

**Batch 57**

1. SUBJECT CLASSIFICATION	A. PRIMARY <b>Bibliographies</b>	<b>TEMPORARY</b>
	B. SECONDARY	

2. TITLE AND SUBTITLE  
**Research/studies in Sahel Francophone West Africa: Upper Volta**

3. AUTHOR(S)  
**Bingen, R.J.**

4. DOCUMENT DATE <b>1977</b>	5. NUMBER OF PAGES <b>30p.</b>	6. ARC NUMBER ARC
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7. REFERENCE ORGANIZATION NAME AND ADDRESS  
**AID/AFR/SFWA**

8. SUPPLEMENTARY NOTES (*Sponsoring Organization, Publishers, Availability*)  
**(Analyzes 17 projects)**

9. ABSTRACT

**THE PROJECT:** Provides an inventory of work undertaken in Francophone West Africa. Summaries include: 1. Project reports and evaluations, 2. Reviews of papers, conferences and trips, and 3. Studies -- completed, current, proposed long-term, and short-term.

**DURATION:** 1962 - 1977

**DEVELOPMENTS:** The inventory is presented on data sheets which include, for each title, such information as methods of study, recommendations, and progress. The research inventory sheets are classified by these sectors: Livestock; Rainfed agriculture; Irrigated agriculture; Fisheries; Ecology and environment; Adaptive Technology; Human Resources; Health, nutrition and population; Transportation and infrastructure; Marketing, pricing and storage; and Other. Each of the project's eight publications may not contain all of these sectors. Furthermore, the inventory itself is neither complete nor final, and includes only those countries who are members of the Permanent Interstate Committee for Drought Relief.

- |                        |                         |
|------------------------|-------------------------|
| PN-AAD-512: Chad       | PN-AAD-516: Niger       |
| PN-AAD-513: Gambia     | PN-AAD-517: Senegal     |
| PN-AAD-514: Mali       | PN-AAD-518: Upper Volta |
| PN-AAD-515: Mauritania | PN-AAD-519: Regional    |

10. CONTROL NUMBER <b>PN-AAD-518</b>	11. PRICE OF DOCUMENT
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12. DESCRIPTORS <b>Francophone Africa Projects Research Upper Volta West Africa</b>	13. PROJECT NUMBER
	14. CONTRACT NUMBER <b>AID/AFR/SFWA</b>
	15. TYPE OF DOCUMENT

RESEARCH/STUDIES  
IN  
SAHEL FRANCOPHONE WEST AFRICA:  
U P P E R V O L T A

An Inventory of Research, Studies, and Reports  
Sponsored by the  
U.S. Agency for International Development

Compiled by  
R. James Bingen

Sahel Development Program  
U. S. Agency for International Development

Washington, D.C.  
August, 1977

## PREFATORY NOTE

The memory for research and studies--even AID-sponsored--has been historically short-lived within the Bureau for Africa of the Agency for International Development. The newness and the immediacy of AID's significant involvement in the Sahel have left many in the Office of Sahel and Francophone West Africa Affairs without a grip on what came before and the potential value of those earlier efforts. As a result, most are either uncomfortably caught between the fear that each new research proposal or design mission may be "reinventing the wheel" or that such research is often irrelevant to development programs.

With this in mind, and the initiative of the Sahel Francophone West Africa Desk, an inventory of AID-sponsored research/studies in the Sahel has been compiled. The inventory provides brief, substantive summaries of work undertaken over the past 15 years. The purpose of the inventory is to:

- facilitate the planning and design of AID activities in the Sahel;
- identify research gaps and priorities for AID programming;
- provide an historical roster of experienced and capable research and design personnel; and
- initiate an on-going inventory of AID-funded research/studies in the Sahel

### CRITERIA - What is in the Inventory?

The inventory uses a broad definition of "research" in order to catalogue the following:

- completed, current, and proposed long-term studies
- short-term feasibility studies
- project design reports
- project evaluations and reviews
- AID technical staff papers, conferences, and relevant papers
- trip reports containing substantive information

It should be noted that the inventory is limited to research activities financed by AID. In a region of Africa, where most foreign public and private financing has been French, this clearly excludes a wealth of knowledge and expertise. Moreover, the inventory does not include research undertaken in countries not members of the Permanent Interstate Committee for Drought Relief (CILSS); nor basic research on matters relevant to CILSS countries, but not undertaken in the Sahel.

FORMAT - How the data are presented:

For each proposal, study, or paper an individual data sheet has been prepared which attempts to provide the following information:

Document Title  
Research Dates  
Research Objectives  
Method of Study  
Recommendations  
Progress  
Contract Number  
Funding (Amount)  
Contracting Office  
Contractor  
Investigators/Team Members  
Individual/Institutional Collaboration  
Document Availability

In many instances, complete project and research information is not available. Incomplete files, unsystematic reporting procedures, ad hoc monitoring, etc. often seriously constrained the comprehensive and systematic collection of information on AID-sponsored research activities. Additions, revisions, and corrections are invited. They should be forwarded to the Sahel Development Program, AFR/SFWA/SDP, Room 2645 NS, Agency for International Development, Washington, D.C. 20523.

In order to facilitate use, each data sheet in the inventory is classified by relevant production and/or integrating sectors, as organized by the Club des amis du Sahel. Within each sector, the data sheets are presented chronologically from the most recent to the earliest.

The inventory is neither complete nor final. It represents only the first, preliminary results from:

- a thorough search of all relevant holdings in the A.I.D. Reference Center and the files in the Sahel Development Program Office;
- an exhaustive examination of all entries in A.I.D. RESEARCH AND DEVELOPMENT ABSTRACTS;
- consultations in the Bureau for Africa; the Bureau for Technical Assistance; the Office of Population, Bureau for Population and Humanitarian Assistance; and with A.I.D. contractors; and
- considerable rummaging through bookcases and files in the Bureau for Africa

In order to assure a measure of comprehensiveness and to compile the inventory as systematically as possible, data collected from the above activities have been cross-checked and compared with lists of technical service contracts and grants and contract log sheets, as well as lists of technical assistance projects and activities, by country and technical field.

As the results of additional studies and research are made known to the Sahel Development Program Office, they will be incorporated continuously within the research/studies inventory. If users know of studies not here included, the Sahel Development Project Office will greatly appreciate notices of any omissions.

R. James Bingen  
Washington, D.C.

August, 1977

RAINFED AGRICULTURE

SECTOR

# Research Inventory

<p style="text-align: center;"><b>COUNTRY</b></p> <p> <input type="checkbox"/> Cape Verde Islands    <input type="checkbox"/> Niger  <input type="checkbox"/> Chad    <input type="checkbox"/> Senegal  <input type="checkbox"/> The Gambia    <input checked="" type="checkbox"/> Upper Volta  <input type="checkbox"/> Mali    <input type="checkbox"/> SFWA Regional  <input type="checkbox"/> Mauritania         </p>	<p style="text-align: center;"><b>SECTOR</b></p> <p> <input type="checkbox"/> Livestock    <input type="checkbox"/> Adaptive Technology  <input checked="" type="checkbox"/> Rainfed Agriculture    <input type="checkbox"/> Human Resources  <input type="checkbox"/> Irrigated Agriculture    <input type="checkbox"/> Health, Nutrition, Population  <input type="checkbox"/> Fisheries    <input type="checkbox"/> Transportation &amp; Infrastructure  <input type="checkbox"/> Ecology &amp; Environment    <input type="checkbox"/> Marketing, Pricing &amp; Storage  <input type="checkbox"/> Other         </p>							
<p><b>CONTRACT OR DOCUMENT TITLE</b></p> <p>MUSAT 211(d) Grant Project in Upper Volta: Perception and Management of Semi-Arid Indigenous Agricultural Systems.</p>	<p><b>RESEARCH/STUDY DATES</b></p> <p>Est. completion of field work: Mid-Oct. 1977</p>							
<p><b>RESEARCH/STUDY OBJECTIVES</b>    To conduct a comparative study of agricultural technologies of contrasting, indigenous farming systems in the semi-arid zone of West Africa; describe the ag-related activities of the farmers throughout the year and in relation to the cultural and physical environment; determine farmer's perception of his environment in relation to his rationale for the indigenous ag. technology that he uses and the decisions that he makes in order to discover the barriers and incentives to change and provide basis for future extension activities.</p>								
<p><b>METHOD OF STUDY</b>    Selected two principal, contrasting study areas: Banh'Toulfe; Soden; use of field mapping with aerial photos, no field measurements; rainfall data from local weather stations and one rain gauge at Banh; identify local classification of land resources; make cropping observations; identify extent and farmers' perceptions of hazards; identify livestock activities and interactions with the Peulh; qualitative assessment of labor utilization; routine price surveys in the study villages; identification of attitudes and perceptions of extension service.</p>								
<p><b>RECOMMENDATIONS</b></p> <p>Not applicable at this time.</p>	<p><b>STATUS</b></p> <p>Research started in Jan., 1977 (the fifth month in the field).</p> <p><b>CONTRACT NO.</b></p> <p>MUSAT Grant 211(d)</p>							
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"><b>FUNDING</b></td> <td style="width: 50%;"><b>CONTRACTING OFFICE</b></td> </tr> <tr> <td style="text-align: center;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;"><b>TOTAL(AID)</b></td> <td style="width: 50%; text-align: center;"><b>SUPPLEMENTARY(NON-AID)</b></td> </tr> <tr> <td style="text-align: center;">Not specified.</td> <td style="text-align: center;">Not specified.</td> </tr> </table> </td> <td style="vertical-align: top;"> <p>Not specified.</p> <p><b>CONTRACTOR</b> University of California, Riverside, Dept. of Soil Science and Agricultural Engineering Glen H. Cannell, Grant Proj. Dir.</p> </td> </tr> </table>	<b>FUNDING</b>	<b>CONTRACTING OFFICE</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;"><b>TOTAL(AID)</b></td> <td style="width: 50%; text-align: center;"><b>SUPPLEMENTARY(NON-AID)</b></td> </tr> <tr> <td style="text-align: center;">Not specified.</td> <td style="text-align: center;">Not specified.</td> </tr> </table>	<b>TOTAL(AID)</b>	<b>SUPPLEMENTARY(NON-AID)</b>	Not specified.	Not specified.	<p>Not specified.</p> <p><b>CONTRACTOR</b> University of California, Riverside, Dept. of Soil Science and Agricultural Engineering Glen H. Cannell, Grant Proj. Dir.</p>
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<b>TOTAL(AID)</b>	<b>SUPPLEMENTARY(NON-AID)</b>							
Not specified.	Not specified.							
<p><b>INVESTIGATORS/TEAM MEMBERS</b></p> <p>Principal Investigator: Mr. R. Ford</p>								
<p><b>INDIVIDUAL/INSTITUTIONAL COLLABORATION</b></p> <p>Not specified.</p>								
<p><b>DOCUMENT AVAILABILITY</b></p> <p>Copy of an Evaluation Report made by Dr. A. E. Hall (Jan. 1977) on file in SDP Office.</p>								

# Research Inventory

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<b>CONTRACT OR DOCUMENT TITLE</b> Upper Volta Seed Multiplication Project, (March 30, 1976).		<b>RESEARCH/STUDY DATES</b> March 8-19, 1976					
<b>RESEARCH/STUDY OBJECTIVES</b> Estimate demand for all types of seeds for next 3-5 years; est. present costs of production at exist prod. sites; processing costs and delivery costs to ORD/AVV pickup points; est. costs of product. of seed; study present pricing methods; est. need for land to produce improved seed; est. size of annual revolving funds needed for operation of both multiplication stations and ORDs; assess present project design.							
<b>METHOD OF STUDY</b> Interviews and use of secondary reports.							
<b>RECOMMENDATIONS</b> For specific recommendations consult document on file in the SDP office.		<b>STATUS</b> Evaluation completed.					
		CONTRACT NO. AID/afr-C-1130 IQ#17 (3/5/76 - 7/15/76)					
<b>FUNDING</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;">TOTAL(AID)</td> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;">SUPPLEMENTARY(NON-AID)</td> </tr> <tr> <td style="text-align: center;">\$7,295</td> <td></td> </tr> </table>		TOTAL(AID)	SUPPLEMENTARY(NON-AID)	\$7,295		<b>CONTRACTING OFFICE</b> Not specified.	
TOTAL(AID)	SUPPLEMENTARY(NON-AID)						
\$7,295							
		<b>CONTRACTOR</b> Experience Incorporated					
<b>INVESTIGATORS/TEAM MEMBERS</b> T. Kelley White, Consultant							
<b>INDIVIDUAL/INSTITUTIONAL COLLABORATION</b> Not specified.							
<b>DOCUMENT AVAILABILITY</b> Copy of report on file in SDP Office.							

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<b>CONTRACT OR DOCUMENT TITLE</b> Upper Volta Seed Multiplication Project.		<b>RESEARCH/STUDY DATES</b> 21 Sept. - 20 Oct. 1975			
<b>RESEARCH/STUDY OBJECTIVES</b> To evaluate existing equipment procurement lists for the Seed Multiplication Project, prepare detailed specs. and cost estimates for equipment requiring procurement and prepare layout drawings for facilities requiring construction.					
<b>METHOD OF STUDY</b> Fieldtrips and consultations.					
<b>RECOMMENDATIONS</b> Recommend that USAID encourage the Government of Upper Volta to accept the Austrian equipment contribution.		<b>STATUS</b> Report completed.			
		<b>CONTRACT NO.</b> AID/ta-C-12-19			
<b>FUNDING</b> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border-right: 1px solid black; text-align: center;"> <u>TOTAL(AID)</u>            Not specified.         </td> <td style="width: 50%; text-align: center;"> <u>SUPPLEMENTARY(NON-AID)</u> </td> </tr> </table>		<u>TOTAL(AID)</u> Not specified.	<u>SUPPLEMENTARY(NON-AID)</u>	<b>CONTRACTING OFFICE</b> Not specified.	
<u>TOTAL(AID)</u> Not specified.	<u>SUPPLEMENTARY(NON-AID)</u>				
		<b>CONTRACTOR</b> Seed Technology Laboratory Mississippi State University Mississippi State, Mississippi			
<b>INVESTIGATORS/TEAM MEMBERS</b> G.M. Dougherty, Assistant Professor of Agronomy					
<b>INDIVIDUAL/INSTITUTIONAL COLLABORATION</b> Not specified.					
<b>DOCUMENT AVAILABILITY</b> Copy of report available in the SDP Office.					



## Research Inventory

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<p><b>CONTRACT OR DOCUMENT TITLE</b></p> <p>Haute Volta: State of Agricultural Technology (n.d.)</p>	<p><b>RESEARCH/STUDY DATES</b></p> <p>(n.d.)</p>				
<p><b>RESEARCH/STUDY OBJECTIVES</b> Attached as appendix to Entente Region PP, Entente food production, (625-H) a project to assist the Entente Countries to make necessary adjustments in the agricultural sector policies which will enable them with the assistance of the Entente Fund, to implement a strategy of assistance to small farmers and to evaluate its effectiveness as a means of meeting the needs of the Entente States for increased food production.</p>					
<p><b>METHOD OF STUDY</b></p> <p>Not specified.</p>					
<p><b>RECOMMENDATIONS</b></p> <p>Recommends undertaking economic studies before fertilizer use recommended at farmer level.</p>	<p><b>STATUS</b></p> <p>Report completed.</p>				
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center; border-bottom: 1px solid black;"> <p><b>FUNDING</b></p> <p><u>TOTAL(AID)</u></p> <p>Not specified.</p> </td> <td style="width: 50%; text-align: center; border-bottom: 1px solid black;"> <p><u>SUPPLEMENTARY(NON-AID)</u></p> </td> </tr> </table>		<p><b>FUNDING</b></p> <p><u>TOTAL(AID)</u></p> <p>Not specified.</p>	<p><u>SUPPLEMENTARY(NON-AID)</u></p>		
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<p><b>CONTRACTOR</b></p> <p>Not specified.</p>					
<p><b>INVESTIGATORS/TEAM MEMBERS</b></p> <p>Not specified.</p>					
<p><b>INDIVIDUAL/INSTITUTIONAL COLLABORATION</b></p> <p>Not specified.</p>					
<p><b>DOCUMENT AVAILABILITY</b></p> <p>Copy in SDP Office.</p>					

# Research Inventory

<b>COUNTRY</b> <input type="checkbox"/> Cape Verde Islands <input type="checkbox"/> Niger <input type="checkbox"/> Chad <input type="checkbox"/> Senegal <input type="checkbox"/> The Gambia <input checked="" type="checkbox"/> Upper Volta <input type="checkbox"/> Mali <input type="checkbox"/> SFWA Regional <input type="checkbox"/> Mauritania		<b>SECTOR</b> <input type="checkbox"/> Livestock <input checked="" type="checkbox"/> Rainfed Agriculture <input type="checkbox"/> Irrigated Agriculture <input type="checkbox"/> Fisheries <input type="checkbox"/> Ecology & Environment <input type="checkbox"/> Adaptive Technology <input type="checkbox"/> Human Resources <input type="checkbox"/> Health, Nutrition, Population <input type="checkbox"/> Transportation & Infrastructure <input checked="" type="checkbox"/> Marketing, Pricing & Storage <input type="checkbox"/> Other			
<b>CONTRACT OR DOCUMENT TITLE</b> A Proposal to Study the Economics of Food Grain marketing in Upper Volta and Niger with Emphasis on the Operation of OPVN and OFNACER*.		<b>RESEARCH/STUDY DATES</b> Proposed two years.			
<b>RESEARCH/STUDY OBJECTIVES</b> To describe structure of trad. marketing systems for food grains; document the principal marketing channels; evaluate performance of the grain stab. programs; make recommendations for improvement of grain marketing; delineate feasible systems for ongoing collection of minimum necessary info.; train personnel in collection and interpretation of basic info. on food grain marketing.					
<b>METHOD OF STUDY</b> Analysis of alternative theoretical approaches to analysis of grain prod./marketing systems in developing countries; develop a system for data collection; investigation of the managerial and organizational requirements and capabilities of the 2 Grain Boards; data analysis.					
<b>RECOMMENDATIONS</b> Not applicable.		<b>STATUS</b> Proposal submitted.			
*OFNACER: Office National des Cereales (Upper Volta) OPVN: Office des Produits Vivriers du Niger		<b>CONTRACT NO.</b> Not applicable.			
<b>FUNDING</b> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none; text-align: center;"> <u>TOTAL(AID)</u>            Budget not included.         </td> <td style="width: 50%; border: none; text-align: center;"> <u>SUPPLEMENTARY(NON-AID)</u> </td> </tr> </table>		<u>TOTAL(AID)</u> Budget not included.	<u>SUPPLEMENTARY(NON-AID)</u>	<b>CONTRACTING OFFICE</b> <b>CONTRACTOR</b> Not applicable.	
<u>TOTAL(AID)</u> Budget not included.	<u>SUPPLEMENTARY(NON-AID)</u>				
<b>INVESTIGATORS/TEAM MEMBERS</b> MSU graduate student research proposal.					
<b>INDIVIDUAL/INSTITUTIONAL COLLABORATION</b> Not specified.					
<b>DOCUMENT AVAILABILITY</b> Copy of proposal in SDP Office.					

ADAPTIVE TECHNOLOGY

SECTOR

# Research Inventory

<b>COUNTRY</b> <input type="checkbox"/> Cape Verde Islands <input type="checkbox"/> Niger <input type="checkbox"/> Chad <input type="checkbox"/> Senegal <input type="checkbox"/> The Gambia <input checked="" type="checkbox"/> Upper Volta <input type="checkbox"/> Mali <input type="checkbox"/> SFWA Regional <input type="checkbox"/> Mauritania		<b>SECTOR</b> <input checked="" type="checkbox"/> Adaptive Technology <input type="checkbox"/> Human Resources <input type="checkbox"/> Health, Nutrition, Population <input type="checkbox"/> Transportation & Infrastructure <input type="checkbox"/> Marketing, Pricing & Storage <input type="checkbox"/> Other <input type="checkbox"/> Livestock <input type="checkbox"/> Rainfed Agriculture <input type="checkbox"/> Irrigated Agriculture <input type="checkbox"/> Fisheries <input type="checkbox"/> Ecology & Environment			
<b>CONTRACT OR DOCUMENT TITLE</b> Ground Water Exploration, Phase II, Gondo Plain, Subdivision Nouna and Djibasso, Upper Volta (April, 1974).		<b>RESEARCH/STUDY DATES</b> 1974?			
<b>RESEARCH/STUDY OBJECTIVES</b> Objectives of second phase: to determine whether the technique of shallow ground temperature surveying would be applicable in the climatic and geologic setting of Upper Volta, and if so, devise an optimum program leading to location of best well sites within the area chosen.					
<b>METHOD OF STUDY</b> Measuring water temperatures and down-hole gradients in existing wells in an area, measurements made at 10 and 20 ft. depths and at well bottom and just below surface; level depths measured with electrical probe and data also collected on well-diameter, method of construction and formations penetrated.					
<b>RECOMMENDATIONS</b> Recommend moving to a third phase to trace ground water movement and locate best production well sites in area of scant habitation.		<b>STATUS</b> Second phase completed.			
		<b>CONTRACT NO.</b> Not specified.			
<b>FUNDING</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;"> <b>TOTAL(AID)</b>            Not specified.         </td> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;"> <b>SUPPLEMENTARY(NON-AID)</b> </td> </tr> </table>		<b>TOTAL(AID)</b> Not specified.	<b>SUPPLEMENTARY(NON-AID)</b>	<b>CONTRACTING OFFICE</b> CONTRACTOR Geothermal Surveys, Inc. 4155 Eagle Rock Blvd. Los Angeles, CA. 90065 (213) 255-4511 (Cont'd)	
<b>TOTAL(AID)</b> Not specified.	<b>SUPPLEMENTARY(NON-AID)</b>				
<b>INVESTIGATORS/TEAM MEMBERS</b> Jack Indreland of GSI, with assistants provided by office of M. Yaya, the Directeur du Service de l'Hydraulique et de l'Equipment Rural					
<b>INDIVIDUAL/INSTITUTIONAL COLLABORATION</b> S.H.E.R.					
<b>DOCUMENT AVAILABILITY</b> Copy of document (without Maps) in SDP office. Copy (complete with maps) in AID Reference Center.					

Ground Water Exploration, Phase II, Gondo Plain, Subdivision Nouna and Djibass  
Upper Volta (April, 1974)/2

CONTRACTOR (continued)

Pacific Architects and Engineers, Inc.  
600 South Harvard Blvd.  
Los Angeles, CA. 90005  
Tel: (213) 381-5731

## Research Inventory

<p style="text-align: center;"><b>COUNTRY</b></p> <p> <input type="checkbox"/> Cape Verde Islands    <input type="checkbox"/> Niger  <input type="checkbox"/> Chad    <input type="checkbox"/> Senegal  <input type="checkbox"/> The Gambia    <input checked="" type="checkbox"/> Upper Volta  <input type="checkbox"/> Mali    <input type="checkbox"/> SFWA Regional  <input type="checkbox"/> Mauritania         </p>	<p style="text-align: center;"><b>SECTOR</b></p> <p> <input checked="" type="checkbox"/> Adaptive Technology  <input type="checkbox"/> Human Resources  <input type="checkbox"/> Health, Nutrition, Population  <input type="checkbox"/> Transportation &amp; Infrastructure  <input type="checkbox"/> Marketing, Pricing &amp; Storage  <input type="checkbox"/> Other         </p> <p> <input type="checkbox"/> Livestock  <input type="checkbox"/> Rainfed Agriculture  <input type="checkbox"/> Irrigated Agriculture  <input type="checkbox"/> Fisheries  <input type="checkbox"/> Ecology &amp; Environment         </p>								
<p><b>CONTRACT OR DOCUMENT TITLE</b>    Development of the Water Resources in the Northeast of Upper Volta, (February 1966).</p>	<p><b>RESEARCH/STUDY DATES</b> December 1965</p>								
<p><b>RESEARCH/STUDY OBJECTIVES</b></p> <p>To review current situation of water resources development in NE of Upper Volta, and suggest feasible water resources program.</p>									
<p><b>METHOD OF STUDY</b></p> <p>Visit to Ouagadougou, Review of reports available there on water resources, geology, economy and other aspects of the northeast.</p>									
<p><b>RECOMMENDATIONS</b>    Develop a modest water program; continue to explore for ground water but on a limited scale; develop ground water resources with first attention to the installation of village wells; examine present methods of well construction; introduce new well digging technology; locate surface water storage facilities with consideration to use of stored water for stock watering in dry season;</p>	<p><b>STATUS</b> Completed.</p> <p><b>CONTRACT NO.</b> Not specified.</p>								
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;"><b>FUNDING</b> (Cont'd)</td> <td style="width: 50%;"></td> </tr> <tr> <td style="text-align: center;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;"><u>TOTAL(AID)</u></td> <td style="width: 50%; text-align: center;"><u>SUPPLEMENTARY(NON-AID)</u></td> </tr> <tr> <td style="text-align: center;">Not specified.</td> <td></td> </tr> </table> </td> <td></td> </tr> </table>	<b>FUNDING</b> (Cont'd)		<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;"><u>TOTAL(AID)</u></td> <td style="width: 50%; text-align: center;"><u>SUPPLEMENTARY(NON-AID)</u></td> </tr> <tr> <td style="text-align: center;">Not specified.</td> <td></td> </tr> </table>	<u>TOTAL(AID)</u>	<u>SUPPLEMENTARY(NON-AID)</u>	Not specified.			<p><b>CONTRACTING OFFICE</b> Not specified.</p> <p><b>CONTRACTOR</b> A.H. Holloway</p>
<b>FUNDING</b> (Cont'd)									
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;"><u>TOTAL(AID)</u></td> <td style="width: 50%; text-align: center;"><u>SUPPLEMENTARY(NON-AID)</u></td> </tr> <tr> <td style="text-align: center;">Not specified.</td> <td></td> </tr> </table>	<u>TOTAL(AID)</u>	<u>SUPPLEMENTARY(NON-AID)</u>	Not specified.						
<u>TOTAL(AID)</u>	<u>SUPPLEMENTARY(NON-AID)</u>								
Not specified.									
<p><b>INVESTIGATORS/TEAM MEMBERS</b></p> <p>A.H. Holloway, Regional Community Water Supply Advisor</p>									
<p><b>INDIVIDUAL/INSTITUTIONAL COLLABORATION</b></p> <p>Not specified.</p>									
<p><b>DOCUMENT AVAILABILITY</b>    Copy of the report available in the AID Reference Center and in the SDP files.</p>									

Development of the Water Resources in the Northeast of Upper Volta (February 1966)/2

RECOMMENDATION (Continued)

dig stock water ponds, initiate effort to more fully utilize rainfall; investigate feasibility of dams; est. maintenance facilities for project equipment.

HUMAN RESOURCES

SECTOR

# Research Inventory

<p style="text-align: center;"><b>COUNTRY</b></p> <p> <input type="checkbox"/> Cape Verde Islands    <input type="checkbox"/> Niger  <input type="checkbox"/> Chad                      <input type="checkbox"/> Senegal  <input type="checkbox"/> The Gambia              <input checked="" type="checkbox"/> Upper Volta  <input type="checkbox"/> Mali                        <input type="checkbox"/> SFWA Regional  <input type="checkbox"/> Mauritania         </p>	<p style="text-align: center;"><b>SECTOR</b></p> <p> <input type="checkbox"/> Livestock  <input type="checkbox"/> Rainfed Agriculture  <input type="checkbox"/> Irrigated Agriculture  <input type="checkbox"/> Fisheries  <input type="checkbox"/> Ecology &amp; Environment  <input type="checkbox"/> Adaptive Technology  <input checked="" type="checkbox"/> Human Resources  <input type="checkbox"/> Health, Nutrition, Population  <input type="checkbox"/> Transportation &amp; Infrastructure  <input type="checkbox"/> Marketing, Pricing &amp; Storage  <input type="checkbox"/> Other         </p>								
<p><b>CONTRACT OR DOCUMENT TITLE</b></p> <p>Anthropological Research of the Gourma.</p>	<p><b>RESEARCH/STUDY DATES</b></p> <p>Jan-Nov. 1977</p>								
<p><b>RESEARCH/STUDY OBJECTIVES</b></p> <p>To identify what social groupings are capable of responding most effectively in corporate groupings to developmental projects in particular regions; ability of groups to combine effectively for credit purposes in response to foreign aid; describe the sociology of ag. production and marketing; and identify the roles and rewards of women in agriculture as well as the most productive innovations for women of this society, seen from within this society.</p>									
<p><b>METHOD OF STUDY</b></p> <p>Anthropological research in Fada, Upper Volta.</p>									
<p><b>RECOMMENDATIONS</b></p> <p>Not yet applicable.</p>	<p><b>STATUS</b></p> <p>Underway.</p> <p><b>CONTRACT NO.</b>            PIO/T 625-907-3-6777008            AID/afr-1289</p>								
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;"><b>FUNDING</b></td> <td style="width: 50%;"></td> </tr> <tr> <td style="text-align: center;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;"><b>TOTAL(AID)</b></td> <td style="width: 50%; text-align: center;"><b>SUPPLEMENTARY(NON-AID)</b></td> </tr> <tr> <td style="text-align: center; border-right: 1px solid black;">Not specified.</td> <td></td> </tr> </table> </td> <td></td> </tr> </table>	<b>FUNDING</b>		<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;"><b>TOTAL(AID)</b></td> <td style="width: 50%; text-align: center;"><b>SUPPLEMENTARY(NON-AID)</b></td> </tr> <tr> <td style="text-align: center; border-right: 1px solid black;">Not specified.</td> <td></td> </tr> </table>	<b>TOTAL(AID)</b>	<b>SUPPLEMENTARY(NON-AID)</b>	Not specified.			<p><b>CONTRACTING OFFICE</b></p> <p>AFR/SFWA</p> <p><b>CONTRACTOR</b></p> <p>Dr. Richard Swanson            1913 Colfax St.            Evanston, Illinois 60201</p>
<b>FUNDING</b>									
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;"><b>TOTAL(AID)</b></td> <td style="width: 50%; text-align: center;"><b>SUPPLEMENTARY(NON-AID)</b></td> </tr> <tr> <td style="text-align: center; border-right: 1px solid black;">Not specified.</td> <td></td> </tr> </table>	<b>TOTAL(AID)</b>	<b>SUPPLEMENTARY(NON-AID)</b>	Not specified.						
<b>TOTAL(AID)</b>	<b>SUPPLEMENTARY(NON-AID)</b>								
Not specified.									
<p><b>INVESTIGATORS/TEAM MEMBERS</b></p> <p>Dr. Richard Swanson</p>									
<p><b>INDIVIDUAL/INSTITUTIONAL COLLABORATION</b></p> <p>Not specified.</p>									
<p><b>DOCUMENT AVAILABILITY</b></p> <p>Copies of all reports, etc., will be found in the SDP Office.</p>									

# Research Inventory

<p style="text-align: center;"><b>COUNTRY</b></p> <p> <input type="checkbox"/> Cape Verde Islands    <input type="checkbox"/> Niger  <input type="checkbox"/> Chad    <input type="checkbox"/> Senegal  <input type="checkbox"/> The Gambia    <input checked="" type="checkbox"/> Upper Volta  <input type="checkbox"/> Mali    <input type="checkbox"/> SFWA Regional  <input type="checkbox"/> Mauritania         </p>	<p style="text-align: center;"><b>SECTOR</b></p> <p> <input type="checkbox"/> Livestock  <input type="checkbox"/> Rainfed Agriculture  <input type="checkbox"/> Irrigated Agriculture  <input type="checkbox"/> Fisheries  <input type="checkbox"/> Ecology &amp; Environment  <input type="checkbox"/> Adaptive Technology  <input checked="" type="checkbox"/> Human Resources  <input type="checkbox"/> Health, Nutrition, Population  <input type="checkbox"/> Transportation &amp; Infrastructure  <input type="checkbox"/> Marketing, Pricing &amp; Storage  <input type="checkbox"/> Other         </p>								
<p><b>CONTRACT OR DOCUMENT TITLE</b></p> <p>Support for Upper Volta Human Resources Development Project, No. 698-11-999-135</p>	<p><b>RESEARCH/STUDY DATES</b></p> <p>December 1976</p>								
<p><b>RESEARCH/STUDY OBJECTIVES</b> To estimate the minimal, professional agricultural manpower necessary to initiate and sustain a long-range agricultural development program in Upper Volta, to indicate the present and near-term capabilities of Upper Volta to respond to this program, and to conceptualize an appropriate approach for Upper Volta to follow in responding to this program.</p>									
<p><b>METHOD OF STUDY</b> Contractor to provide a four-man team to make recommendations for a project to develop the capabilities of the GOUV to train its professional agricultural manpower; conceptualize a communications systems likely to deliver first and second level technology to farmers and herders; estimate the number of professional agricultural workers by professional discipline, who will require 10 or more years of formal education; describe the existing and planned capabilities of the GOUV to respond to the training; design system that will provide optimal technology and genetic material to farmers and livestock producers.</p>									
<p><b>RECOMMENDATIONS</b></p>	<p><b>STATUS</b></p> <p><b>CONTRACT NO.</b> AID/afr-C-1144, PIO/T No. 698-135-3-6117043</p>								
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;"><b>FUNDING</b></td> <td style="width: 50%;"></td> </tr> <tr> <td style="text-align: center;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;"><u>TOTAL(AID)</u></td> <td style="width: 50%; text-align: center;"><u>SUPPLEMENTARY(NON-AID)</u></td> </tr> <tr> <td style="text-align: center;">\$53,665.00</td> <td></td> </tr> </table> </td> <td></td> </tr> </table>	<b>FUNDING</b>		<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;"><u>TOTAL(AID)</u></td> <td style="width: 50%; text-align: center;"><u>SUPPLEMENTARY(NON-AID)</u></td> </tr> <tr> <td style="text-align: center;">\$53,665.00</td> <td></td> </tr> </table>	<u>TOTAL(AID)</u>	<u>SUPPLEMENTARY(NON-AID)</u>	\$53,665.00			<p><b>CONTRACTING OFFICE</b></p> <p>AFR/DR</p> <p><b>CONTRACTOR</b></p> <p>Research Triangle Institute P.O. Box 1219 Research Triangle Park, NC 27709</p>
<b>FUNDING</b>									
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;"><u>TOTAL(AID)</u></td> <td style="width: 50%; text-align: center;"><u>SUPPLEMENTARY(NON-AID)</u></td> </tr> <tr> <td style="text-align: center;">\$53,665.00</td> <td></td> </tr> </table>	<u>TOTAL(AID)</u>	<u>SUPPLEMENTARY(NON-AID)</u>	\$53,665.00						
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\$53,665.00									
<p><b>INVESTIGATORS/TEAM MEMBERS</b></p> <p>Not specified.</p>									
<p><b>INDIVIDUAL/INSTITUTIONAL COLLABORATION</b></p> <p>Not specified.</p>									
<p><b>DOCUMENT AVAILABILITY</b></p>									

# Research Inventory

<b>COUNTRY</b> <input type="checkbox"/> Cape Verde Islands <input type="checkbox"/> Niger <input type="checkbox"/> Chad <input type="checkbox"/> Senegal <input type="checkbox"/> The Gambia <input checked="" type="checkbox"/> Upper Volta <input type="checkbox"/> Mali <input type="checkbox"/> SFWA Regional <input type="checkbox"/> Mauritania		<b>SECTOR</b> <input type="checkbox"/> Livestock <input type="checkbox"/> Rainfed Agriculture <input type="checkbox"/> Irrigated Agriculture <input type="checkbox"/> Fisheries <input type="checkbox"/> Ecology & Environment <input type="checkbox"/> Adaptive Technology <input checked="" type="checkbox"/> Human Resources <input type="checkbox"/> Health, Nutrition, Population <input type="checkbox"/> Transportation & Infrastructure <input type="checkbox"/> Marketing, Pricing & Storage <input type="checkbox"/> Other	
<b>CONTRACT OR DOCUMENT TITLE</b> A Report on a Non-Formal Education Project for Upper Volta's Eastern ORD, (December 1974).		<b>RESEARCH/STUDY DATES</b> 1974	
<b>RESEARCH/STUDY OBJECTIVES</b> To prepare a NFE component to the Eastern ORD Project.			
<b>METHOD OF STUDY</b> Not specified.			
<b>RECOMMENDATIONS</b> Not applicable.		<b>STATUS</b> PP for a NFE Component submitted.	
		<b>CONTRACT NO.</b> AID/afr-C-1102 (as amended)	
<b>TOTAL(AID)</b> <hr/> Unavailable.	<b>FUNDING</b> <hr/> <b>SUPPLEMENTARY(NON-AID)</b>	<b>CONTRACTING OFFICE</b> AFR/SFWA/DR	
		<b>CONTRACTOR</b> Thomas C. Luche	
<b>INVESTIGATORS/TEAM MEMBERS</b> Thomas C. Luche			
<b>INDIVIDUAL/INSTITUTIONAL COLLABORATION</b> Not specified.			
<b>DOCUMENT AVAILABILITY</b> Copy of NFE PP component in DR.			

HEALTH, NUTRITION, POPULATION

SECTOR

# Research Inventory

<b>COUNTRY</b> <input type="checkbox"/> Cape Verde Islands <input type="checkbox"/> Niger <input type="checkbox"/> Chad <input type="checkbox"/> Senegal <input type="checkbox"/> The Gambia <input checked="" type="checkbox"/> Upper Volta <input type="checkbox"/> Mali <input type="checkbox"/> SFWA Regional <input type="checkbox"/> Mauritania		<b>SECTOR</b> <input type="checkbox"/> Livestock <input type="checkbox"/> Rainfed Agriculture <input type="checkbox"/> Irrigated Agriculture <input type="checkbox"/> Fisheries <input type="checkbox"/> Ecology & Environment <input type="checkbox"/> Adaptive Technology <input type="checkbox"/> Human Resources <input checked="" type="checkbox"/> Health, Nutrition, Population <input type="checkbox"/> Transportation & Infrastructure <input type="checkbox"/> Marketing, Pricing & Storage <input type="checkbox"/> Other					
<b>CONTRACT OR DOCUMENT TITLE</b> Upper Volta, Questions from the Revised Kieffer Memo of 10/16/73.		<b>RESEARCH/STUDY DATES</b> 1973					
<b>RESEARCH/STUDY OBJECTIVES</b> Paper presents series of questions and answers relating to demographic information and the status of family planning programs in Upper Volta.							
<b>METHOD OF STUDY</b> Not applicable.							
<b>RECOMMENDATIONS</b> Recommends that IPPF of London or FPIA send high level representative to Ouagadougou to discuss with Minister of Health the possibility of setting up a private FP information and service clinic in Ouagadougou; undertake demographic studies.		<b>STATUS</b> Memo submitted.					
		<b>CONTRACT NO.</b> Not applicable.					
<b>FUNDING</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;">TOTAL(AID)</td> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;">SUPPLEMENTARY(NON-AID)</td> </tr> <tr> <td style="text-align: center;">Not applicable.</td> <td></td> </tr> </table>		TOTAL(AID)	SUPPLEMENTARY(NON-AID)	Not applicable.		<b>CONTRACTING OFFICE</b> Not applicable.	
TOTAL(AID)	SUPPLEMENTARY(NON-AID)						
Not applicable.							
		<b>CONTRACTOR</b> Not applicable.					
<b>INVESTIGATORS/TEAM MEMBERS</b> Not applicable.							
<b>INDIVIDUAL/INSTITUTIONAL COLLABORATION</b> Not applicable.							
<b>DOCUMENT AVAILABILITY</b> Copy of memo in SDP Office.							

# Research Inventory

<p style="text-align: center;"><b>COUNTRY</b></p> <p> <input type="checkbox"/> Cape Verde Islands    <input type="checkbox"/> Niger  <input type="checkbox"/> Chad                      <input type="checkbox"/> Senegal  <input type="checkbox"/> The Gambia                <input checked="" type="checkbox"/> Upper Volta  <input type="checkbox"/> Mali                         <input type="checkbox"/> SFWA Regional  <input type="checkbox"/> Mauritania         </p>	<p style="text-align: center;"><b>SECTOR</b></p> <p> <input type="checkbox"/> Livestock  <input type="checkbox"/> Rainfed Agriculture  <input type="checkbox"/> Irrigated Agriculture  <input type="checkbox"/> Fisheries  <input type="checkbox"/> Ecology &amp; Environment  <input type="checkbox"/> Adaptive Technology  <input type="checkbox"/> Human Resources  <input checked="" type="checkbox"/> Health, Nutrition, Population  <input type="checkbox"/> Transportation &amp; Infrastructure  <input type="checkbox"/> Marketing, Pricing &amp; Storage  <input type="checkbox"/> Other         </p>							
<p><b>CONTRACT OR DOCUMENT TITLE</b> Initial Field Studies in Upper Volta with Dichlorvos Residual Fumigant as a Malaria Eradication Technique.</p>	<p><b>RESEARCH/STUDY DATES</b></p> <p style="text-align: center;">1961</p>							
<p><b>RESEARCH/STUDY OBJECTIVES</b></p> <p>Toxicological and entomological evaluation of the residual fumigant technique under practical field conditions at Wakara, near Bobo; also chemical and biological data collected.</p>								
<p><b>METHOD OF STUDY</b> Dichlorvos dispensers placed in each house in Wakara; approx. 25 houses selected for entomological eval.; 6 houses selected for the toxicological evaluations (selection based on number and age-grouping of the occupants; took air-samples for chemical analyses; and conducted a malarimetric evaluation based on survey made in Wakara and Sara (the control) before treatment and then periodically after the first treatment.</p>								
<p><b>RECOMMENDATIONS</b></p> <p>Consult the articles on file in the AID Reference Center and in the SDP files for specific findings.</p>	<p><b>STATUS</b> Study completed; 4 studies published in the Bull. of the WHO (1963)</p> <p><b>CONTRACT NO.</b> PASA 5903-7 with Communicable Disease Center, Savannah.</p>							
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"><b>FUNDING</b></td> <td style="width: 50%;"><b>CONTRACTING OFFICE</b></td> </tr> <tr> <td style="text-align: center;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"><b>TOTAL(AID)</b></td> <td style="width: 50%;"><b>SUPPLEMENTARY(NON-AID)</b></td> </tr> <tr> <td style="text-align: center;">Not specified.</td> <td style="text-align: center;">Not specified.</td> </tr> </table> </td> <td style="vertical-align: top;"> <p><b>CONTRACTOR</b></p> <p style="text-align: center;">Communicable Disease Center Savannah, GA.</p> </td> </tr> </table>	<b>FUNDING</b>	<b>CONTRACTING OFFICE</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"><b>TOTAL(AID)</b></td> <td style="width: 50%;"><b>SUPPLEMENTARY(NON-AID)</b></td> </tr> <tr> <td style="text-align: center;">Not specified.</td> <td style="text-align: center;">Not specified.</td> </tr> </table>	<b>TOTAL(AID)</b>	<b>SUPPLEMENTARY(NON-AID)</b>	Not specified.	Not specified.	<p><b>CONTRACTOR</b></p> <p style="text-align: center;">Communicable Disease Center Savannah, GA.</p>
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<b>TOTAL(AID)</b>	<b>SUPPLEMENTARY(NON-AID)</b>							
Not specified.	Not specified.							
<p><b>INVESTIGATORS/TEAM MEMBERS</b> (Principal Investigators)</p> <p>K.D. Quarterman, Chief, Tech. Dev. Lab., Tech. Branch, CDC  M. Lotte, Director, <u>Centre Muraz</u>, Upper Volta  H.F. Schoof, Chief, Biology Section, Tech. Dev. Lab, Tech. Branch, CDC</p>								
<p><b>INDIVIDUAL/INSTITUTIONAL COLLABORATION</b></p> <p><u>Centre Muraz</u>, Organisation de cooperation et de coordination pour la lutte contre les grandes endemies, Bobo-Dioulasso, Upper Volta</p>								
<p><b>DOCUMENT AVAILABILITY</b> Copies of the articles on the project are available in the AID Reference Center and on file in the SDP office.</p>								

TRANSPORTATION AND INFRASTRUCTURE

SECTOR

# Research Inventory

<b>COUNTRY</b>		<b>SECTOR</b>	
<input type="checkbox"/> Cape Verde Islands <input type="checkbox"/> Chad <input type="checkbox"/> The Gambia <input type="checkbox"/> Mali <input type="checkbox"/> Mauritania	<input type="checkbox"/> Niger <input type="checkbox"/> Senegal <input checked="" type="checkbox"/> Upper Volta <input type="checkbox"/> SFWA Regional	<input type="checkbox"/> Livestock <input type="checkbox"/> Rainfed Agriculture <input type="checkbox"/> Irrigated Agriculture <input type="checkbox"/> Fisheries <input type="checkbox"/> Ecology & Environment	<input type="checkbox"/> Adaptive Technology <input type="checkbox"/> Human Resources <input type="checkbox"/> Health, Nutrition, Population <input checked="" type="checkbox"/> Transportation & Infrastructure <input type="checkbox"/> Marketing, Pricing & Storage <input type="checkbox"/> Other

<b>CONTRACT OR DOCUMENT TITLE</b> Economic and Preliminary Engineering Design Studies for the Fada N'Gourma-Niamey Highway Ling in the Republics of U.V. and Niger.	<b>RESEARCH/STUDY DATES</b> 1974 and 1975
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**RESEARCH/STUDY OBJECTIVES**

To undertake an economic appraisal, technical analysis and engineering study for improvement of the Fada N'Gourma-Niamey highway.

**METHOD OF STUDY**

Review of relevant documentation, trips and consultations with appropriate officials.

<b>RECOMMENDATIONS</b> To upgrade the existing highway to a 100 kilometer per hour facility and constructed with a 6 meter DBST travel-way.	<b>STATUS</b> Study completed.
	<b>CONTRACT NO.</b> Unavailable.

<b>FUNDING</b> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;">TOTAL(AID)</td> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;">SUPPLEMENTARY(NON-AID)</td> </tr> <tr> <td style="text-align: center;">Not specified.</td> <td style="text-align: center;"></td> </tr> </table>	TOTAL(AID)	SUPPLEMENTARY(NON-AID)	Not specified.		<b>CONTRACTING OFFICE</b> Not specified.  <b>CONTRACTOR</b> Lyon Associates, Inc. Maryland
TOTAL(AID)	SUPPLEMENTARY(NON-AID)				
Not specified.					

**INVESTIGATORS/TEAM MEMBERS**

Not specified.

**INDIVIDUAL/INSTITUTIONAL COLLABORATION**

Not specified.

**DOCUMENT AVAILABILITY** Title page, Table of contents and executive summary available in SDP files; Complete copy of the draft final report with the Upper Volta and Niger desk officers.

## Research Inventory

<p style="text-align: center;"><b>COUNTRY</b></p> <p> <input type="checkbox"/> Cape Verde Islands    <input type="checkbox"/> Niger  <input type="checkbox"/> Chad                      <input type="checkbox"/> Senegal  <input type="checkbox"/> The Gambia                <input checked="" type="checkbox"/> Upper Volta  <input type="checkbox"/> Mali                         <input type="checkbox"/> SFWA Regional  <input type="checkbox"/> Mauritania         </p>	<p style="text-align: center;"><b>SECTOR</b></p> <p> <input type="checkbox"/> Livestock  <input type="checkbox"/> Rainfed Agriculture  <input type="checkbox"/> Irrigated Agriculture  <input type="checkbox"/> Fisheries  <input type="checkbox"/> Ecology &amp; Environment  <input type="checkbox"/> Adaptive Technology  <input type="checkbox"/> Human Resources  <input type="checkbox"/> Health, Nutrition, Population  <input checked="" type="checkbox"/> Transportation &amp; Infrastructure  <input type="checkbox"/> Marketing, Pricing &amp; Storage  <input type="checkbox"/> Other         </p>					
<p><b>CONTRACT OR DOCUMENT TITLE</b> The Entente States Highway Feasibility Study, Task I, Upper Volta-Niger, Fada N'Gourma to Niamey, (December, 1970).</p>		<p><b>RESEARCH/STUDY DATES</b> Late February to mid-May 1970</p>				
<p><b>RESEARCH/STUDY OBJECTIVES</b></p> <p>Detailed study of the economic and technical feasibility of improvements to the Fada N'Gourma-Niamey road.</p>						
<p><b>METHOD OF STUDY</b> Examination of the general economic relationships and reg. transport infrastructure among the Entente nations; identified zones of influence and local service area of the project road studies regional econ. activities with that area; characteristics of existing traffic flow est.; estimated present flows of goods; studied opportunities and potentials for increased production and exchanges; considered alternative improvements of service of current road; compared two types of surfacing; determined maintenance requirements and costs for alternate improvements; in depth transport econ. analysis of alternate investments.</p>						
<p><b>RECOMMENDATIONS</b></p> <p>Consult copy of conclusions and related discussion on file in SDP office.</p>		<p><b>STATUS</b></p> <p style="text-align: center;">Study completed.</p>				
		<p><b>CONTRACT NO.</b></p> <p style="text-align: center;">Not specified.</p>				
<p><b>FUNDING</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;">TOTAL(AID)</td> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;">SUPPLEMENTARY(NON-AID)</td> </tr> <tr> <td style="text-align: center;">Not specified.</td> <td></td> </tr> </table>		TOTAL(AID)	SUPPLEMENTARY(NON-AID)	Not specified.		<p><b>CONTRACTING OFFICE</b></p> <p><b>CONTRACTOR</b> Wilbur Smith &amp; Assoc. Consulting Engineers 155 Whitney Ave. New Haven, Conn. 06504</p>
TOTAL(AID)	SUPPLEMENTARY(NON-AID)					
Not specified.						
<p><b>INVESTIGATORS/TEAM MEMBERS</b></p> <p>(6 members: 3 economists and 3 engineers) Names unavailable.</p>						
<p><b>INDIVIDUAL/INSTITUTIONAL COLLABORATION</b></p> <p>Not specified.</p>						
<p><b>DOCUMENT AVAILABILITY</b> Copy of Title page, Table of contents, Cover letter, Introduction and conclusions on file in SDP; copy of full document on bookshelves of AFR/Upper Volta and/or Niger Desks.</p>						

MARKETING, PRICING, AND STORAGE

SECTOR

## Research Inventory

<p style="text-align: center;"><b>COUNTRY</b></p> <p> <input type="checkbox"/> Cape Verde Islands    <input type="checkbox"/> Niger  <input type="checkbox"/> Chad                      <input type="checkbox"/> Senegal  <input type="checkbox"/> The Gambia              <input checked="" type="checkbox"/> Upper Volta  <input type="checkbox"/> Mali                        <input type="checkbox"/> SFWA Regional  <input type="checkbox"/> Mauritania         </p>	<p style="text-align: center;"><b>SECTOR</b></p> <p> <input type="checkbox"/> Livestock  <input type="checkbox"/> Rainfed Agriculture  <input type="checkbox"/> Irrigated Agriculture  <input type="checkbox"/> Fisheries  <input type="checkbox"/> Ecology &amp; Environment  <input type="checkbox"/> Adaptive Technology  <input type="checkbox"/> Human Resources  <input type="checkbox"/> Health, Nutrition, Population  <input type="checkbox"/> Transportation &amp; Infrastructure  <input checked="" type="checkbox"/> Marketing, Pricing &amp; Storage  <input type="checkbox"/> Other         </p>				
<p><b>CONTRACT OR DOCUMENT TITLE</b></p> <p>Conditions de diffusion de credit agricole et de mise en oeuvre d'activites communautaires dans le ressort de l'ORD de l'est Fada N'Gourma.</p>	<p><b>RESEARCH/STUDY DATES</b></p> <p style="text-align: center;">1975</p>				
<p><b>RESEARCH/STUDY OBJECTIVES</b></p> <p>Detailed description of the political, social, and economic conditions affecting credit in the region, analysis of the credit structures and recommendations for a credit system in the Fada N'Gourma ORD</p>					
<p><b>METHOD OF STUDY</b></p> <p>Not available.</p>					
<p><b>RECOMMENDATIONS</b></p> <p>Not available.</p>	<p><b>STATUS</b></p> <p>Study completed.</p>				
<p style="text-align: center;"><b>FUNDING</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;">TOTAL(AID)</td> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;">SUPPLEMENTARY(NON-AID)</td> </tr> <tr> <td style="padding: 5px;">Amount unavailable, used local currency.</td> <td style="padding: 5px;"></td> </tr> </table>		TOTAL(AID)	SUPPLEMENTARY(NON-AID)	Amount unavailable, used local currency.	
TOTAL(AID)	SUPPLEMENTARY(NON-AID)				
Amount unavailable, used local currency.					
<p><b>CONTRACTING OFFICE</b></p> <p>RDO/Upper Volta</p> <p><b>CONTRACTOR</b></p> <p>SAED B.P. 593 Ouagadougou, Upper Volta</p>					
<p><b>INVESTIGATORS/TEAM MEMBERS</b></p> <p>Not available.</p>					
<p><b>INDIVIDUAL/INSTITUTIONAL COLLABORATION</b></p> <p>Unknown.</p>					
<p><b>DOCUMENT AVAILABILITY</b></p> <p>Contact the SAED; copy of report in the Sahel Documentation Center, MSU</p>					

**OTHER**

**SECTORS**

## Research Inventory

<p style="text-align: center;"><b>COUNTRY</b></p> <p> <input type="checkbox"/> Cape Verde Islands      <input type="checkbox"/> Niger  <input type="checkbox"/> Chad                              <input type="checkbox"/> Senegal  <input type="checkbox"/> The Gambia                      <input checked="" type="checkbox"/> Upper Volta  <input type="checkbox"/> Mali                                      <input type="checkbox"/> SFWA Regional  <input type="checkbox"/> Mauritania         </p>	<p style="text-align: center;"><b>SECTOR</b></p> <p> <input type="checkbox"/> Livestock  <input type="checkbox"/> Rainfed Agriculture  <input type="checkbox"/> Irrigated Agriculture  <input type="checkbox"/> Fisheries  <input type="checkbox"/> Ecology &amp; Environment  <input type="checkbox"/> Adaptive Technology  <input type="checkbox"/> Human Resources  <input type="checkbox"/> Health, Nutrition, Population  <input type="checkbox"/> Transportation &amp; Infrastructure  <input type="checkbox"/> Marketing, Pricing &amp; Storage  <input checked="" type="checkbox"/> Other         </p>							
<p><b>CONTRACT OR DOCUMENT TITLE</b></p> <p>Feasible AID Projects for Upper Volta, (July 1966).</p>	<p><b>RESEARCH/STUDY DATES</b></p> <p style="text-align: center;">1966</p>							
<p><b>RESEARCH/STUDY OBJECTIVES</b></p> <p>To identify feasible AID projects for Upper Volta.</p>								
<p><b>METHOD OF STUDY</b></p> <p>Consultations, review of existing documentation.</p>								
<p><b>RECOMMENDATIONS</b></p> <p>Recommends development of livestock industry, need for an Ag. Ext. Agt. &amp; Vocational Training Specialist; Supply of Equipment for the technical Lycee, and a road project.</p>	<p><b>STATUS</b></p> <p style="text-align: center;">Study completed.</p>							
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center; border-bottom: 1px solid black;"> <b>TOTAL(AID)</b> </td> <td style="width: 33%; text-align: center; border-bottom: 1px solid black;"> <b>FUNDING</b> </td> <td style="width: 33%; text-align: center; border-bottom: 1px solid black;"> <b>SUPPLEMENTARY(NON-AID)</b> </td> </tr> <tr> <td style="text-align: center;">Not specified.</td> <td></td> <td></td> </tr> </table>		<b>TOTAL(AID)</b>	<b>FUNDING</b>	<b>SUPPLEMENTARY(NON-AID)</b>	Not specified.			<p><b>CONTRACTING OFFICE</b></p> <p style="text-align: center;">Not specified.</p>
<b>TOTAL(AID)</b>	<b>FUNDING</b>	<b>SUPPLEMENTARY(NON-AID)</b>						
Not specified.								
<p><b>CONTRACT NO.</b></p> <p style="text-align: center;">AID/afr-387</p>								
<p><b>CONTRACTOR</b></p> <p style="text-align: center;">International Development Services, Inc. 1725 Eye St., N.W. Washington, D.C. 20006</p>								
<p><b>INVESTIGATORS/TEAM MEMBERS</b></p> <p>Norman Burns</p>								
<p><b>INDIVIDUAL/INSTITUTIONAL COLLABORATION</b></p> <p>Not specified.</p>								
<p><b>DOCUMENT AVAILABILITY</b> Report as well as a related document entitled "Master Inventory of Surveys, Feasibility studies and projects in U.V." in the AID Reference Center.</p>								