculture for Research, Education, and Economics.

The Sheep Referendum was conducted October 1, 1996, by County Cooperative Extension Service Offices throughout the country. The Referendum is now being audited and the vote count should be announced during the latter part of November. If passed, a nationwide program will go into effect to collect assessments from the sheep and wool industry to carry out research and promotion activities to benefit the industry. According to the Act, the goals are:

- (1) strengthen the position of the sheep and sheep products industry in the marketplace;
- (2) maintain and expand existing domestic and foreign markets and uses for sheep and sheep products; and
- (3) develop new markets and uses for sheep and sheep products. It is estimated that the check-off program will generate about \$13 million dollars per year.

Western Region Experiment Station Directors' Agenda Brief**Meeting Date: November 16, 1996****Agenda Item: #7****Presenter: Ted Wilson****Agenda Item: PAPPP Personnel Update**

1. **Dr. Robin Huettel, Plant Pathologist has accepted a National Program Leader position with CSREES and will be starting December 1st.**

Dr. Huettel comes to us from the Animal and Plant Health Inspection Service where she was Chief Operation Officer for Methods Development/Biocontrol Operation Laboratories.

2. **November 1, Dr. Gerrit W. Cuperus, Regent Professor of Entomology, Oklahoma State University began an IPA assignment as USDA IPM Coordinator. Dr. Cuperus' office is located in PAPPP and will be working closely with our staff on IPM and related issues.**
3. **We are in the process of interviewing candidates to fill an Entomology position. Selection is expected soon.**
4. **A search is underway for a National Program Leader for Biochemistry/Environmental Toxicology, who will also give leadership to the Pest Management Decision Support System effort. The closing date for this position was October 28, 1996.**

Western Directors Meeting: AGENDA BRIEF

Meeting Date: November 16, 1996

Agenda Item:

Presenter: Ted Wilson

Agenda Title: CSREES Update: Natural Resources and Environment Unit

Background Information: Conservation Title of the 1996 Farm Bill: The NRE Unit is heavily involved with implementation of the Conservation Title of the new Farm Bill. We are participating and providing input to a Departmental committee that is developing the USDA communications strategic plan for the Title. This effort will result in a single, consistent package of information coming out of the Department, and will clearly explain the roles and responsibilities of the various USDA agencies that are involved.

CRP: Also, during the week of October 28, 5 economists from land-grant universities convened at CSREES in Washington to develop work sheets for state and local colleagues to use in assisting farmers and landowners with Conservation Reserve Program (CRP) decisions. We hope to begin distributing these worksheets before the end of November.

FRAC: NRE co-chairs the Forestry Research Advisory Council (FRAC) along with the Research Division of the Forest Service. The FRAC met last May and submitted their recommendations to the Secretary of Agriculture in July. We are currently reviewing the nominations of proposed new members for the FRAC.

Partnering: As this was being written, final plans were being put in place for a meeting of natural resources community representatives with Bob Robinson, the Administrator of CSREES, to take place November 7, 1996. The Wildlife Management Institute, the Natural Resources Council of America, the International Association of Fish and Wildlife Agencies, the National Association of Universities with Fish and Wildlife Programs, the Natural Resources Division of the National Research Initiative (CSREES), and others were expected to attend. The purpose was to provide a broad briefing for the CSREES Administrator, and to hear his views on such subjects as the Fund for Rural America, and the reauthorization of the Research Title of the Farm Bill.

Personnel: NRE hired Dr. Sharon Friedman, a forest geneticist, to serve as the National Program Leader for Forestry Biology. Dr. Friedman comes to us from the Forest Service headquarters here in Washington where she has served as a research coordinator since 1991. Her previous experience includes directing the genetics laboratory at Eldorado National Forest, and serving as area geneticist for the Ochoco, Deschutes, Fremont, and Winema National Forests. Dr. Friedman did her undergraduate work at the University of California Berkeley, and has an M.S.F. from Yale (forest biology), with her Ph.D. from the University of New Hampshire (genetics).

Action Requested:

Action Taken:

**Western Region Experiment Station Directors Agenda Brief
November 16, 1996**

Agenda Item: 7.0

Presenter: Ted Wilson

Agenda Item: National IPM Initiative

- **The CSREES budget for the IPM Initiative remained level in FY 1997: IPM research=\$2.7 million; IPM extension=\$10.8 million; Pest Management Alternatives Program (Emerging Pest and Disease Issues)=\$1.6 million; Pest Management Information/Decision Support System=\$177,000. Funding for IPM-related programs: IR-4=\$5.7 million; NAPIAP research=\$1.3 million; NAPIAP extension=\$3.2 million; Pesticide Applicator Training=\$2.1 million (EPA pass-through); Sustainable Agriculture research=\$8.0 million; Sustainable Agriculture extension=\$3.3 million; Water Quality=\$10.7 million.**
- **IPM remains a major emphasis in the USDA budget for FY 1998, with strong support from Deputy Secretary Rominger, Under Secretary Woteki, and CSREES Administrator Robinson. The land-grant system's past and future role in getting IPM implemented is acknowledged as is viewed as a success story at USDA.**
- **Dr. Gerrit Cuperus, Professor of Entomology at Oklahoma State University, will serve as USDA IPM Coordinator until September 30, 1997. Gerrit has been Oklahoma State University's IPM Coordinator since 1982. He brings a practical hands-on knowledge of a number of agricultural production systems, IPM, and ICM. He has also been actively involved in IPM-related issues/programs like water quality, sustainable agriculture, and food safety. He is a member of the ECOP IPM Task Force and has been actively involved in the development of the National IPM Initiative.**
- **The Regional IPM Grants Program will continue to fund research-only and joint research-extension projects in FY 1997. In addition, a new funding category for extension-only projects will be offered in FY 1997. In FY 1996, a total of 90 research-only proposals were received, and 30 projects (33%) totaling \$2,078,979 were funded; and a total of 37 research-extension proposals were received, and 13 projects (35%) totaling \$905,071 were funded. It is anticipated that the deadline for submission of FY 1997 proposals will be the end of January, and awards made in May 1997.**
- **The Pest Management Alternatives Program will provide competitive grants to address pest control problems with few or no alternatives to pesticides that may be lost due to regulatory action or pest resistance. In FY 1996, a total of 41 grant proposals were received, and 17 (41%) projects totaling \$1,502,518 were funded. It is anticipated that the deadline for submission of FY 1997 proposals will be the end of January, and awards made in mid-May 1997.**
- **The Pest Management Information/Decision Support System (PMIDSS) is being pilot tested and will be used interactively with state NAPIAP liaisons and state IPM coordinators to identify crop-pest combinations for which farmers have no viable alternative controls. PMIDSS was used to identify priorities for the FY 1997 request for proposals for the Pest Management Alternatives Program.**

Western Region Experiment Station Directors' Agenda Brief**Meeting Date: November 16, 1996****Agenda Item: 7.0****Presenter: Ted Wilson****Agenda Title: Sustainable Development**

On September 13, 1996, Secretary Glickman signed Secretary's Memorandum 9500-6 Sustainable Development. The purpose of the memorandum is to state the Department's support for policies, programs, activities, and education in sustainable development, including sustainable agriculture, sustainable forestry and sustainable rural community development, and to establish a mechanism to coordinate their efforts across the Department. USDA will balance goals of improved production and profitability, stewardship of the natural resource base and ecological systems, and enhancement of the vitality of rural communities. The memorandum establishes the position of Director of Sustainable Development in the Office of and reporting to the Chief Economist, establishes the USDA Council on Sustainable Development to be chaired by the Director with membership consisting of Under Secretaries, Assistant Secretaries and agency administrators, and outline responsibilities of USDA officials.

Agenda Title: USDA New Uses Coordinating Council

A Decision Memorandum signed by Secretary Glickman on September 13, 1995, establishes a USDA New Uses Coordinating Council and calls for hosting a conference on procurement of value-added industrial products from agricultural materials. The Coordinating Council met for the first time on October 29, 1996, and is charged with meeting on a regular basis to share information, implementing strategic planning, and providing policy advice to the Secretary. In addition to the procurement conference, the Coordinating Council is considering the proper role for the public sector; a rapid response group for internal/external requests for information; revising Departmental Regulation 9600-2, Industrial Products from Agricultural Materials; preparing a USDA new uses information/promotional document; changing the council's name, and preparing a budget initiative which may be zero-sum and prioritize program needs.

WDA AGENDA BRIEF

Meeting Date: November 16, 1996

Agenda Item: 8.0

Presenter: R. D. Heil

Agenda Item Title: Executive Director Report

Background Information:

Activities for the Period July - November - 1996

- Executive Vice Chair of ESCOP – this activity is requiring about 40 percent of my time.
- Board of Directors - ARI. Participated as moderator of a session at ARI Annual Meeting. The format for this year's annual meeting was different than in past years. A series of formal presentations related to agricultural research issues were followed by "Breakout Group" discussions to address these issues. Results of these discussions will be forthcoming in the Annual Meeting Report.
- Board on Agriculture Futuring Activity - Served as recorder for one of the discussion groups at the Synthesis Conference held October 8-10 in Washington, DC; and served on the "Drafting Committee" for the "Action Plan" being developed. Action Plan is now at printers.
- Attended annual meeting of W-185 in Bozeman, MT, substituting for C. W. Laughlin.
- Served on a "Sustainable Agriculture" panel at Colorado State University designed for Cooperative Extension personnel related to the Western Regional SARE program.
- Participated in the ESCOP/ACOP Leadership Development Workshop in Indianapolis - September 13-20. This program appears to be strengthening with each passing year. Representation from the Western Region is not quite at the level of other regions - but is strong. The Southern Region continues to lead in participation.
- Travel during this period has been extensive. Was out of the office for 28 days on travel status.
- Shared with Western AES, ES and AP Directors information regarding Fund for Rural America that was presented by Colien Hefferan at the ARI Annual Meeting.

Ongoing and Future Activities

- Will continue to work with the ESCOP/ECOP Image Enhancement Committee in the development of procedures for regionalizing a combined AES, ES and AP "Accomplishments and Impact" effort. Will prepare by Spring Meeting a "Draft" of a proposal for a Western Regional "Impact" Committee.
- Working with the other ED's in revising the Experiment Station Section and ESCOP "Rules of Operation." A draft has been developed and will be shared at the ESS Meeting.
- Working with other ED's to develop guidelines for electronic publication of "Regional Publications." Will have a "draft" of a proposal for consideration at the Spring Meeting.
- Working with other ED's to classify research by RPA within the framework of the five goals of the REE/USDA Strategic Plan. The purpose of this is to assist the GPRA process for linking our research efforts with outcomes as required by GPRA. "Pilot" analyses on a regional and state basis using this approach are being made to assess usefulness. My plan is

to assemble this information for the total region and then for our regional research projects make it a part of our regional research portfolio for planning purposes and for eventually responding to GPRA.

- Working with other ED's to determine how we might standardize nomenclature across regions relative to types of projects.
- Will continue as Executive Vice Chair of ESCOP for another year to assist Colin Kaltenbach as Chair of ESCOP.
- Will participate on a Task Force to determine the Committee of Nine replacement. Dick Heimsch from our region is also serving on this Task Force. Your input to Dick and me relative to this activity is needed.
- Will continue to assist the "Value-Added" effort in anyway I can. I recommend we consider a "regional" proposal be developed to seek support from the "Fund for Rural America." Value-added was identified by our customers as part of the BOA Futuring Activity as a high priority for the LGU's to address.
- Continue to serve on the SARE Administrative Council.
- Continue to serve on the P-BAG Administrative Council. Dr. Vic Phillips, University of Hawaii, who served as P-BAG Program Director for many years, has left the position.
- Served as coordinating assembler and distributor of the ESCOP analysis of the NRC Report.

Other Items

- Within the office, we again are having to make a change in support personnel. Anna Maria, student employee, has received a GRA and will no longer be with us after the holiday break.
- Your continued support in meeting project deadlines, etc., is greatly appreciated.

Action Requested:

For information only.

Action Taken:

ESCOP/ACOP Leadership Development

Most of you have had or are now having folks participate in the ESCOP/ACOP Leadership Development Program. The following is a summary of a presentation given by Carole Leland on leadership at the opening of the Class VI workshop in Indianapolis in September of this year. I share this to provide a flavor for what your folks are experiencing as part of this program.

My plan is to begin providing to you at each meeting a summary of one of the segments of their program. Hope you will find these useful.

Summary of Presentation by
Carole Leland
Senior Associate, Triangle Associates
Center for Creative Leadership

Leadership: Has three components, namely: **Context, Purpose, Process**

Context:

What does my situation call for from me? We live in an environment in which the whole context of change is accumulative. Communications have given us access to a world we never thought we would see. Rapid and substantive change is a part of our daily lives. There is an increase in diversity of views. Future itself is less and less predictable.

We are seeing a major shift in the leadership paradigm from:

Current leadership paradigm

- provide vision
- provide answers
- individuality
- great leader
- goal achievement
- position focus – authority
- competition
- hierarchical relationships

To

New Shared Leadership Paradigm

- facilitator of shared sense of purpose
- shapes the learning in an organization
- develop leadership capacity of all in an organization
- identify and define situation – focus
- collaboration
- linkages – reaching out
- fostering individual responsibility

Purpose

What is my purpose? Establishing a firm sense of identity. Knowing who one is and is not. Capacity to listen solidifies one's ability to determine purpose. What is my job? See our own role. Rethink our responsibilities in terms of our own life. Contemporary society is built on the idea that our society is built on jobs. Unless we rethink work, we will never have enough jobs. There is a lot to do here.

Leadership is different from managers.

Managers – deal with complexity of day to day operations; focus on strategic plans; create a network of people to get job done; tend to get job done by supervising; keep hands on day-to-day process; execute the plans.

Leadership – is about absorbing, creating, responding to change, deal with change. Also needs networks, but for different purpose – for building coalitions for achieving change. More concerned with inspiring, motivating people, and aligning people. Recognize they are accountable to someone larger than themselves.

Process

Context and purpose are brought together in process of leadership. Great leadership is working with and through other people. The real connectiveness is reaching out to the peripheral of our vision. Connect with customers. Leadership is a process that engages everyone and places responsibility on our individual selves.

Next meeting – want to share the segment on Peer Evaluation and Coaching as a method to improve productivity, communication and self-growth in the workplace.

VALUE-ADDED TASK FORCE

The Value-Added Task Force held its initial teleconference on November 13 with all eight members present. We had an excellent discussion of the objectives of the task force and the possible scope of its activities. It was clear from the discussion that many value-added initiatives are in place at different institutions. It was not clear which were successful and might become models for other universities or for multi-university efforts.

We agreed that our task force needs to incorporate private sector expertise from the beginning and that we should be inclusive in our approach -- looking at USDA labs, the National Research Initiative, ongoing regional projects or working models from outside the region.

The Task Force agreed that our next step was to adopt a brief "Situation Analysis" on value-added activities in the western region. Each member would report on his or her state and volunteers offered to get information from states not represented on the task force. It was agreed that these reports would be submitted by December 15, 1996 and then compiled into a single document as a basis for further planning.

Connie Falk (NMSU) is setting up a listserv to facilitate communication within the task force.

Des O'Rourke
Chair
November 14, 1996

VALUE-ADDED TASK FORCE

Desmond O'Rourke
IMPACT Center, WSU
PO Box 646214
Pullman, WA 99164-6214
509-335-6653
FAX: 509-335-3958
orourked@wsu.edu

Duane Johnson
Soil & Crop Sciences
Colorado State University
Ft Collins, CO 80523
970-491-6438
FAX: 970-491-0564
djohnso@ceres.agsci.colostate.edu

Daniel Farkas, Head
Department of Food Science & Technology
Oregon State University
100 Wiegand Hall
Corvallis, OR 97331-6602
800-823-2357
FAX: 541-737-1877
farkasd@bcc.orst.edu

Von Mendenhall
Nutrition and Food Sciences
Utah State University
Logan, UT 84322
801-797-3463
FAX: 801-797-2379
vont@extsparc.agsci.usu.edu

Aurora Hodgson, Chair
Food Science & Human Nutrition
University of Hawaii at Manoa
1800 East-West Road, Henke 224
Honolulu, HI 96822
808-956-8710
FAX: 808-956-4024
hodgsona@hawaii.edu

Connie L. Falk
Dept of Ag. Econ & Ag Business
New Mexico State University
Box 30003, Dept. 3169
Las Cruces, NM 88003-0003
505-646-4731
FAX: 505-646-3522
cfalk@nmsu.edu

Suzanne Loker, Director
School of Family & Consumer Science
University of Idaho
Moscow, ID 83843
208-885-6546
FAX: 208-885-5751
sloker@uidaho.edu

Adel Kader
Dept. of Pomology
University of California, Davis
Davis, CA 95616-8683
916-752-0909
FAX: 916-752-8502
aakader@ucdavis.edu

Announcing

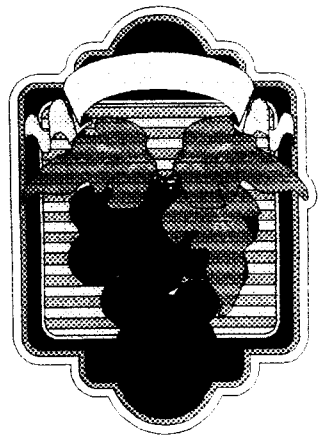
The Spring 1997
WAAESD Meeting

March 12 - 14, 1997

To be held at:
The Napa Valley Marriott
In beautiful Napa Valley, California

Plan Now to Attend

Additional Information Will be Mailed Soon!!



EXECUTIVE SUMMARY

Proposal for Continuation of the National Research Support Project No. 3 (National Atmospheric Deposition Program/National Trends Network - NADP/NTN)

Title: The National Atmospheric Deposition Program (NADP) - A Long-Term Monitoring Project in Support of Research on the Effects of Atmospheric Chemical Deposition.

Duration: October 1, 1997 - September 30, 2002

Goal: To provide the scientific community, resource managers, and policy makers with high-quality information on the exposure of managed and natural ecosystems to biologically-important chemical deposition and other stressors resulting from changes in the nation's chemical climate.

Objectives: Provide a national framework for collecting and disseminating quality-assured atmospheric deposition data to:

- 1) Characterize geographic patterns and temporal trends in biologically-important chemical deposition, and
- 2) Support research activities related to:
 - a) productivity of managed and natural ecosystems,
 - b) chemistry of surface and ground waters, including estuaries,
 - c) health of domestic animals, wildlife, and fish,
 - d) human health,
 - d) effects of atmospheric deposition on visibility and materials,
 - e) discerning source-receptor relationships, and
 - f) long-term climate change.

Justification:

Nearly two decades ago, scientists from the State Agricultural Experiment Stations (SAES) established the National Atmospheric Deposition Program (NADP) to provide essential information about the magnitude, geographic extent, and temporal variations in the deposition of acidic chemicals and nutrients in precipitation. In recent years, this program, while becoming a National Research Support Project (NRSP-3), has been expanded to include toxic organic compounds and trace metals. The high quality and continuity of NADP data were crucial to the success of the National Acid Precitation Assessment Program that resulted in the 1990 Congressional amendments to the Clean Act (Public Law 101-549). Since 1990, there has been an ever-increasing awareness that human activities are altering the chemical climate of the world, resulting in significant changes in the biogeochemical cycles that impact upon the sustainability of the environment and overall quality of life. The importance of this issue is evident in the increasing number of documents that identify chemical deposition as a key element in ecosystem management. Until declining deposition trends and threshold levels are clearly established, there

will be a continuing requirement for information on the spatial and temporal characteristics of chemical deposition. Also needed are improved predictive capabilities of atmospheric models to provide a better understanding of the effects of emissions, emission controls, and new sources of emissions on deposition to sensitive ecosystems. Information on mercury, other trace metals and organic compounds is clearly needed because of their well-known adverse effects on biota, including human health. Because of the broad participation of effects scientists and NADP's close ties to institutions and agencies that conduct a variety of environmental research, a wide range of expertise is available to address the formidable tasks facing Society. Continuation of NRSP-3 will enable NADP to:

- o Respond to the priorities of the 1994 update of the "Research Agenda for the 1990's: A Strategic Plan for the State Agricultural Experiment Stations";
- o Provide the leveraged funding mechanism for the SAES system to accomplish the above objectives;
- o Provide a long-term, stable network that is essential to determine nationwide trends;
- o Provide unique capabilities for daily wet deposition measurement (AIRMoN), essential for source-receptor trajectories and for understanding storm dynamics and dose-response mechanisms;
- o Provide the only national-scope network (NADP/MDN) for measuring mercury deposition, a trace metal important to our agricultural, forestry, and natural resources, as well as human health;
- o Continue to provide research support to data users in the universities and other federal and state organizations through its Web page: the first three-quarters of 1996 saw the Page visited 53,731 times; 2,176 of these were from foreign domains; and,
- o Provide the basis for SAES operation of 47 stations, and the funding for sample chemical analyses at 21 other sites, amounting to SAES involvement in 68 sites in the 192-site network.

Future Directions:

- o Increase project focus on continuing analyses of geographic patterns and temporal trends in chemical deposition;
- o Increase utilization of existing precipitation samples and project infrastructure for specialized studies, such as pesticides, isotopes, organics, and other toxics;
- o Publicize the database as an aid to decisionmakers in meeting statutory mandates and assessing the effectiveness of environmental regulations;
- o Provide a national framework to respond to future, unknown environmental pollutants;
- o Provide a national framework to monitor other toxic substances such as organic nitrogen and other organic compounds, and additional trace metals;
- o Increase the "user-friendly" availability of the information for policy makers, ecosystem resource managers, as well as scientists in the Land-Grant System and other organizations.

DRAFT**Support:**

Funding for the 192-station NADP/NTN weekly wet monitoring and research support network is provided by federal, state, and private resources. The lead federal agencies are: CSREES (within USDA), and the USGS. Federal agencies which support the project through a CSREES cooperative agreement with Colorado State University include: USGS, National Biological Service (now Biological Resources Division of USGS), U.S. Forest Service, Fish and Wildlife Service (a new participant), National Park Service, NOAA, Tennessee Valley Authority, and the Environmental Protection Agency. Sixty eight of the stations involve the State Agricultural Experiment Stations, sites whose data represent the longest length-of-record in the network. In addition, the subnetwork of seven daily wet deposition collection sites (NADP/AIRMoN), is funded directly by NOAA. The current 18-station mercury monitoring subnetwork (NADP/MDN), is funded by individual sponsors, with no NADP/NTN funds being involved either in site support, sample analyses, or Colorado State. U. Coordination Office activities for the subnetwork.