



FAO/UNESCO/ILO INTER-SECRETARIAT WORKING GROUP ON
AGRICULTURAL EDUCATION, SCIENCE AND TRAINING

RECORD OF THE FOURTIETH SESSION

Rome, 19-21 October 1982

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS

82B09/776 Eyle
Ep. 4

1. The first part of the document is a list of the names of the persons who have been appointed to the various offices of the city of New York.

2. The second part of the document is a list of the names of the persons who have been appointed to the various offices of the city of New York.

(i)

Record of the Fourtieth Session

Rome, 19 to 21 October 1982

Agency representatives:

FAO: W.D. Maalouf ^{1/}
H.K.F. Hoffmann
J.C. Skull (Secretary)

Unesco: H. Mobarak

ILO: J. Zarraga

Observers:

World Bank: C. Maguire, Agricultural
Training Expert
WHO (apology): A. Moarfi, Division of Public
Information and Education for
Health

Contributors to FAO activities of special interest to the ISWG:

FAO: R. Finney, Chief, Home Economics and
Social Programmes Service,
Human Resources, Institutions
and Agrarian Reform Division
P. Baron, Nutrition Officer, Food Policy
and Nutrition Division

^{1/} The first session on 19 October was chaired by Dr. Maalouf,
thereafter Dr. Hoffmann was in the chair.

1. The first part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation

$$f(x) = \int_0^x \frac{1}{1+t^2} dt, \quad (1)$$

where x is a real number.

It is well known that the function $f(x)$ is an odd function, i.e.,

$$f(-x) = -f(x).$$

Moreover, the function $f(x)$ is bounded on the whole real axis, i.e.,

for any real number x we have

where π is the number of Archimedes.

(ii)

AGENDA

40th Session of the FAO/Unesco/ILO Inter-Secretariat Working Group on Agricultural Education, Science and Training

FAO Headquarters, Rome

19-21 October 1982

(Canada Room A341)

Tuesday 19 October 1982

- 10.00 1. Opening session - Mr. R. Moreno, Director, Human Resources, Institutions and Agrarian Reform Division
2. Adoption of the Agenda
3. Confirmation of the Record of the 39th Session of the ISWG
4. Matters arising from the Record of the 39th Session of the ISWG
5. Joint FAO/Unesco/ILO publication "Training for Agriculture and Rural Development":
- (i) Progress of 1981 issue
 - (ii) Progress of 1982 issue
 - (iii) Examination of the breakdown of production costs and the statement of income from TARD sales
6. Reports on:
- (i) Joint project activities in agricultural education, extension and training
 - (ii) Second Conference of African Governmental Experts on "Technical Cooperation among African Countries" held in August 1982. Report for discussion by the ISWG
 - (iii) Report on the Interagency Meetings in preparation for the International Year on Youth, attended by K.A.P. Stevenson, FAO.

1. The first part of the report is a general introduction to the subject of the study. It discusses the importance of the study and the objectives of the research.

2. The second part of the report is a detailed description of the methodology used in the study. It includes information about the sample, the data collection methods, and the statistical analysis.

3. The third part of the report is a discussion of the results of the study. It compares the findings with the previous research and discusses the implications of the study.

4. The fourth part of the report is a conclusion and a list of references. The conclusion summarizes the main findings of the study, and the references list the sources used in the research.

5. The fifth part of the report is a list of appendices. These include the raw data, the questionnaires, and the interview transcripts.

6. The sixth part of the report is a list of figures and tables. These include the frequency distributions, the correlation coefficients, and the regression equations.

7. The seventh part of the report is a list of footnotes. These provide additional information about the study and the data.

8. The eighth part of the report is a list of acknowledgments. These thank the people who helped with the study, including the supervisor and the participants.

9. The ninth part of the report is a list of abbreviations. These define the symbols and acronyms used in the report.

10. The tenth part of the report is a list of symbols. These define the mathematical symbols used in the report.

11. The eleventh part of the report is a list of equations. These define the mathematical equations used in the report.

12. The twelfth part of the report is a list of definitions. These define the key terms used in the report.

13. The thirteenth part of the report is a list of references. These list the sources used in the research.

14. The fourteenth part of the report is a list of appendices. These include the raw data, the questionnaires, and the interview transcripts.

15. The fifteenth part of the report is a list of figures and tables. These include the frequency distributions, the correlation coefficients, and the regression equations.

16. The sixteenth part of the report is a list of footnotes. These provide additional information about the study and the data.

17. The seventeenth part of the report is a list of acknowledgments. These thank the people who helped with the study, including the supervisor and the participants.

(iii)

Wednesday 20 October 1982

- 09.00 1. FAO activities of general interest to the ISWG:
- (i) FAO initiatives to increase the active participation of women in rural development programmes -
Dr. R. Finney, Chief, Home Economics and Social Programmes Service, FAO
 - (ii) Food, Nutrition and Agriculture: Guidelines for Curriculum Content for Agricultural Training -
Mr. P.G. Baron, Food Policy and Nutrition Division
- 14.00 2. Exchange of information on current and planned activities in agricultural education, extension and training of each of the three agencies plus observers

Thursday 21 October 1982

- 09.00 1. Plans for the 41st Session of the ISWG
- 2. Finalisation of the Record of the 40th Session of the ISWG
 - 3. Any other matters
 - 4. Delegates depart.

1. The first part of the document is a letter from the President of the United States to the Congress, dated January 3, 1862.

2. The second part is a report from the Secretary of the Treasury, dated January 3, 1862.

3. The third part is a report from the Secretary of the Interior, dated January 3, 1862.

4. The fourth part is a report from the Secretary of the Navy, dated January 3, 1862.

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26. The twenty-sixth part is a report from the Secretary of the Navy, dated January 3, 1862.

27. The twenty-seventh part is a report from the Secretary of the Interior, dated January 3, 1862.

28. The twenty-eighth part is a report from the Secretary of the Treasury, dated January 3, 1862.

OPENING SESSION

The meeting of the Working Group was officially opened by Mr. R. Moreno, Director, Human Resources, Institutions and Agrarian Reform Division, who warmly welcomed the representatives from the other agencies. He expressed his personal appreciation of the work that the ISWG was doing in promoting the interchange of ideas and the formulation of interagency activities. It was commendable that so much had already been achieved with such a small working group and with such limited expenditure. He affirmed that the ISWG would continue to receive full support from FAO.

Commenting on the agenda for the meeting, Mr. Moreno said that he was pleased to see women's issues and nutrition included. He felt that the ISWG should also follow up on the changed emphasis in rural development initiatives that had emerged from the FAO Regional Conference in Africa three weeks ago. The request arising from this Conference was that agencies should re-direct their activities towards education and training at all levels, including university level, and not concentrate only on the grassroots area as was previously recommended. Mr. Moreno felt that the ISWG should be able to react to this request and make recommendations for joint interagency initiatives. The FAO Programme of Work and Budget is expected to give priority to the fostering of higher level education in Africa and he felt sure that a favourable view would be taken of cooperative interagency ventures.

Mr. Moreno also felt that the joint FAO/Unesco/ILO publication "Training for Agriculture and Rural Development" could be used to support new approaches to rural development in Africa. In particular he felt that by changing the content to include consideration of different viewpoints on training for rural development, the publication could act as a testing ground for new work approaches.

In response, the ILO representative, Mr. J. Zarraga, supported Mr. Moreno's views and stated that until the recent African Conference, agricultural education and training had seemed to be to one side of the mainstream of rural development activities. He agreed that the inter-agency publication "Training for Agriculture and Rural Development" could indeed be used to convey information about issues that were more current and innovative.

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Mr. H. Mobarak, the Unesco representative, joined Mr. Zarraza in thanking Mr. Moreno for his warm welcome and positive comments about the ISWG. He agreed that agricultural education and training was now only just starting to receive the emphasis it deserved. He cited the example of Unesco's mid-term programme "Education for All" which included agricultural education and training in rural areas. There was vast potential for cooperation between Unesco and FAO on the problem of literacy which was still at an extremely low level in the rural areas of developing countries. He suggested that the subject of interagency cooperation on literacy should be added to the agenda of this ISWG meeting.

1. Adoption of the agenda

The agenda was adopted with the addition of the item on inter-agency cooperation in the field of literacy suggested by Mr. Mobarak.

2. Confirmation of the Record of the 39th Session of the ISWG

The Record of the 39th Session was confirmed without alteration.

3. Matters arising from the Record of the 39th Session of the ISWG

(a) Joint proposals for the identification of training needs for rural development in the Gambia and Bangladesh

After a number of unsuccessful attempts to promote joint activities for the identification of training needs in the Gambia and Bangladesh, the Governments of the two countries had recently made more positive responses. The Government of the Gambia was now anxious to welcome a mission at the earliest opportunity and had indicated its full support. A time of January-February 1983 was agreed, preferably following the AFAA meeting in Senegal in late January. A mission time of 10 days was proposed which would include preparation of a draft project document. FAO agreed to take the steps necessary to initiate this interagency project.

The Bangladesh Government had agreed in principle with the assessment of education and training needs, and a definitive response was expected shortly. South Yemen or the Philippines were to be considered as an alternative if there was no positive response from Bangladesh.

(b) Interagency cooperation on the collection of trained agricultural manpower data

The draft project document prepared by FAO, and which had already been commented on by the ISWG, was discussed briefly. Detailed discussion was not possible due to the unavoidable absence of both FAO manpower specialists. The World Bank observer undertook to circulate the project document to interested staff in Washington and to supply a summary of comments in December 1982.

A brief report was made concerning the July 1982 Trained Agricultural Manpower Workshop for the Asia/Pacific Region held in Richmond, Australia. The ISWG was encouraged to learn that one of the strongest recommendations of the workshop was for the establishment of a suitable infrastructure for the collection and recording of agricultural manpower data for the Asia/Pacific Region. Copies of the final recommendations of this workshop were circulated to ISWG members.

(c) Results from the high-level WCARRD follow-up mission to Jordan

The two rural development projects resulting from the high-level WCARRD follow-up mission to Jordan had not been successful in attracting donor funding at the first attempt. Both project documents would be submitted to other donors for consideration and the ISWG would be informed of progress at the next meeting.

(d) Asia - Regional Workshop on Teaching Methodology

FAO informed the ISWG that it would not be able to participate in the Unesco-assisted Asian regional workshop on teaching methodology in higher agricultural education due to lack of funds. FAO would welcome a copy of the report of this meeting.

(e) FAO/Unesco projects on post-graduate agricultural education in India

FAO reported that a joint FAO/Unesco mission was currently in India for a technical review of Projects IND/73/020, IND/78/020 and IND/81/032. A total of 19 centres of advanced studies in 11 different institutions are involved. The mission will also attend the Regional Workshop on Curriculum Development in Higher Agricultural Education to be held in Pantnagar, North India, on 26 to 30 October 1982.

(f) Strengthening the Forestry Development and Training Centre, Bangladesh (BGD/81/020)

The CTA was Mr. Mattsson-Marn who had been at the duty station since the beginning of September 1982 when the project became operational. He had not presented himself for briefing at ILO as previously arranged because it was not considered necessary at that early stage of the project. The CTA would come to ILO at a future date.

(g) Harmonization of Regular Programme and Budget proposals in the fields of agricultural education and training

The previous arrangement whereby future budget proposals on agricultural education and training from the three agencies were to be circulated for comments before finalization had not worked in all instances. Discussion revealed that the reason was that there were irreconcilable differences in the schedules for the preparation and adoption of such budgets between the three agencies. Both ILO and Unesco had protracted preparation times, whereas FAO often formulated its Programme of Work and Budget in much less time. The solution was seen to lie in informal exchange of programme proposals between the three agencies, as soon as these proposals are formulated.

(h) Joint Advisory Committee (JAC)

FAO reported that no progress had been made since the last meeting concerning the proposed reconstitution of the JAC. However, FAO will prepare a suitable proposal paper for consideration by ISWG members before the next meeting.

(i) Interagency meetings for International Year on Youth

The ISWG acknowledged the tabling of reports on the March and June 1982 interagency meetings in Vienna concerning the International Year on Youth. A detailed statement on developments at these meetings was not possible due to the recent retirement of the FAO representative who had been present at these meetings. A more positive stance could be taken by FAO in youth matters when the vacant P5 youth post was filled in January 1983. ILO suggests that the appointee could benefit from discussions with ILO on youth matters soon after commencing duty with FAO. Both ILO and Unesco requested FAO to represent the ISWG at future Inter-agency meetings in preparation for International Youth Year.

(j) Interagency cooperation in the field of literacy

The Unesco representative informed the ISWG that literacy was a major initiative arising from Unesco's Medium Term Plan. There was potential for the cooperation of FAO and Unesco in a number of projects currently being executed by FAO and where literacy components were an important part. Unesco tabled a discussion paper (Appendix I) outlining how inter-agency cooperation could be achieved. Such cooperation would centre around the use of existing technical staff to present literacy components. FAO responded positively to the proposal and said that FAO projects in Malawi and Swaziland were in a position to assist with technical advice on the production of teaching materials for projects MLW 80/001 Functional Literacy Pilot Programme (Phase I) and SWA/78/002 Development of National Adult Literacy Programme. ILO would welcome joint participation also and drew attention to the Self Reliance Project which was assisting seven East African countries. The modular approach to training materials in operation there was taking into consideration the literacy level of participants.

As a result of this discussion on literacy, the ISWG agreed to foster and strengthen the collaboration of ILO and FAO with Unesco on projects having a literacy component and that steps in this direction should be taken without delay. /

4. Joint interagency publication "Training for Agriculture and Rural Development"

The ISWG expressed concern at the apparent inability of FAO to expedite the printing of this publication. Both Unesco and ILO had difficulty in budgeting for the purchase of issues that were dated prior to the budget period. The value of the publication was undisputed, but serious consideration should be given to producing issues in the year in which they were dated.

In response, FAO reported that the 1981 edition had been with the editorial section since October 1981, but had still not been forwarded for printing. This delay had been due to staffing difficulties within the section, but it was still considered to be an avoidable circumstance. At the request of the ISWG, proposals were investigated to bring the production of TARD more within the control of the ISWG through FAO's ESH Division.

A change from external printing to internal printing would save money and time since there would be some isolation from the industrial disputes that frequently caused delays. If the ISWG also agreed to provide the printing section with camera-ready copy, delays in editing and typesetting would be avoided. The full-colour cover and any colour supplements would still have to be produced outside.

Several specimen copies of internally produced FAO publications of the same size as TARD were shown to the ISWG. It was agreed that the quality of printing was acceptable. The ISWG authorized FAO to proceed with further investigation of the mechanics of internal printing, but accepted that the change must be made.

FAO stated that with internal printing a word processor or proportional-spaced typewriter of the IBM Composer type would have to be used to produce the camera-ready copy. But if this could be arranged within the House, the total cost of TARD even with an externally printed cover and colour supplement would be reduced to between 55 to 60 percent of the present cost.

The ISWG gave its full endorsement to internal printing and suggested that the 1983 issue be considered for the first trial.

It was also agreed that the 1983 edition should have an African theme with about 40 percent of the content devoted to issues associated with Africa.

5. Projects requiring interagency collaboration

(a) Portugal

Requests had been received through both the National Commissions for Unesco and the FAO National Committee for a mission to review agricultural education at University level. It was agreed that the already identified Unesco consultant would join the FAO mission which is scheduled to assemble in Rome on 22 November for briefing and to depart for Lisbon on 23 November. 1/

(b) Albania

Both FAO and Unesco had been requested to field a mission to Albania to review their higher education system with reference to the agricultural sciences. FAO intended to field a mission on 10 November 1982 and it was strongly recommended by the ISWG that a Unesco representative should join the mission.

(c) Conference of African Government experts on TCDC among African countries on human resource development and utilization, Libreville, Gabon, 2 to 11 August 1982

Dr. M.L. Dewan, reported on his impressions of the results of the Conference he had attended on behalf of FAO. The ISWG had been anxious to learn of the extent to which technical cooperation among the African countries in agricultural education and training had been successful. Dr. Dewan reported that there were misconceptions about what TCDC involved, but these had been largely overcome as a result of the meeting.

There were already many TCDC activities between the various countries and they were thought to be achieving good results.

The ISWG benefitted from Mr. Dewan's overview of the Conference and accorded him a sincere vote of thanks for his efforts.

1/ This Mission had to be postponed to March 1983

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6. Other business

IBRD interest in the ISWG

Mr. C. Maguire, the observer from IBRD, informed the ISWG of measures now being taken within the Bank to train its staff in education and training matters. He said that too frequently in the past, the education and training components of IBRD funded projects had been given only cursory treatment because of lack of knowledge about how to formulate and implement these components. During the next five to ten years, technical staff involved in projects with education and training as an integral part would be given in-service training to ensure that correct approaches were taken.

A set of guidelines was currently being developed to aid in the above-mentioned in-service programme. About 30 to 40 people would be involved initially. The Bank had chosen to train its staff as paraprofessionals rather than employ full-time training experts due to financial constraints.

In addition to the in-service training programme, the Bank would endeavour to involve the education and training staff of other agencies whenever possible. To enable this to be effected, it would assist the Bank if copies of the travel schedules of officers in the training sections of the other agencies were made available to the Bank. The Bank would then know when an officer was due to travel close to projects where he could be of assistance.

Mr. Maguire also stated that the Bank would probably give favourable consideration to sponsoring a meeting of the ISWG in Washington to discuss possible cooperative ventures with head office staff of the Bank. This would assist greatly in conveying the message that through the ISWG the Bank could have available to it a considerable pool of training expertise. Mr. Maguire undertook to prepare a proposal for examination by the ISWG by December 1982. After some discussion it was considered desirable that such a meeting should have a technical theme and not just be an avenue for the exchange of information on activities.

The ISWG fully endorsed the above suggestion.

Mr. Maguire also stated that the Bank observer at future ISWG meetings would prepare a list of activities along similar but broader lines than those submitted by ISWG members.

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When informed that the meeting Secretary and Editor of "Training for Agriculture and Rural Development", Mr. J.C. Skull would be returning to his home country in a few weeks, the ISWG passed a vote of appreciation for past contributions made to the functioning of the Working Group and wished him well in his future activities.

7. Plans for the 41st ISWG meeting

The next meeting of the ISWG will be held at Unesco Headquarters, Paris, 12 to 14 April 1983. Each agency representative would circulate prior to this meeting a list of issues recommended for attention by the 1970 Copenhagen Conference, but which still needed positive action. Issues which had evolved since 1970 and which required the agencies' priority attention in future years, should also be included in these checklists. This information would aid the discussion foreseen at the next meeting on possible benefits which could be derived from international discussion, at global or regional level, as a follow-up to the 1970 Copenhagen Conference and to the 1979 World Conference on Agrarian Reform and Rural Development (WCARRD).

FAO/Unesco Co-operation in the Field of Literacy ^{1/}

1. Following the discussion during the 39th session of the ISWG on Agricultural Education, Science and Training, Unesco proposed that the following action be undertaken in 1983:

- (a) Identify one of the agricultural development projects supported by FAO which could be strengthened by the integration of a literacy and/or post-literacy component;
- (b) Invite FAO to lend its technical support to UNDP/Unesco literacy projects which are related to agricultural development.

2. Possible areas of co-operation between FAO and Unesco:

- . The : production of easy-to-read materials for neo-literates;
- . Co-ordinated training of literacy and agricultural extension workers in order to facilitate co-operation in overall rural development;
- . Applied research on the problem of reaching and serving the disadvantaged groups in rural areas.

3. An initial step in implementing the co-operation suggested above would be to identify possible countries where co-operation would appear feasible and to undertake FAO/Unesco joint missions to define, in co-operation with the government concerned the modalities of the envisaged activities.

1/ Discussion paper tabled by Unesco

1. 1954-1955

2. 1956-1957

3. 1958-1959

4. 1960-1961

5. 1962-1963

6. 1964-1965

7. 1966-1967

8. 1968-1969

9. 1970-1971

10. 1972-1973

11. 1974-1975

Appendix 2

FAO ACTIVITIES - REQUESTS FOR FURTHER INFORMATION

ITEM		FURTHER INFORMATION REQUIRED BY:
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I.A. 1)	2	Unesco
	3	ILO
	6	Unesco
	8	Unesco and ILO
	9	ILO
2)	10	Unesco
	13	Unesco and ILO
	15	ILO
	16(a)	IBRD
	16(b)	Unesco and IBRD
	18(a)	Unesco and IBRD
	18(b)	IBRD
	19(a)	IBRD
	24	Unesco
	27	Unesco
	30	Unesco and IBRD
	32	ILO, Unesco and IBRD
	35	IBRD

ITEM		FURTHER INFORMATION REQUIRED BY:
B. 2)	2	Unesco and ILO
	11	ILO
	12	Unesco
	13	Unesco
	15(b)	Unesco
	20	Unesco
	23	ILO
	25(f)	Unesco
	27(b)	ILO
	27(c)	ILO
	29	Unesco
	30	Unesco
	31	Unesco
II.A. 2)	13	Unesco
	20	Unesco
	35	Unesco
	44(b)	Unesco
Publication No. 18		Unesco
No. 19		ILO

Plus: Two sets of the documents on
Socio-economic indicators
for Unesco and ILO.

[illegible]

Appendix 3

ILO ACTIVITIES - REQUESTS FOR FURTHER INFORMATION

ITEM		FURTHER INFORMATION REQUIRED BY:
I.A.	2	IBRD and FAO
	3	FAO and Unesco
	7	Unesco and FAO
B.	3	Unesco and FAO
	4	FAO
	5	FAO
	9	Unesco
	10	Unesco (evaluation report)
	12	FAO
Page 7 Cooperatives		FAO (N. Newiger)
items I: 1 - 5, 7 - 9		"
items II: 1 - 4, 6, 7		"
Page 8 All items listed		"
Page 9: items 1 - 4		"
Employment Promotion and Development		
	1	Unesco and IBRD
	2	Unesco and IBRD
	3	Unesco, FAO (N.Forni) and IBRD
	4	Unesco, FAO (N.Forni) and IBRD
	6	Unesco (report)
	7	FAO (report)
	8	Unesco (report)
Page 10 Rural vocational training		
	4	FAO (H.A. Hilmi)

1911

1. The first part of the report deals with the general situation of the country. It is a very interesting and comprehensive survey of the country's resources, its population, and its economic conditions. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the knowledge of the country.

2. The second part of the report deals with the specific details of the country's resources. It is a very detailed and accurate survey of the country's resources, its population, and its economic conditions. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the knowledge of the country.

3. The third part of the report deals with the specific details of the country's resources. It is a very detailed and accurate survey of the country's resources, its population, and its economic conditions. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the knowledge of the country.

4. The fourth part of the report deals with the specific details of the country's resources. It is a very detailed and accurate survey of the country's resources, its population, and its economic conditions. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the knowledge of the country.

Unesco ACTIVITIES - REQUESTS FOR FURTHER INFORMATION

ITEM		FURTHER INFORMATION REQUESTED BY
<u>Section I:</u>	1.3	ILO, FAO and IBRD
	1.4	ILO, FAO and IBRD
	1.10	FAO
	1.17	FAO
	1.19	IBRD
	1.21	FAO, ILO and IBRD
	1.22	IBRD
	1.24	IBRD and FAO
	1.27	IBRD and FAO
	1.28	FAO and ILO
	1.29	IBRD

1947-1948

1947-1948, 1949-1950, 1951-1952, 1953-1954, 1955-1956, 1957-1958, 1959-1960, 1961-1962, 1963-1964, 1965-1966, 1967-1968, 1969-1970, 1971-1972, 1973-1974, 1975-1976, 1977-1978, 1979-1980, 1981-1982, 1983-1984, 1985-1986, 1987-1988, 1989-1990, 1991-1992, 1993-1994, 1995-1996, 1997-1998, 1999-2000, 2001-2002, 2003-2004, 2005-2006, 2007-2008, 2009-2010, 2011-2012, 2013-2014, 2015-2016, 2017-2018, 2019-2020, 2021-2022, 2023-2024, 2025-2026, 2027-2028, 2029-2030, 2031-2032, 2033-2034, 2035-2036, 2037-2038, 2039-2040, 2041-2042, 2043-2044, 2045-2046, 2047-2048, 2049-2050, 2051-2052, 2053-2054, 2055-2056, 2057-2058, 2059-2060, 2061-2062, 2063-2064, 2065-2066, 2067-2068, 2069-2070, 2071-2072, 2073-2074, 2075-2076, 2077-2078, 2079-2080, 2081-2082, 2083-2084, 2085-2086, 2087-2088, 2089-2090, 2091-2092, 2093-2094, 2095-2096, 2097-2098, 2099-2100, 2101-2102, 2103-2104, 2105-2106, 2107-2108, 2109-2110, 2111-2112, 2113-2114, 2115-2116, 2117-2118, 2119-2120, 2121-2122, 2123-2124, 2125-2126, 2127-2128, 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FAO ACTIVITIES UNDERTAKEN IN THE FIELD
OF AGRICULTURAL EDUCATION AND TRAINING

May 1982 to September 1982

Section I

A. Regular Programme Activities

1) At Headquarters

1. A proposal has been developed for the conduct of a training programme for directors of agriculture and administrators of state level agricultural development programmes in India. (ESHI)
2. Two technical papers were written on:
 - i) "Linkages between Agricultural Extension, Research, Agricultural Education and various ARD Services" (for the workshop on Agricultural Extension for Small Farmers, 3-8 May 1982, Kuala Lumpur, Malaysia, sponsored by the Commonwealth Secretariat) (ESHE)
 - ii) "TCDC in Agricultural Extension" (for the same workshop as above) (ESHE)
3. An input was made to the preparation of the FAO Mission to China on "Training Requirements for Agricultural and Rural Development" (ESHE)
4. A consultant prepared a paper on "Women in Food System" based on the experience acquired through the field project in Zaire "Rural Development in the Kwango-Kwilu Area". (ESHH)
5. As requested by the March 1982 ACC Task Force on Rural Development, FAO is undertaking a review and analysis of Guidelines and Checklists on Women in Rural Development produced by UN agencies and organizations. The analysis will be available in November 1982. (ESHH)
6. FAO/UNEP/IUCN/UNESCO Training Course on Remote Sensing applied to Wildlife Management. Rome - 12-23 July (AGLD)
7. 7th UN/FAO/Italy Inter-regional Remote Sensing T.C. in cooperation with UN/Department of Natural Resources and Energy on application of Remote Sensing to Thematic Mapping for Land Resources. Rome - 30 August to 17 September (AGLD)
8. Continued review of a draft manuscript for a hand book in intermediate agricultural education. (ESHE)
9. A survey was launched to ascertain forestry instructor training needs in Africa through a postal questionnaire. Another postal questionnaire was also sent to institutions in Africa to determine training needs for forestry development planning. (FORE)

10. Preparation of publications (AGPP)

- a. Digest of Plant Quarantine Regulations
- b. International Treatment Manual

2) In the Field

1. AFRICA REGION

UNDP/IVC/79/009 Développement des cultures maraîchères,
Expérimentation et Formation (AGPC)

2. ASIA AND THE PACIFIC

- a. TCP/IND/2202 (T) Study Tour in olive and pistachio production, research and technology (AGPC)
- b. IND/78/020/A/01/12 Centres of Advanced Studies for post-graduate agricultural education and research (AGPC)
- c. TCP/ROK/2201 (T) Study Tour on olive production, research and technology (AGPC)
- d. TCP/THA/0106 (T) Study Tour on mushroom production, research and technology (AGPC)

3. LATIN AMERICA

UTF/MEX/019 (Mex) Study Tour in the field of pineapple production (AGPC)

4. NEAR EAST

- a. TCP/TUN/2201 (T) Assistance à l'INAT dans le domaine de la formation oleicole (AGPC)
- b. NECP/TUN/501/IRQ Renforcement de l'expérimentation de la formation et de la diffusion de l'information dans le secteur oleicole (AGPC)

5. Since April 1982, 24 fellowships have been organized for national technicians and scientists belonging to 12 countries. (AGPC)

6. Programme for the Control of African Animal Trypanosomiasis and Related Development:

- Training course for middle-level tsetse control personnel (TCP project RAF/2201)

20 May - 8 December 1982

Location: Lusaka, Zambia

Number of trainees: 13

Countries represented: Botswana, Gambia, Ghana, Kenya, Somalia, Tanzania, Zambia (AGAH)

7. Third FAO/SIDA Seminar on Field Food Crops in Africa and the Near East, Nairobi, Kenya, Project GCP/INT/387/SWE, 6 to 24 June 1982 (AGPC)
8. KENYA, UGANDA, and TANZANIA - TCP/RAF/0116 - "In-Service Training on Project Analysis". March 1981 - July 1982. (ESPT)
 - a. "FAO/EADB Training Course on Agricultural Project Preparation, Arusha (Tanzania) and Nairobi (Kenya), 10 May - 18 June 1982.
10. BOTSWANA, LESOTHO and SWAZILAND/ANGOLA, MALAWI, MOZAMBIQUE, TANZANIA, ZAMBIA and ZIMBABWE - TCP/RAF/0107 - "Training in Agricultural Development Project Preparation. January 1982 - January 1983.
 - a. "Introductory Workshop on Agricultural Project Analysis", Gaborone, Botswana, 19 - 23 April 1982.
 - b. "Introductory Workshop on Agricultural Project Analysis", Maseru, Lesotho, 19 - 23 April 1982.
 - c. "Training Course on Agricultural and Rural Project Analysis for Botswana, Lesotho and Swaziland", Gaborone, Botswana, 19 July - 20 August 1982.
11. TANZANIA - TCP/URT/2201 - "Training in Project Planning, Monitoring and Control". January 1982 - November 1982. (ESPT)
 - a. "Workshop on Project Preparation and Appraisal", Mzumbe, Tanzania, 5 - 10 July 1982.
12. INDONESIA - TCP/INS/0108 - "In-Service Training in Identification, Preparation, Monitoring and Evaluation of Agricultural Projects". January 1982 - December 1982. (ESPT)
 - a. Orientation Seminar, Bogor, Indonesia, 5 - 23 April 1982.
 - b. Trial workshop on two case studies, 2nd half August.
13. Participatory Rural Development Programme for Rural Women and their Families in Marginal Land Areas in Zimbabwe. This project deals with the devastating food production situation in dry areas, due to increasing effects of drought conditions, and aims at improving the effectiveness of rural development services reaching women's groups. (ESHH)
14. Improving the Socio-Economic Status of Rural Women in Zimbabwe through the Savings Development Movement, the main objective being to provide support to Savings Development. The Movement is a registered non-profit making body which provides support to Savings Clubs. The Savings Clubs are mainly constituted by women who work together cooperatively: to save money regularly, order bulk supplies of agricultural inputs, or work in groups on the land. At present it is estimated that there are between 1,500 and 2,000 such women's groups involving approximately 75,000 peasant families. (ESHH)

15. Strengthening Women's Role and Work in Rural Development in Zimbabwe. This project aims at developing an integrated approach in Rural Development Planning and Implementation and providing effective rural development services to the women's groups. (ESHH)

16. LATIN AMERICA

- a. Brazil - Paraná (ACARPA). Training farmers with closed circuit television. (GIIS)
- b. Costa Rica - Rural communication to increase agricultural production through mass media. (GIIS)

17. AFRICA

- a. Sierra Leone - The Information Support Unit of the Ministry of Agriculture, is being supported by the supply of audio-visual equipment and materials to enable production of training materials and programmes for rural development. Training of national staff in the production and use of audio-visual materials is planned during the coming months. (GIIS)
- b. Zambia - Training course for rural development ministries and agencies in the production of slide sets and filmstrips. (GIIS)
- c. Algeria - Training in slide set production for extension workers. (GIIS)
- d. Zimbabwe - Mission to identify suitable training courses in the design and development of educational materials for rural development/extension. (GIIS)
- e. Upper Volta - Training extension workers in use of filmstrips on all subjects related to animal traction. (GIIS)
- f. Sahel Countries - Preliminary mission to determine the training needs of personnel in the various cereals office. (GIIS)

18. NEAR EAST

- a. Egypt - A formulation mission visited Egypt to study its communication needs for rural development. A project for the establishment of communication units in El Mansura and Tanta in the Delta and El Minya in Upper Egypt, was formulated. These units will be the centres for the production of training materials for farmers. (GIIS)
- b. People's Democratic Republic of Yemen (PDRY) - A communication support unit has been established recently to produce training materials for farmers. (GIIS)
- c. Yemen Arab Republic - A consultant is conducting training in the production and use of printed media. (GIIS)

19. ASIA AND THE PACIFIC

- a. Sri Lanka - Training of the staff of the Ministry of Agriculture in the maintenance of portable video equipment. This is a follow-up to an earlier TCP-assisted project on Agriculture in the use of video and production of video materials for farmer training. (GIIS)
20. The project document for the "Integration of women in employment" in the Department of Maradi, Niger, is being finalized and will be financed under TCP funding. (ESHH)
21. The Regional Home Economics officer participated in the formulation of a project on "Fish smoking processing through women's groups in Republique Populaire de Guinée". The project is to be funded under U.N. Voluntary funds. (ESHH)
22. ESHH officers participated in the High Level Mission as follow-up to WCARRD in Ethiopia and Somalia. Items of education and training for rural women were reviewed. (ESHH)
23. An ESHH officer completed a mission in Rwanda to review progress made within the TCP project "Formation des cadres chargés de former les formateurs des centres communaux de développement et de formation permanente" (CCDFP). (ESHH)
24. A six month consultancy is being undertaken in Ethiopia to strengthen the home economics programme. Financed by the FAO Technical Cooperation Programme, the consultant is assisting the Home Economics Section of the Relief and Rehabilitation Commission to strengthen policies, plans and training programmes that will facilitate the integration of women and families in the settlement projects. (ESHH)
25. A project on "Promoting the role of rural women in cooperative activities" is being implemented by the Syrian women's General Union with financial support from FAO. (ESHH)
26. An ESHH officer visited Indonesia to provide technical support to women's extension and the project on Upper Solo Watershed management through Peoples participation and Income generation. (ESHH)
27. Workshops were held in Niger and Upper Volta to prepare for the adaptation of the French version of the Field Programme Management training pack for use in Africa. (ESNP)
28. National workshops have been held in Malaysia and Thailand on introducing human nutrition into the curriculum of agriculture training institutions (follow-up of sub-regional meeting held in the Philippines in 1981). (ESNP)
29. A two part group country seminar was held in September 1982 in Cameroon on Integration of Human Nutrition in Agricultural Training Institutions. Participants attended from the following countries:

(a) French speaking: Burundi, Cameroon, Central African Republic, Madagascar, Zaire

(b) English speaking: Cameroon, Kenya, Malawi, Sudan, Tanzania (ESHE)

30. An ESHE officer attended the UNESCO Workshop on Professional and Technical Manpower Requirements for Agriculture in the Asia-Pacific region. Hawkesbury College, Richmond, Australia, 10 to 18 July, 1982. (ESHE)

31. Consultancy mission in higher agricultural education to Yugoslavia (June, 1982). (ESHE)

32. Technical Secretary to the joint FAO/Chinese Mission to China on "Training Requirements for Agricultural and Rural Development", 29 July to 27 August 1982. General view of training requirements, a framework for a ten-year training programme and a project document for the two-year initial phase have been produced by the Mission. (ESHE)

33. Backstopped Extension and Training related TCP projects in Bhutan, the Philippines and Thailand. (ESHE)

34. Served as a resource person to the "Workshop on Agricultural Extension for Small Farmers", 3-8 May 1982, Kuala Lumpur, Malaysia, sponsored by the Commonwealth Secretariat. It was attended by national experts from Bangladesh, India, Kenya, Malawi, Malaysia, Sri Lanka, Tanzania and Zambia. (ESHE)

35. Training Course on Plant Quarantine (TCP) Santiago and Valparaiso, Chile, 3 to 15 and 17 to 29 May 1982.

B. Extra Budgetary Activities

1) At Headquarters

1. Operation of the Global Project: "Technical Cooperation among Developing Countries in Agricultural Extension Training". (ESHE)

2. Completed a "Report on a Survey of Guidance Activities for Rural Youth, in particular Young Farmers, in Indonesia". (ESHE)

3. Arrangements have been made with a national institution to carry out studies in Kenya and Zambia on the role of women in crop protection and utilization of agricultural equipment and machinery. (ESHE)

4. Contractual arrangements have been made for the development of methods to assess selected women's agro-based activities at household/community levels. (ESHE)

2) In the Field

1. Joint FAO/Belgium Training Course on Fertilizer Use Development, Rome and Belgium, May-June 1982 (TF/PP). (AGLF)
2. Joint FAO/ACTIM Training Course on Symbiotic Biological Nitrogen Fixation, Montpellier, France, June-July 1982 (TF/RP). (AGLF)
3. TCDC FAO/UK/India Training Programme on Fertilizer Promotion and Marketing, India, April and September 1982 (TF/RP). (AGLF)
4. Regional Seminar on Pricing Policies and Agricultural Credit, Aman, Jordan, September 1982 (TF/RP). (AGLF)
5. Training Courses and field days at national, district, province and village level on fertilizer use development. (AGLF)

Country	No. of Training Courses	No. of field days
<u>AFRICA</u>		
Burundi	5	300
Gambia	30	100
Guinea-Bissau	5	50
Lesotho	10	30
Madagascar	10	300
Niger	5	20
Rwanda	5	100
Sudan	30	300
Tanzania	30	200
Upper Volta	30	40
Zaire	15	40
<u>ASIA</u>		
Bangladesh	20	1 000
Indonesia	10	1 000
Pakistan	2	--
Sri Lanka	30	50
Thailand	5	30

6. Training course on the treatment and utilization of straw for animal feeding, India, November to December 1982 (UNDP). (AGAP)
7. Workshop on least cost ration formulation, Pakistan, March 1983 (RP). (AGAP)
8. FAO/SIDA International Postgraduate Course on Veterinary Pathology, Uppsala, 1 March to 30 November 1982. (AGAH)
9. FAO/SIDA Regional Follow-up Seminar on Animal Reproduction, Lima, Peru, 15-24 September 1982. (AGAH)
10. National Workshop on Farm Water Management, 19 April to 23 April 1982, Faisalabad, Pakistan. (AGLW)

11. Twenty-five forestry instructors from 13 countries in the Asia and Southwest Pacific Regions were trained on the Second Teachers' Development Course at the Regional Centre for Forestry Education Development at Los Baños, Philippines. (FORE)
12. NIGER - GCP/NER/025(NOR) - "Programme national de perfectionnement et de recyclage en matière de préparation, d'exécution, de suivi et d'évaluation ex-post de projets de développement rural. March 1982 - December 1982. (ESPT)
 - a. "Atelier initial du module de développement régional et préparation de projets", Tahoua, Niger, 10 to 15 May 1982.
 - b. "Atelier final du module Suivi", Tahoua, Niger, 16 to 24 September 1982.
13. SAHEL (CAP-VERT, UPPER VOLTA, MALI, NIGER, SENEGAL) - GCP/RAF/175(SWI) - "Formation en analyse de projets au Sahel (FORPROSA)". September 1982 - September 1985. (ESPT)
 - a. Final workshop of Senegal training cycle in rural development projects preparation and analysis, Ndiaye, Senegal, 19 to 30 April 1982.
14. NEPAL - GCP/NER/028(SWI) - "National In-Service Training on Agricultural Project Analysis and Rural Development Planning". Project ended June 1982. June-December 1982 constitutes bridging period to follow-up phase. (ESPT)
 - a. "Agriculture Project Planning Course", Dandepakhar, Nepal, 14 August - 14 September 1982.
15. LATIN AMERICA - RLA/77/006 - "Training in Planning and Agricultural and Rural Development Projects" - January 1980 to December 1983. (ESPT)

Overall coordination/supervision of and support to training activities carried out in Latin America Region through individual projects (UNDP and/or national cost-sharing). See below:

- a. ARGENTINA - Course on Planning and Rural Development Projects, San Miguel de Tucumán, Argentina, 2 August to 29 October 1982.
- b. BRAZIL - BRA/82/017 - "Course on Rural Development and Programming of Agricultural Supplies to Great Urban Centres", Curitiba (Paraná), Brazil, 7 June to 26 November 1982.
- c. BRAZIL - BPA/82/011 - "International Course on Planning and Integrated Rural Development", Salvador de Bahía, Brazil, 5 July 1982 to 14 January 1983.
- d. DOMINICAN REPUBLIC - DOM/82/001 - "First SEAPLAN/PROCADES Course on Planning for Rural Development", Santo Domingo, Dominican Republic, 3 months May-August 1983.

- e. ECUADOR - ECU/30/001 (Project Title: "Asistencia al Banco Nacional de Fomento"). "First BNF/FAO/PROCADES Course on Investment Projects and Financing Policies, Quito, 27 September to 3 December 1982.
- 16. MEXICO - UTF/MEX/022(MEX) - "Programa Nacional de Capacitación Agro-industrial". May 1982 - April 1983. (ESPT)
 - a. "Curso de formulación y evaluación de proyectos de inversión agro-industrial", Managua, Nicaragua, 31 May to 3 September 1982.
 - b. "Curso de Programación del Desarrollo Agro-industrial", Mexico City, 7 June to 27 August 1982.
 - c. "Curso de Ejecución y Puesta en Marcha de Plantas Agro-industriales", Mexico City, 14 June to 13 August 1982.
 - d. "Curso de Administración de Empresas Agro-industriales", Mexico City, 23 August to 22 October 1982.
 - e. "Curso de Planeación del Desarrollo Agro-industrial", Mexico City, 20 September to 19 November 1982.
- 17. A two-man FAO/World Bank Cooperative Programme mission was made for 4 weeks to Turkey in August 1982 to assist government to prepare an agricultural extension and farmer training project for possible World Bank financing. (DDC)
- 18. Apprenticeships for young African women professionals, involving the participants from Zimbabwe and Lesotho, have been initiated. The training programme will last for six months and will take place in FAO Headquarters and in FAO assisted country projects in Africa. (ESHW)
- 19. A 24-week training course in Farm Buildings and Structures is scheduled between 15 September 1982 to 15 April 1983 in Nairobi. The participants will come from neighbouring east African countries. The funding for this regional training session will essentially be provided by Trust Fund Project (RAF/114. (AGSE)
- 20. Thailand: "Population education in the agricultural sector": A training course was held on integration of population concepts into seven government agency outreach programmes, training in audio-visual production and use for integrating population concepts. (ESHH)
- 21. Bangladesh: "Strengthening agricultural extension" and "Training of women village extension agents": production and training in testing of Bengali to demonstrate to rural families the interrelations between population and development issues. (ESHH)

22. Haiti: Reformulated a two-year training project that focuses on equipping training centres and upgrading capabilities of supervisory monitrices and women extension agents within the Ministry of Agriculture's Family Economics Service (Project No. HAI '82/WO1 - Participation de la femme dans le développement rural). (ESHH)
23. Jordan: A pilot project on Rural Development has been approved for funding from SIDA. The project is based on the promotion of income and employment generating activities for the local population particularly rural women and small and landless farmers. (ESHH)
24. Yemen Arab Republic: A one year project "Community Action Programme for Rural Women" has started in West Khawlan. (ESHH)
25. Latin America:
 - a. Bolivia - Use of audio-visual techniques for agricultural extension. (GIIS)
 - b. Dominican Republic - Audio-visual aids for training extension workers and farmers within the agrarian reform programme. (GIIS)
 - c. Ecuador - Communication support to integrated rural development projects in the country. (GIIS)
 - d. El Salvador - Training extension workers in the use of audio-visual materials for teaching farmers. (GIIS)
 - e. Mexico - Training extension workers and farmers using video and slide sets. (GIIS)
 - f. Peru - Audio-visual training (video) of farmers. (GIIS)
26. Africa:
 - a. Ivory Coast - Training staff of the National Fruit and Vegetable Production Company in the use of video continues. They will use the methodology to train farmers in fruit and vegetable production techniques. (GIIS)
 - b. Ethiopia - A consultant is conducting training of the staff of the Relief and Rehabilitation Commission in the use of audio-visual materials specially printed media for rural development. (GIIS)
 - c. Ghana - The Information Unit and Library of the Ministry of Agriculture is being supported to be able to produce training material for farmers. (GIIS)
 - d. Sudan - A new project for Management of Grazing Resources around Permanent Water Supplies financed by SIDA through UNSO calls for the participation of local people in the identification of needs, formulation of the programme and execution of the plan. Training of the national project staff will start soon. (GIIS)

27. Asia and the Pacific

- a. Thailand - Training of selected staff of the Forestry Department working on an FAO/UNDP project on forest rehabilitation project in Korat province. The training involves a series of communication workshops handled by the Faculty of Communication Arts, Chulalongkorn University. One workshop has been concluded and another is to be held in October 1982. The last three workshops will be held in 1983. (GIIS)
 - b. India - Training trainers in the use of small gauge video for community development. This is handled for FAO by the Centre for Development of Instructional Technology, New Delhi under a trust fund project. (GIIS)
 - c. Bangladesh - Training extension workers in communication strategy planning, design and production of low-cost media (audio-cassettes and slide sets) for an FAO/UNDP project on the strengthening of the extension and information departments, Ministry of Agriculture. (GIIS)
 - d. China - Training selected staff of the Integrated Rural Development Centre in Shandong Province in the use of video for rural development. A video expert from Iowa State University, USA handled the training with the assistance of the Chief of the DSC Branch, FAO. (GIIS)
28. A mission was carried out to the Range Management Institute, Burao, Somalia, 10 to 25 August 1982, to determine how the Institute might be strengthened in order to meet more adequately the needs of the Central and Northern Rangelands Projects for staff qualified at technician level. (ESHE)
29. Mission to Swaziland for the evaluation of Project GCP/SWA/014 (SWE) "Assistance to the Faculty of Agriculture, University of Botswana and Swaziland". The project terminates in 1983. (ESHE)
30. Mission to the Central African Republic - TCP/CAF/0105 - for the preparation of a long-term country plan in Agricultural Education and Training. (ESHE)
31. Mission to Benin - Strengthening of the Faculty of Agronomic Sciences - University of Benin - TCP/BEN/2201. (ESHE)
32. Mission to Cameroon - Participation at the Regional/African Seminar on Integrating Human Nutrition into Agricultural Training - in collaboration with ESN. (ESHE)
33. Training Course on Plant Quarantine (TCP) Trinidad and Tobago, 29 November to 10 December 1982. (AGPP)

Section II

A. Activities Planned for the Future

FAO/DANIDA Dairy Training Programme 1980-84

1. Tentative Work Programme for the FAO Regional Dairy Development and Training Teams (RDDTTs) for the period 1 January to 31 December 1983. (AGAM)
 - a. FAO/DANIDA Teachers Training Course on Quality Control and Extension Service, in Denmark, May - August 1983. (AGAM)
 - b. FAO/DANIDA Teachers Training Course on Milk Plant Maintenance in Denmark, August - October 1983. (AGAM)
 - c. FAO/DANIDA Seminar in Denmark on Energy Saving in the Dairy Industry, June 1983. (AGAM)
 - d. FAO/Finland Training Course to be held in Finland on Fermented Milk, August 1983. (AGAM)
2. Programme for the Control of African Animal Trypanosomiasis and Related Development. (AGAM)
 - a. January 1983: FAO/ODA Postgraduate training course for tsetse and Trypanosomiasis Personnel.
 - b. May 1983: Training Course for middle-level tsetse control personnel.
 - c. October 1983: FAO/OAU/WHO Leadership Seminar on Trypanosomiasis Control.
 - d. FAO/SIDA 5th International Postgraduate course on Animal Reproduction March - November 1983 (not yet decided). (AGAM)
 - e. FAO/SIDA Follow-up Seminar on Veterinary Pathology, Bangkok 14 February - 5 March 1983. (AGAM)
3. Twelfth Session of the FAO Advisory Committee on Forestry Education, 26 - 29 April 1983, Nairobi, Kenya. (FORE)
4. Analysis of the results of two postal surveys of institutions in Africa to determine training needs for forestry development planning. (FORE)
5. Training Courses on Fertilizer Use Development for South African Countries, Lesotho, early 1983 (TF/RP). (AGLF)
6. Joint FAO/Belgium Training Course on Fertilizer Use Development, Rome and Belgium, May-June 1983 (TF/RP). (AGLF)
7. Joint FAO/IAC International Course on Rural Extension and Fertilizer Use, Wageningen, The Netherlands, June-August 1983, (TF/RP). (AGLF)
8. TCDC FAO/India Training Programme on Fertilizer Promotion and Marketing, India, March and September 1983 (TF/RP). (AGLF)

9. National Seminar on Fertilizer Pricing Policies and Subsidies, Sri Lanka, 1st half 1983 (TF/RP). (AGLF)
10. National Seminar on Fertilizer Pricing Policies and Subsidies, Dacca, Bangladesh, 1st half 1983 (TF/RP). (AGLF)
11. Regional Seminar on Integrated Plant Nutrition Systems and their logistics and Symbiotic Biological Nitrogen Fixation, Maseru, Lesotho, Mid-1983 (TF/RP). (AGLF)
12. Regional Seminar on Fertilizer Pricing Policies and Subsidies, Manila (Philippines)/Bangkok (Thailand), second half 1983 (TF/RP). (AGLF)
13. Regional Training Programme on Symbiotic Biological Nitrogen Fixation, Bangkok (Thailand)/Hyderabad (India), Mid-1983 (TF/RP). (AGLF)
14. Workshop on Rice Irrigation Management, Surinam/Guyana, November 1982. (AGLW)
15. National Training Course on Soil Conservation, Costa Rica, 11-22 October. (AGLO)
16. National Training Course on Conservation and Reclamation, Algiers, 16-28 October. (AGLO)
17. National Training Course on Soil Management and Soil Testing, Ekona, 1-10 December. (AGLO)
18. National Seminar on Irrigation Research, Havana, 1-10 December. (AGLO)
19. A Regional Seminar on Prevention of Food Losses in Grain is to be held in Vicosa, Brazil. The Seminar is sponsored partly by FAO and partly by Government of Brazil and the participants will be from Latin American countries. (AGSE)
20. Comoros: Training Workshop for field-level extension workers in the identification of messages on population for rural people and the production of prototype teaching aids for conveying these messages. One year follow-up to integrate these messages at village level. (ESHH)
21. Haiti: Training of women field workers and family planning field workers in collaboration with the Centre Haitien de Recherches pour la Promotion Féminine (CHREPROF), to integrate population messages into outreach programmes and to develop means and methods of carrying this out. (ESHH)
22. Kenya, Zambia, Sri Lanka, Mexico, Yemen and Sudan: It is anticipated that agricultural training for women will be included in the ongoing "Community Action for Disadvantaged Rural Women" projects in these countries. (ESHH)
23. Congo: On the basis of socio-economic studies done by two consultants within the project "Assistance du Ministère de l'Agriculture et de l'élevage pour le développement de la production vivrière et de l'élevage au milieu paysan" UTF/PRC/004/PRC project proposals are developed in order to offer training programmes for the food producers which are mainly women. (ESHH)

24. Senegal: A project is under preparation for the "Promotion rurale et vulgarisation agricole" with a specific component for training of women. Planned activities for Senegal include five country-level workshops on population messages within existing extension programmes and an exchange of experiences on curriculum development and testing at inter-country level. These activities will be concentrated in UNFPA priority countries and will normally be linked with ongoing field projects. (ESHH)
25. Preparation of a consultancy mission on the establishment of demonstration centres to serve rural women in Burundi. (ESHH)
26. National Demonstration Centre for Agricultural Census, Rangoon, Burma, December 1982. (ESSS)
27. National Demonstration Centre for Agricultural Census, Jakarta, Indonesia, early 1983. (ESSS)
28. Assistance will be given to basic training courses in child-care, nutrition and group feeding for participants from the African National Congress of South Africa. (ESNP)
29. In Lesotho assistance will be given to training in the management of school feeding programmes. (ESNP)
30. A workshop is planned on evaluation and preparation of training materials in nutrition and food preparation for Namibian women supervisors from the SWAPO camps. (ESNP)
31. Support will be provided for 5 participants from Latin America to attend a training course in pesticide residue analysis being held in São Paulo, Brazil, November 1982. (ESNP)
33. Guidelines are being developed for food canning industry enterprises in developing countries. (ESNP)
34. Group country workshops will be held for 6 countries from Eastern and Southern Africa and for 12 countries from Asia and the Pacific in food handling at village level. (ESNP)
35. Assist in the follow-up work of the China Ten-Year Agricultural Training Programme. (ESHE)
36. Develop a project proposal on Training Women for Rice Production Extension work. (ESHE)
37. Develop a project idea on training rice subject matter specialists on appropriate extension work for small farmers. (ESHE)
38. Assist in the tripartite review of the Agricultural Extension and Seed Introduction project in the Tihama Region, Yemen Arab Republic and in the formulation of a project to establish the National Agricultural Extension Service in the Yemen Arab Republic. (ESHE)
39. Mission to Niger, for the preparation of a National Workshop on the training of extension workers and trainers of first-line producers, to be held in Niamey. (ESHE)

40. AFRICA (Anglophone)

- a. BOTSWANA, LESOTHO and SWAZILAND/ANGOLA, MALAWI, MOZAMBIQUE, TANZANIA, ZAMBIA and ZIMBABWE - TCP/RAF/0107 - "Training in Agricultural Development Project Preparation", January 1982 - January 1983. (ESPT)

"Workshop on the Assessment of In-Service Training Needs in Agricultural and Rural Project Planning for SADCC Countries", Mbabane, Swaziland, 24 - 27 January 1983.

- b. GAMBIA - TCP/GAM/2202 - "In-Service Training in Identification, Design, Formulation and Appraisal of Agricultural Projects". September 1982 - February 1983. (ESPT)

Two parallel training courses in project development of 4-6 weeks duration, January 1983.

41. AFRICA (Francophone)

- a. NIGER - GCP/NER/025(NOR) "Programme national de perfectionnement et de recyclage en matière de préparation, d'exécution, de suivi et d'évaluation ex-post de projets de développement rural". March 1981 - December 1982. (ESPT)

"Atelier final du module Développement Régional", Tahoua, Niger, 1st half December 1982.

Information Seminar on the activities carried out and results achieved by the Project, December 1982.

TF Italy - "Action de formation en matière d'analyse de projets de développement rural". September 1982 - June 1983. (ESPT)

In-service training and seminars on analysis of rural systems and project identification/preparation, 1983.

- b. SAMEL (CAP VERT, UPPER VOLTA, MALI, NIGER, SENEGAL) - GCP/RAF/175(SWI) - "Formation en analyse de projets au Sahel (FORPROSA)". September 1981 - September 1985. (ESPT)

First regional seminar, Dakar, Senegal, December 1982.

MALI - Preparation and execution of first training cycle in agricultural and rural development project analysis, 1983.

CAP VERT - Preparation and execution of first training cycle in agricultural and rural development project analysis, 1983.

Coordination and support to training activities of TF projects below:

- c. UPPER VOLTA - GCP/UPV/027/(ITA) - "Action de formation en matière de préparation, exécution, suivi et évaluation des cadres du Ministère du Développement Rural et des Organismes Régionaux de Développement (ORD)". June 1981 - May 1983. (ESPT)

- Introduction to Project Analysis, Ouahigouya, Upper Volta, 4 - 10 October 1982.

- Intensive Methodological Course, Upper Volta, 10 - 28 January 1983.
- Field Works, 14 - 25 February 1983, Upper Volta.
- Final Seminar, 14 March - 1 April 1983, Upper Volta.

42. ASIA

- a. BURMA - TCP/BUR/0111 - "National Training on Agricultural/Rural Investment Project Preparation, Appraisal and Management. September 1982 - September 1983. (ESPT)
 - Orientation seminar, 1 month, 1st Semester 1983
 - National Workshop - 6 weeks, 1983
- b. INDONESIA - TCP/INS/0108 - "In-Service Training in Identification, Preparation, Monitoring and Evaluation of Agricultural Projects. January - December 1982. (ESPT)
 - National Workshop on Investment Projects Analysis, Bogor, Indonesia, 18 October - 16 November 1982.
- c. NEPAL - GCP/NEP/028(SWI) - "National In-Service Training on Agricultural Project Analysis and Rural Development Planning". Project ended June 1982. June-December 1982 constitutes bridging period to be followed by 1983-85 training programme to be financed under TF. (ESPT)
 - Monitoring and Evaluation of Agriculture and Rural Development Projects Course, Kathmandu, Nepal, 4 - 14 October 1982.
 - Agriculture Project Planning Course, Kathmandu, Nepal, one month, May/June 1983.

43. NEAR EAST

- a. TURKEY - Support to Agricultural Projects Analysis Course, Ankara, 18 - 23 October 1982. (ESPT)

44. LATIN AMERICA

- a. LATIN AMERICA - RLA/77/006 - "Training in Planning and Agricultural and Rural Development Projects". January 1980 - December 1983. (See Section I for activities extending until after period under consideration, e.g. Argentina, Brazil, Ecuador). (ESPT)
- b. MEXICO - UTF/MEX/022(MEX) - "Programa Nacional de Capacitación Agro-industrial". May 1982 - April 1983. (ESPT)

Between May and December 1982, implementation of 12 short seminars on Agro-industrial Investment Projects Formulation and Evaluation; 2 seminars on Agro-industry and Environmental Factors; 7 seminars on Policy Instruments of the National Agro-industrial Development Plan. (ESPT)

Publications

1. Publication: Irrigation and Drainage Paper No. 39, Lysimeters FAO, 1982. (AGLW)
2. Expert Consultation on Training in Irrigation Water Management, 21-24 September 1982, HQ. (AGLW)
3. Information paper: Farmers' Participation and Organization for Irrigation Water Management, April 1982. (AGLW)
4. Guidelines on Women in Land and Water Development, FAO, Rome, 1982. (AGLW)
5. Proceedings of the International Seminar on Farm Water Management, Islamabad, Pakistan. (AGLW)
6. "Food, Nutrition and Agriculture: Guidelines for Agricultural Training Curricula in Africa" now available in English or French. (ESNP)
7. The Report of the Eleventh Session of the FAO Advisory Committee on Forestry Education was printed and distributed to all forestry schools and forestry research and documentation centres. (FORE)
8. Soils Bulletin 45 - Organic Materials and Soil in Productivity in the Near East (in Arabic). (AGLD)
9. Soils Bulletin 47 - Le Recyclage des Residues Agricoles Organique en Afrique (in French). (AGLD)
10. Irrigation and Drainage Paper 39 - Lysimeters (in English). (AGLD)
11. Remote Sensing Centre Series 6 - Report on Remote Sensing Applied to Renewable Resources (in English, French, Spanish and Arabic). (AGLD)
12. Remote Sensing Centre Series 7 - Application of Satellite Imagery to Soil Survey (in English). (AGLD)
13. Remote Sensing Centre Series 10 - Remote Sensing in Developing Countries FAO's International Experience (in English). (AGLD)
14. A Data Palm-growing Manual has been finalized and printed. (AGPC)
15. A Manual for "Tissue Culture Techniques for Fruit Tree Propagation" is under preparation. (AGPC)
16. A Manual on "mushroom growing" is being printed. (AGPC)
17. Preliminary steps have been taken for the preparation of a handbook on traditional fruit and vegetables in Tropical West Africa. (AGPC)
18. "Dynamique économique et socio-démographique du sous-développement agricole en Algérie. Conditions d'un redressement" par M'hamed Boukhobza (Project UNFPA INT/77/P-14). (ESPT)

19. "Migration and Agricultural Development in Southern Africa" (Project UNFPA INT/77/P-14). (ESPT)
20. "Systèmes de suivi pour le développement agricole. Annexe 1: Le système de suivi des effets de l'Office de mise en valeur agricole du Loukkos (Maroc). Etude de cas sur la conception et la mise en place d'un système de suivi et d'évaluation permanente" par J. Vercueil. Etude FAO: Développement économique et social No. 25, FAO, Rome, 1982. (ESPT)
21. Report on the FFHC/AD African Regional Planning Meeting on Training in Project Formulation held in Nairobi in January 1982. (DDA)
22. "Les bases humaines de l'économie agricole" - Manual on population concepts in agricultural economics courses. (ESHH)
23. Country-level publications: These include a set of slidesets, booklets with commentaries, village-level handbooks for self-teaching and picture books for extension worker use, all adapted to atoll environments. A slideset and booklet on flower production is under testing for Guatemala. From a large package of training materials produced in Swahili for Tanzania, two have been republished in a lingua franca edition as giant (48-33cm) books entitled: "Que coûte un enfant" and "Enfant sain, parents heureux". (ESHH)
24. Publication of International Treatment Manual. (AGPP)
25. Publication of Model Plant Quarantine Act or Law. (AGPP)
26. Publication of Mediterranean Fruit Fly. (AGPP)

Addendum - FAO activities undertaken in the field of agricultural education and training - April to September 1982 (all FIPP)

Section 1. Activities Undertaken in the Field of Agricultural Education and Training

B. Extra Budgetary

1. FAO/DANIDA Regional Workshop on Fish Technology and Quality Control. Manila (Philippines), 26 April to 4 June 1982
2. Training Course on Fishfarm Economics, Lala, Lanao del Norte (Philippines), 22-26 March 1982 - PHI/75/005
3. Training Course on Fishfarm Management and Post Harvest Technology Paombong, Bulacan, (Philippines), 19 May-12 June 1982 - PHI/75/005
4. Training Course on Fishpond Engineering and Construction Calape, Bohol (Philippines), 3 May-10 June 1982 - PHI/75/005
5. Training Course on Fishpond Engineering and Construction, Pagbilao, Quezon (Philippines), 10 May-17 June 1982 - PHI/75/005
6. Training Course on Fishpond Engineering and Construction, Lala, Lanao del Norte, (Philippines), 26 April-3 June 1982 - PHI/75/005
7. Training Course for Senior Aquaculturists from Asia and the Pacific Region (Philippines) I. April 1981 - March 1982. II. April 1982 - March 1983
8. Training Course in Integrated Fish Farming, (China) - at irregular intervals
9. Training Course for Senior Aquaculturists from Port Harcourt (Africa) I. 6 Jan. 1980 - May 1981. II. 30 May - August 1982. III. Oct. 1982 - September 1983
10. Training Course for Senior Aquaculturists from Latin America Pirassununga, Brazil. I. July 1981 - June 1982. II. Jan. 1983 - December 1983

Section II. Activities Planned for the Future

B. Extra Budgetary

1. FAO/DANIDA Regional Workshop on Fish Technology and Distribution for Portuguese-Speaking countries of Africa, Luanda (Angola) February 1983.
2. FAO/DANIDA Regional Workshop on Fish Technology and Quality Control for East African countries, Mwanza (Tanzania), June 1983.
3. FAO/DANIDA National Workshop of Fish Technology and Distribution, Maputo (Mozambique), October 1983 (in Portuguese)
4. FAO/DANIDA National Workshop on Fish Technology and Quality Control, Kenya, November 1983

Publications

1. Fish By-catch. Bonus from the Sea. FAO/IDRC Publication.
2. FAO Expert Consultation on Fish Technology in Africa, Casablanca, Morocco, 7-11 June 1982. FIIU/R268.
3. Fishery Products and the Consumer in Developing Countries. FAO/NORAD Round Table Discussions. Frazer's Hill, Malaysia, 11-16 January 1982. FIIU/R271.
4. Fish Preservation. 1 - Fish Salting (filmstrip and booklet). This filmstrip for training purposes will be available before end 1982. Two additional filmstrips, one on Fish Smoking and one on Fish Drying, will be available in 1983.

40th Session of the FAO/UNESCO/ILO Inter-Secretariat
Working Group on Agricultural Education, Science and
Training

ILO activities in the field of
rural vocational training
April-October 1982

Section I: Activities since the last
ISWG meeting

A. Regular Programme Activities

At Headquarters

1. Final preparation of rural vocational training proposals under the 1984-85 ILO Regular Programme.
2. Preparation of a report on Training and retraining of workers and managers in plantations, to be submitted to the Eighth Session of the ILO's Committee on Work on Plantations (Geneva, December 1982).
3. Preparation of a draft report on "Rural Vocational Training in Asia" for submission to the 18th Session of the ILO Asian Advisory Committee (Geneva, March 1983).
4. Lectured at the 13th International Course on Vocational Education and Teaching in Agriculture, organised by the CIEA, Fribourg, Switzerland, on the subject of non-formal agricultural education (August 1982).
5. Participation in the UNESCO Meeting on the Least Developed Countries' Needs and Priorities in Regard to Education (UNESCO Headquarters, 20-24 September 1982).
6. Mission to Kenya to organise the ILO/SIDA Regional Meeting concerning the evaluation of the ILO/SIDA Regional Project, Skill Development for Self-Reliance (June 1982).
7. Preparation of two studies: "Training for appropriate rural technology" and "Introduction and dissemination of energy-saving techniques and devices". Both studies are expected to be completed before December 1982.
8. Preparation of contribution to the report to the 10th Session of the ILO Advisory Committee on Rural Development (November-December 1983).
9. Servicing of the 14th Session of the joint FAO/ECE/ILO Committee on Forest Working Techniques and Training of Forest Workers (Norway, June 1982).

10. Mission to Germany to represent the FAO/ECE/ILO Joint Committee in a meeting of the International Union of Forestry Research Organisation, Division 3 on Forest Operations and Techniques (July 1982).
11. Participation in the inter-agency evaluation-cum-appraisal mission to Pakistan connected with WFP-assisted projects on watershed management (April-May 1982).
12. Mission to Bangkok to prepare ILO/DANIDA Workshop on Fuelwood and Charcoal Preparation, Asian region, to be held in Thailand in early 1983 (September-October 1982).

B. Technical Co-operation Activities in the field of rural vocational training

1. Pacific: Development and Strengthening of Rural Vocational Training. The project continues to provide technical advisory services to countries in the region. The activities carried out by the project during the period March-August 1982 include:
 - (a) Fiji (1 March-16 April) - completion of multicraft evaluation for Ministry of Education.
 - (b) Fiji (8-12 July) - assistance to women's programmes at Lekutu, Seagaga, Vanua Levu and preparation of prodoc "Adult Education and Training for Rural Women".
 - (c) Fiji (July) - assistance to Ministry of Fijian Affairs and Rural Development on establishment of Rural Training Council.
 - (d) Vanuatu (18-28 April) - by Regional Adviser: progress of UN Volunteers under VAN/79/009 and VAN/81/004 checked; site for cane/rattan furniture training on Pentecost visited and plans for implementation finalized.
 - (e) Vanuatu (24-29 April) - by Training Officer (Women): followed up proposal for "Skill Training Programme for Women".
 - (f) Papua New Guinea (4-19 May) - by Regional Adviser: discussions with Papua New Guinea-based expert on project activities.
 - (g) Papua New Guinea (March-August) - by expert, Mr. Flikkema, main areas of assistance being: an evaluation of vocational centres in Morobe Province; to the re-established Council of Village Development; in establishing a Southern Region Non-formal Education Council; conducting a course in Port Moresby for project co-ordinators for women's development projects; in following up possible ILO/UNDP assistance to SPATF, Ministry of Education (non-formal education).

- (h) Solomon Islands (28 April-4 May) - preparation undertaken for regional course in Outboard Motor/Small Engine Mechanics at the Honiara Technical Institute; plans made for consultancy for chainsaw/milling training; follow-up assistance for establishment of National Council for Community Education and Training under SOI/78/004 investigated.
- (i) Tonga (3-10 June and 8-12 July) - by Regional Adviser: progress of UN Volunteers under TON/81/002 checked; equipment transfer from TON/77/003 finalised; further assistance given with development of vocational agricultural training; training needs relating to water supply identified and provision of UNV proposed; initial planning done for further inputs into both advanced and basic training in Outboard Motor/Small Engine Mechanics. By Training Officer (Women): contact made with women's organisations and programmes and assistance given with development of project for "Training of Women for Improved Rural Living" for funding by UN Voluntary Fund for Decade for Women.
- (j) Western Samoa (11-14 July) - participation on regional courses for women in business management (in PNG) and sewing machine maintenance and repair (Suva) followed up; evaluation of programmes established under SAM/77/003 and future ILO/UNDP assistance to youth development discussed (discussions also held with Office of Tokelau Affairs on nominations for regional courses).
- (k) Cook Islands (14-20 July) - participation in regional courses in Outboard Motor/Small Engine Mechanics, Sewing Machine Maintenance and Repair and Business Management for Women followed up; initial planning done for further assistance with Outboard Motor/Small Engine Mechanics training at operator level in rural areas using a UNV instructor.
- (l) Federated States of Micronesia (3-4 August) - initial planning undertaken of a sub-regional training programme for TTPI entities in Outboard Motor/Small Engine Mechanics for both mechanics (advanced level) and operators (basic level); facilities (at PATS) identified for advanced training programme.
- (m) Marshall Islands (4-11 August) - planning mission on vocational training undertaken in collaboration with UNDAT consultant; initial plans discussed for further assistance with Outboard Motor/Small Engine Mechanics.
- (n) Kiribati (11-18 August) - advice given on development of Institute for Community Development; proposals made for ILO/UNDP assistance to Rural Development and Training Centre, Tarawa Technical Institute; plans discussed for national workshops on rural development co-ordination and on community education and training; UN Volunteer requirements under KIR/79/006 and KIR/81/001 reviewed.

Participation in seminars/conferences

Fiji (22-31 March) - Workshop on "Adult and Community Education".

Papua New Guinea (23-26 August) - Port Moresby, training course conducted for project co-ordinators of Women's Development Projects.

Regional (24-29 April) - Vanuatu, ILO Workshop on "Employment and Human Resources".

Other activities

- (i) Consultant services, Fiji - Consultant provided for evaluation of Adult Training Programme at Marist Training Centre.
 - (ii) Planning of: three regional courses to take place in September/November period; an intercountry programme to assist smaller countries with Outboard Motor/Small Engine Mechanics training; several women's training programmes for possible funding by the UN Voluntary Fund for the Decade for Women.
2. Africa: Skill Development for Self-Reliance Project for Eastern and Southern African countries. The project evaluation was conducted in two phases: March-April 1982, visit to five participating countries by an ILO/SIDA evaluation team; and June 1982, organisation of a regional meeting with participating governments. The project evaluation has recommended that the project be extended for another three years starting from April 1983. Activities carried out by the project include:
- (a) Somalia (July 1982) - discussions with the Ministries of Education and Rural Development to plan follow-up SDRS activities in Somalia.
 - (b) Kenya (September 1982) - organisation of Community Profile Workshop for Village Polytechnic Managers.
 - (c) Uganda (April 1982) - workshop on the preparation of learning packages for the Basic Education for Integrated Rural Development Programme.
 - (d) Kenya (June 1982) - Regional Meeting on the evaluation of the project.
 - (e) Lesotho (April 1982) - planning mission concerning the evaluation of the Community Outreach Programme in Lesotho.
 - (f) Preparation of various technical papers relating to the project concept and approaches, training needs assessment methodology, staff development, etc.
3. Bangladesh/Nepal: Project on "Training for Rural Gainful Activities, A Systems Approach" has been approved by SIDA for implementation in January 1983.

4. Maldives: Rural Youth Vocational Training Programme. The Team Leader (Handicraft Expert) joined the project in September 1982. Several UN Volunteers are expected to join the project before the end of 1982.
5. Vanuatu: Skill Training Programme for Women. The project is financed by the Voluntary Fund for the United Nations Decade for Women. An Associate Expert is expected to join the project before the end of 1982.
6. Fiji: Rural Population Training for Women and Youth. The project is under consideration by the Voluntary Fund for the United Nations Decade for Women. It is expected that the project will become operational before the end of 1982.
7. Haiti: Projet-pilote de formation, recherche et promotion de l'emploi dans le secteur artisanal de la péninsule Sud. The project is now fully operational with UN Volunteers assigned to it.
8. Brazil: Employment Policies and Labour Relations. A rural vocational training component is foreseen within the framework of the project. The Rural Training Adviser will give support to the activities of planning, execution and evaluation of the performance of the National Rural Training Service (SENAR). The initial duration of assignment of the expert is 12 months, foreseen to start as from October 1982.
9. Upper Volta: Rural Artisan Training. A project reformulation mission will take place in October 1982. Continuation of the project beyond its present cut-off date of December 1982 has been foreseen in the UNDP Country Programme for Upper Volta.
10. Central African Republic: Promotion de l'artisanat rural en liaison avec le Développement Communautaire. This new project proposal has been submitted to the Government for consideration under the UNDP Country Programme. The first phase of the project will be concerned with the identification of technological learning needs of rural communities and the preparation of a training programme for rural artisans to be given in existing rural artisan training centres. Another objective of the first phase is to prepare, as appropriate, a long-term programme of action, including technical co-operation project (Phase II).
11. Laos: Rural Vocational Training. The starting date of the implementation of the project is now postponed to March 1983. Two ILO experts and several UN Volunteers are foreseen for the implementation of the project.
12. Upper Volta: Women's Artisanal Training. The project (UPV/82/009) is a continuation of UPV/79/003. Under the new project, an ILO expert on ceramics training and six UN Volunteers are to consist the international project personnel. The new project commenced work in September 1982.

C. ILO activities which have a complimentary role in agricultural education and training programmes

Workers' Education Programme activities since the last ISWG

1. Latin America: Continuation of 12-month DANIDA supported project for workers' education for rural workers' organisations in Honduras, Costa Rica and Panama; holding of three-week workshop in San José commencing 26 July.
2. Latin America: Commencement on 1 August of three-month DANIDA-supported regional training course on the special services of rural workers' organisations - held in Venezuela and attended by 24 participants drawn from rural workers' organisations in ten countries.
3. Latin America: Mission to secure photographic material for use in the development of a Latin American version of the filmstrip of special services of rural workers' organisations.
4. Latin America: Translation and processing for publication of a Latin American version of the workers' education kit for an induction course for field officers of rural workers' organisations.
5. Venezuela: Publication of a study report on the work and services of the Federación Campesina de Venezuela.
6. Africa: Preparatory work for the publication in Swahili of the two ILO rural workers' education Guides - Structure and Functions and Special Services of Rural Workers' Organisations.
7. Togo: Field mission to study the organisation problems of self-employed rural workers and commencement of preparation of study report.
8. Asia: Preparatory work for the publication in Tamil of the two ILO rural workers' education guides - Structure and Functions and Special Services of Rural Workers' Organisations.
9. Fiji: Publication of study report on Rural Workers' Organisation in Fiji.
10. India: Commencement of project for membership and leadership training within the Shetkari Shetmajoor Panchayat - a rural workers' organisation in the State of Maharashtra.
11. Sri Lanka: Commencement of 12-month workers' education project for membership education in the Ceylon Workers' Congress.
12. Sri Lanka: Field mission to study the problems and organisation among plantation workers and commencement of preparation of study report.

Co-operatives

I. Inter-regional/Regional

1. ILO/DANIDA/78/INT/22: Financial management of rural co-operatives (follow-up) seminar, 21 March-4 April 1982.
2. ILO/DANIDA/81/INT/48: Financing Co-operative Development - Study tour plus national follow-up and consultancies.
3. ILO/NOR/81/RAS/31: Asia: Series of national workshops on Co-operative Training Policy and Standards in Selected Asian Countries.
4. ILO/SIDA/72/INT/7: Training Materials and Techniques for Co-operative Management (MATCOM, Vienna).
5. ILO/NOR/75/RAF/15: Co-operative Support to World Food Programme, Sahel (ACOPAM).
6. ILO/FIN/80/INT/7: Asia sub-regional - Survey on the use and production of appropriate technology tools for forestry and agriculture.
7. ILO/FRG/77/RLA/6: Central America - Co-operative Support to Food Aid-Assisted Development Activities.
8. ILO/NETH/79/RAF/1: Women's Involvement in Co-operatives.
9. ILO/SIDA/74/RAS/6: Strengthening of Inter-cooperative Trade Relations (Phase II).

II. National

Africa

1. Botswana: ILO/DANIDA/77/BOT/1: Strengthening the Co-operative Movement (distribution of consumer goods and farm inputs).
2. Burundi: ILO/UNDP/BDI/78/001/H: Co-operative Movement Development.
3. Cameroon: ILO/UNDP/CMR/78/001/C: National Project for Co-operative Education.
4. Cap Vert: CVI/82/002: Consultancy in Co-operative Training and Management.
5. Ethiopia: ILO/UNIDO/ETH/77/018: Assistance to Handicrafts and Small-Scale Industries Development (HASIDA).
6. Cote-d'Ivoire: Présentation aud PNUD, pour financement, du PRODOC "Promotion coopérative - Assistance à la direction de la mutualité et de la coopération".
7. Gambia: ILO/NOR/79/GAM/1: Strengthening of Co-operative Education, Training and Management.

8. Malawi: ILO/UNDP/MLW/80/035: Consultancy in co-operative development, planification and training.
9. Mali: ILO/NOR/77/MLI/2: Co-operative Training Centre.
10. Niger: ILO/DANIDA/76/NER/2: Co-operative Training (Phase II).
11. Niger: Prévision d'une "Assistance en matière de gestion des coopératives", COOP/Ministère de la fonction publique et du travail. (Pipeline)
12. Senegal: ILO/UNDP/SEN/82/004: Equipement et organisation groupements précoopératifs féminins.
13. Sudan: ILO/UNDP/SUD/77/009/D: Co-operative Fisheries and Boat Building.
14. Sudan: ILO/UNDP/SUD/77/010/D: Strengthening Co-operative Department - Southern Region.
15. Sudan: ILO/UNDP/SUD/79/006/C: Development of Co-operative Training Centres.
16. Sudan: ILO/DANIDA/79/SUD/2: Establishment of a Regional Co-operative Training Centre.
17. Togo: ILO/UNDP/TOG/78/009/E: Co-operative Promotion.

Asia

1. Burma: ILO/UNDP/79/010: Co-operative Management Services.
2. Indonesia: ILO/UNDP/INS/78/068: Co-operative Training.
3. Papua New Guinea: ILO/UNDP/PNG/78/011/C: Promotion of Women's Business.
4. Solomon Islands: ILO/UNDP/SOI/81/003: Co-operative Marketing and Consumer Distribution.

Americas

1. Colombia: ILO/UNDP/COL/76/016/J: Support to the Development of Co-operative Sector.
2. Haiti: ILO/UNDP/HAI/78/022/I: Co-operative Organisation and Training (Phase III).
3. Nicaragua: ILO/UNDP/NIC/79/010/C: Training for the Organisation of Producers and employment in agrarian reform.

Caribbean

1. Bahamas: ILO/UNDP/BHA/78/009/C: Co-operative Development, Management, Education and Training.
2. Barbados: ILO/UNDP/BAR/78/004/B: Co-operative Organisation and Development.

Middle East

1. Jordan: ILO/UNDP/JOR/79/006/D: Co-operative Training and Consultancy Support.
2. PDR Yemen: ILO/UNDP/PDY/76/012/K: Strengthening of the Co-operative Institute Dar Sa'ad.
3. PDY Yemen: ILO/IFAD/PDY/81/01/A: Agricultural Support Services.
4. Turkey: ILO/UNDP/81/006: Co-operative Organisation and Development.
5. United Arab Emirates: ILO/UNDP/UAE/80/009/B: Strengthening the Women's Handicraft Centre (Phase II).

Employment Promotion and Development

1. Philippines: Implementation of Appropriate Technology in Philippine Forestry (ILO/FIN/78/PHI/2). The project, having been completed in May 1982, is concluded in its terminal evaluation report that its objectives have been achieved to a great extent. As a follow-up, a regional TCDC network in forestry technology is suggested.
2. Philippines: Group Action and Employment Generation Among Rural Workers Engaged in Sugar Cane Production (RBTC and Dutch multi-bi). The project, being operational in January 1981, is extended up to "December 1982". Major efforts are being made by community facilitators to carry out motivational and catalytic work to stimulate rural workers in group/organisational formation, collective deliberation on choice of economic projects and initiating chosen projects.
3. Labour Market Information through Key Informants: This is a report which sets out the experience made through an ILO-sponsored experimental programme to test the applicability of the "key informants approach" as a practical and cost-saving means of gathering manpower and employment information in the informal sector and, particularly, the rural sector in developing countries. The report also contains the conclusions of an evaluation seminar which was held in Bangkok in November 1982 to pronounce itself on the suitability of the key informants system. It shows that a substantial part of labour market information obtained through key informants is relevant for decision-making in vocational training planning and programming in rural areas, especially in those cases where other sources of information are very sparse.
4. A review of Rural Manpower Assessment and Planning in Developing Countries: This was prepared as an input into a manpower planning seminar held in Vanuatu in April 1982 for the South Pacific region. It reviews the work done by the ILO and FAO as well as by a number of selected developing countries in the field of rural/agricultural manpower planning since the early 1970s. The paper argues that the main publications issued by the ILO and the FAO on this subject offer a fairly complete and systematically presented arsenal of approaches, methods and

practices, from which developing countries can choose for the assessment of, and the planning for, the development and utilisation of their rural manpower resources. The paper adds that it is up to the developing countries themselves to decide to what extent and in what specific ways they make use of those approaches, methods and practices which would best suit their conditions, priorities and capacity and whether, in this respect, they would wish to benefit from technical co-operation support.

5. Upper Volta: UPV/70/004 - Promotion de l'emploi rural - ORD de KOUPELA. EMP/URG/Ministère de la fonction publique et du travail et Ministère du Développement rural. Financement coopération technique suisse. Prolongation 15 décembre 1981 au 31 août, 1982. Prolongation ultérieure prévue sur financement CTS.
6. Upper Volta: UPV/2239 EXP - Développement rural à buts multiples - "Installation d'agriculteurs dans les vallées des Volta libérées de l'Onchocercase".
7. Togo: Préparation d'un projet "Assistance à la formulation, l'organisation et l'exécution d'un programme spécial d'emploi et de formation de la jeunesse en vue du développement".
8. Ivory Coast: Présentation au PNUD, pour financement, du PRODOC "Assistance à l'artisanat: Renforcement des structures de planification, de promotion et de formation".

Section II: Rural vocational training
activities planned for the
future

1. Preparation of studies: (a) Reassessment of Principles and Practices, including infrastructure and finances, supporting the planning, organisation and delivery of rural vocational training at the grassroot level; and (b) Development of relevant training materials for the utilisation in mass media and mobile units for rural vocational training programmes.
2. Completion of two studies: (a) Introduction and dissemination of energy-saving techniques and devices; and (b) Training for appropriate rural technology.
3. Continuing provision to member States of technical advisory services in rural vocational training, including forest workers' training.
4. Preparation of training manuals on logging and ergonomics applied to forestry.
5. Revision of training manual on charcoal making.
6. Finalisation of monograph on forest workers' training in the ECE region.

7. Participation in the Asian and Pacific Skill Development Programme (APSDEP) Workshop on Rural Vocational Training, November 1982, Kathmandu.
8. Mission to Upper Volta relating to project reformulation of Rural Artisan Training Project.

UNESCO ACTIVITIES IN THE FIELD OF AGRICULTURAL

EDUCATION AND TRAINING

APRIL TO OCTOBER 1982

SECTION I - ACTIVITIES SINCE THE LAST ISWG MEETING - Regular Programme Activities

- I.1 Participation in preparation of the draft of the Second Medium Term Plan 1984-1989
- I.2 Preparation of Programme Activity Details for 1983
- I.3 Organisation of the International Workshop on "Management of Human Resources for Rural Development" in co-operation with the International Center for Advanced Mediterranean Studies (Montpellier, France, 6-13 June 1982).
- I.4 Co-organisation and participation in the International Workshop on "Teaching Methods in Agriculture" in co-operation with the Center of International Development and the School for Part-time Studies and Continuing Education of the Guelph University (Guelph, Canada, 27 June - 11 July 1982)
- I.5 Participation in the Annual Congress and the following Seminar on "Farming as a Way of Life" organised by the International Association of Agricultural Students at the Kerhaven School of Agriculture (Kerhaven, Denmark, 7-22 August 1982)
- I.6 Participation in the 13th International Course on Vocational Education and Teaching in Agriculture co-organised in collaboration with the International Center for Agricultural Education (Agricultural Institute of the Canton of Fribourg, Grangeneuve, Switzerland, 23 August - 17 September 1982)
- I.7 Made arrangements for final preparation of the Regional Seminar/Workshop on Curriculum Development in Agriculture with the Indian Council for Agricultural Research, New Delhi
- I.8 Final preparations for the Regional Seminar/Workshop in Asia on Agricultural Teaching Methodology for Non-Technical Personnel and Extension Workers which will be held at SEARCA Headquarters in November 1982.
- I.9 Participation in the preparation of the Workshop on Rural Development with Emphasis on Socio-economic Aspects of Biofertilizer Use in Village Agricultural Practices in partnership with the MIRCEN network for East Africa at the University of Nairobi.
- I.10 Preliminary consultations with the Asian Association of Agricultural Colleges and Universities on Aspects of Agricultural Education and Training foreseen in 1983
- I.11 Made arrangements for preparation of articles for the FAO/UNESCO/ILO Journal "Training for Agriculture and Rural Development"

- I.12 Participation - as observer - in the "First Session of the Working Party on Women and the Agricultural Family in Rural Development" organised by FAO in collaboration with the European Economic Commission. A paper was presented on Unesco's programme and activities on this matter (Brest, France, 12-16 September 1982)
- I.13 Participation in the Round Table on "Agricultural Higher Education and Aid to Development" organised by the Ecole Nationale du Génie Rural, des Eaux et des Forêts (France) with the co-operation of the French Ministries of Agriculture and Co-operation, FAO, OECD and the EEC (Paris, 14 May 1982)
- I.14 Participation in an informal "Working Group on the Universalization of Primary Education" (Paris, Unesco Headquarters, June/July 1982)
- I.15 Participation in the "Meeting on the Least Developed Countries' Needs and Priorities in regard to Education" (Paris, Unesco Headquarters, 20-24 September 1982)
- I.16 Continued negotiations for a Seminar on the "Revision of Curricula in Agricultural Higher Education" in the Arab countries
- I.17 Continued planning and preparation of outlines for the working documents for the Seminar on "Introduction of Social Sciences in Agricultural Higher Education" in Africa, which will be held in co-operation with the African Association of Agricultural Faculties (Dakar, Senegal, 16-27 January 1982)
- I.18 Technical scrutinies and recommendations on requests from Member States under the Participation Programme for technical assistance and grant of fellowships and study tours in the field of agricultural training and education for rural development. The following countries were concerned: Cameroon, Gabon, Gambia, Iraq, Oman, Portugal, Togo.
- I.19 Organisation of two national workshops on the "Evaluation of the Impact of Introduction of Agriculture in General Education" (Tunisia, April and May 1982)
- I.20 Preparation for a national workshop on the "Evaluation of the Impact of Introduction of Agriculture in General Education" in Mali
- I.21 Preparation of the final manuscript of the study on "The Role of Education in the Adoption of Technologies designed to Improve Living and Working Conditions in the Context of Agrarian Reform in Cuba".
- I.22 Preparation of a national multi-disciplinary operational seminar in Ecuador on "Planning of Educational Components of Rural Development Programmes and Projects"
- I.23 Substantive support to the regional seminar on "Strategies for Education in Rural Areas in Latin America".
- I.24 Following the mission of a staff member of ED/LAR to St. Lucia and the Commonwealth of Dominica, at the requests of the Governments concerned, reports on "Education for Rural Development" and "Relevance of Education to the Needs of the Rural Population" were submitted.

- I.25 An evaluation of the programme of rural pilot projects (1968-1982), the objective of which is to help Member States carry on the process of renovation of their educational systems towards their adaptation to rural conditions, is being undertaken. This evaluation will appear in publication form. The manuscript will be ready by January 1983.
- I.26 Participation in the High-level WCARRD Follow-up Mission in Ethiopia from 1 - 8 May 1982 (report under preparation at FAO).
- I.27 Publication of the report on the Operational Seminar on Integrated Rural Development and the Role of Education held at Bakht-er-Ruda, Sudan
- I.28 Preparation of the final manuscripts of the following two studies:
- (a) Strategies of Development and the Role of Education in Tanzania
 - (b) Relevance of Education to Work in Rural Areas in Bangladesh
- They will be available for distribution by December 1982
- I.29 Preparation for a multi-disciplinary seminar on the Planning of the Educational Components for Rural Development which will be organised in December 1982 in Tanzania. The report will be published in 1983
- I.30 Two studies on the "Problems and Prospects of Universalization of Primary Education and its Implications for Rural Development" have been undertaken - one in China and the other in India. The studies will be completed in 1983.

Activities under extra-budgetary sources

- I.31 Contribution to the planning of educational training components for World Food Programme requested by Member States. The following countries were concerned: Algeria, Guinea, Senegal, Uganda, Zambia.
- I.32 Technical backstopping to operational projects in agricultural education or education for rural development. This contribution includes: project preparation; project supervision and inspection; evaluation of experts and consultants; briefings and debriefings; preparation and/or analysis of technical reports. The following countries were concerned: Albania, Angola, Egypt, Gabon, Equatorial Guinea, Columbia, Guatemala, Nicaragua, Republique Centrafricaine, Republique Populaire du Congo, Haiti, Upper Volta, Mali, Pakistan, Zaïre.
- I.33 Participation in the Tripartite Review and Evaluation Mission of the Integrated Rural Education Centres (IREC), Maridi, Sudan (FIT/507/SUD/10-Unesco/FRG), 12-25 May 1982. The evaluation report has been submitted to the Government of Sudan (copies restricted)

SECTION II - ACTIVITIES PLANNED FOR THE FUTURE

- II.1 Participation in the preparation of the Programme and Budget for 1984/1985
- II.2 Participation in the Fourth Extraordinary Session of the General Conference on the Second Medium Term Plan (1984-1989)

- II.3 Organisation of the Regional Seminar on "Introduction of Social Sciences in Agricultural Higher Education" in co-operation with the African Association of Agricultural Faculties (Dakar, Senegal 16-27 January 1983)
- II.4 Contribution to the General Conference of the African Association of Agricultural Faculties and the following Seminar of AFAA
- II.5 Planning and preparation for two regional seminars in the Arab region on the revision of higher agricultural education curricula, and the introduction of social sciences in higher agricultural education.
- II.6 Continued technical backstopping to extrabudgetary operational projects
- II.7 Negotiations for a seminar to be organised by the International Association of Agricultural Students in Africa
- II.8 Participation and substantive support to the national multi-disciplinary operational seminar in Ecuador on "Planning of Educational Components of Rural Development Programmes and Projects"
- II.9 Preparation of a regional seminar on "The Methodology of Elaboration and Evaluation of Higher Agricultural Education Curricula in Latin America"
- II.10 Preparation of a national seminar for in-service training of rural development personnel in Latin America

ILO Supplement

ADDENDUM

Cameroon, CMR/78/006 - Assistance à l'Office National de
Participation au Développement

Congo, PRC/79/002 - Développement Rurale dans les regions
du pool et de plateaux

Sudan, 82/AP/SUD/LS.26/ILO - Studies to promote Income-
Generating Activities for Refugees in Eastern
Sudan

Somalia, Income Generating Projects for Women Refugees in
Somalia (new proposed title: Integrated Refugee
Camps Development Project)

