

**PROJECT APPRAISAL REPORT (PAR)** Reference Center Room 108 NS **AAD-117-C1**

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1. PROJECT NO. <b>386-11-120-368.1</b>	2. PAR FOR PERIOD: 1/1/70 TO 6/30/71	3. COUNTRY <b>India</b>	PAR SERIAL NO. <b>FY 72-10</b>
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**Soil and Water Management (Mysore)**

6. PROJECT DURATION: Began FY <b>1968</b> Ends FY <b>1973</b>	DATE LATEST PROP <b>6/17/69</b>	8. DATE LATEST PIP <b>12/28/70</b> ✓	9. DATE PRIOR PAR <b>12/31/69</b> ✓
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10. U.S. FUNDING	a. Cumulative Obligation Thru Prior FY: \$ <b>127,000</b>	b. Current FY Estimated Budget: \$ <b>143,000</b>	c. Estimated Budget to completion After Current FY: \$ <b>115,000</b>
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11. KEY ACTION AGENTS (Contractor, Participating Agency or Voluntary Agency)

a. NAME	b. CONTRACT, PASA OR VOL. AG. NO.
<b>Soil Conservation Service</b>	<b>PASA</b>

I. NEW ACTIONS PROPOSED AND REQUESTED AS A RESULT OF THIS EVALUATION

A. ACTION (X)			B. LIST OF ACTIONS	C. PROPOSED ACTION COMPLETION DATE
USAID	AID/W	HOST		
xl		x2	1. Project manager and Mysore State team leader to impress on State Department of Agriculture officials the urgent need for technical backstopping to field staff, and thereby redirect the present emphasis of Division water use specialists from adaptive research projects to technical support of field personnel.	November, 1971
x			2. The project manager will undertake a detailed review of his project reporting and information gathering system to assure that more adequate data are being collected over the next year to measure the project outputs and conditions expected at the end of the project stated in the logical framework.	December 31, 1971

D. REPLANNING REQUIRES	E. DATE OF MISSION REVIEW
REVISED OR NEW: <input type="checkbox"/> PROP <input type="checkbox"/> PIP <input type="checkbox"/> PRO AG <input type="checkbox"/> PIO/T <input type="checkbox"/> PIO/C <input type="checkbox"/> PIO/P	<b>10/14/71</b>

PROJECT MANAGER: TYPED NAME, SIGNED INITIALS AND DATE <b>Elvin D. Butler</b>	MISSION DIRECTOR: TYPED NAME, SIGNED INITIALS AND DATE <b>Howard E. Houston</b>
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**II. PERFORMANCE OF KEY INPUTS AND ACTION AGENTS**

A. INPUT OR ACTION AGENT CONTRACTOR, PARTICIPATING AGENCY OR VOLUNTARY AGENCY	B. PERFORMANCE AGAINST PLAN							C. IMPORTANCE FOR ACHIEVING PROJECT PURPOSE (X)					
	UNSATISFACTORY		SATISFACTORY			OUTSTANDING		LOW	MEDIUM		HIGH		
	1	2	3	4	5	6	7	1	2	3	4	5	
1. Soil Conservation Service					X								X
2.													
3.													

Comment on key factors determining rating

Understanding of the project purpose and relations of Action Agent staff with host country nationals has been superior. The technical qualifications of the project staff has also been above average.

4. PARTICIPANT TRAINING	1	2	3	4	5	6	7	1	2	3	4	5
				X						X		

Comment on key factors determining rating

"Mid-satisfactory" performance result from impact of factors essentially as planned with recognition that selection of participants with highest potential needs to be strengthened.

5. COMMODITIES	1	2	3	4	5	6	7	1	2	3	4	5
				X						X		

Comment on key factors determining rating

In general, impact of commodity inputs has been satisfactory with the exception that some U.S. procured commodities were unusually delayed in their arrival and affected work progress.

6. COOPERATING COUNTRY	a. PERSONNEL	1	2	3	4	5	6	7	1	2	3	4	5
	b. OTHER				X								X

Comment on key factors determining rating

Adequacy of financial support to the project has been an outstanding factor of cooperating country performance. Resolution of bureaucratic problems has been an irritation and has contributed to delays in timely action and decision making. The adequacy of pay and allowances to project staff in relation to living conditions and compared to allowances provided in the case of other state projects has been below acceptable standards. Loss of morale has resulted from this fact.

7. OTHER DONORS	1	2	3	4	5	6	7	1	2	3	4	5
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11. 7. Continued: Comment on key factors determining rating of Other Donors

(not applicable)

### III. KEY OUTPUT INDICATORS AND TARGETS

A. QUANTITATIVE INDICATORS FOR MAJOR OUTPUTS		TARGETS (Percentage/Rate/Amount)					END OF PROJECT
		CUMU- LATIVE PRIOR FY	CURRENT FY		FY 72	FY 73	
			TO DATE	TO END			
1. Project Work Plan for 27,000 acre project.	PLANNED	100%	-	-	-	-	100%
	ACTUAL PERFORM- ANCE	100%	-				
	REPLANNED			-	-	-	-
2. Soil survey and survey report for 27,000 acre project.	PLANNED	75%	15%	-	10%	-	100%
	ACTUAL PERFORM- ANCE	75%	20%				
	REPLANNED			-	-	-	-
3. 19 farm and 2 farm group demonstrations of soil and water management practices.	PLANNED	6	5	-	8	2	21
	ACTUAL PERFORM- ANCE	5	15				
	REPLANNED			-	0	1	-
4. A Technical Guide and 8 standards for soil and water management work.	PLANNED	0	100%	-	-	-	100%
	ACTUAL PERFORM- ANCE	0	75%				
	REPLANNED			-	25%	-	-
B. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS	COMMENT:						
1.							
2.	COMMENT:						
3.	COMMENT:						

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II. 7. Continued: Comment on key factors determining rating of Other Donors

### III. KEY OUTPUT INDICATORS AND TARGETS

A. QUANTITATIVE INDICATORS FOR MAJOR OUTPUTS		TARGETS (Percentage/Rate/Amount)					
		CUMU- LATIVE PRIOR FY	CURRENT FY		FY 72	FY 73	END OF PROJECT
			TO DATE	TO END			
5. 100 trained soil and water management technicians.	PLANNED	30	15	-	25	30	100
	ACTUAL PERFORM- ANCE	33	14				
	REPLANNED			-	53	50	150
6. Four technical releases on principles of soil and water management.	PLANNED	1	1	-	2	-	4
	ACTUAL PERFORM- ANCE	0	2				
	REPLANNED			-	-	-	-
	PLANNED						
	ACTUAL PERFORM- ANCE						
	REPLANNED						
	PLANNED						
	ACTUAL PERFORM- ANCE						
	REPLANNED						
B. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS	COMMENT: Instruction jointly carried out by Indian and U.S. staff in equal amounts. Trainees attending first session stated that training given was the best they had ever received. Evaluations are conducted weekly and at the end of the training program. As a result of experience in first session training schedule was revised to increase field time. Since training center operations are GOI financed,						
1. Training Center established and training program develop- ed and implemented.	COMMENT: it is premature to state that the Center is established.						
2.	COMMENT:						
3.	COMMENT:						

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IV. PROJECT PURPOSE

- A. 1. Statement of purpose as currently envisaged. 2. Same as in PROP?  YES  NO

To develop the capability of Mysore State agencies, (Land Development Units and Soil Conservation Division of the Department of Agriculture and Irrigation Division of Public Works Department) to conduct an effective soil and water management program adapted to land resource areas of Mysore State.

B. 1. Conditions which will exist when above purpose is achieved.	2. Evidence to date of progress toward these conditions.
1. Five Soil Conservation Division Water Use specialists at selected District headquarters.	Three District Water Use specialists have been appointed and are developing their programs. Unfortunately, they are working out adaptive research programs rather than serving as technical backstop to field personnel.
2. Cadre of 50 trained personnel to staff land development units in Department of Agriculture.	Project training officer is a returned participant. Project officer is in the U.S. now as a trainee. Twelve assistant agricultural officers trained and assigned to Land Development group.
3. Training center in operation by Department of Agriculture.	1971-72 Training program and schedule developed and one session completed during last quarter of FY 1971.
4. Department of Agriculture and Public Works Department coordinate responsibilities and activities in dealing with soil and water management problems within Mysore State.	Public Works Department has deputed two Jr. Engineers for training to each soil and water management training session being conducted this fiscal year by Dept. of Agr. PWD and Agr. Departments are working together on a water delivery and control administration for irrigation projects. Training seminar on Estimating Irrigation Water Requirements.
5. Technically sound procedures are being used in the development of guides, standards and specifications for soil and water management programs and practices.	The Irrigation Guide has been completed and is being used both in demonstration and training programs.

V. PROGRAMMING GOAL

- A. Statement of Programming Goal

Continuing rapid growth in agricultural production in India.

- B. Will the achievement of the project purpose make a significant contribution to the programming goal, given the magnitude of the national problem? Cite evidence.

Development of the capability of appropriate Mysore State agencies to conduct effective soil and water management programs holds promise of a significant contribution to the continued growth of agriculture in India. Pilot Project demonstrations have shown the potential for increased production induced by modern techniques of soil and water management. If this technology can be extended to additional lands of the region, a positive contribution to the programming goal will be achieved.