

	<p><b>CURRICULUM VITAE</b></p> <p><b>Dr W Ian Robinson</b></p>
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**Discipline:** Agriculture: Crop and Livestock Assessment, Food Security, Extension, Training & Education, Production Project Development, Management and Appraisal.

**Years of Relevant Experience:** 40+

**Nationality:** British

**Professional Qualifications:** 1967 B.Sc. Agricultural Science (London)  
1971 Ph.D. Animal Production and Environment (Wales)

**Languages:** English (mother tongue); Arabic (good); French (good).

**Present Employment:** Director, AA International Ltd. (2005- )  
Director Emeritus, CAZS-Natural Resources, University of Wales, Bangor (2005 - ).

**Key Experience:** Agricultural programme/project identification, preparation, management and appraisal.  
Extension/training advisor on agricultural projects throughout Africa, the Middle East and the Caribbean.  
Animal production, research and development in Middle East, Africa and the U.K.  
Establishment of agricultural education facilities and programmes (Middle East, Philippines, Africa and UK).  
Liaison with research departments, universities, international organisations and rural communities worldwide.  
Management of International Research and Development Centre.  
Agricultural assessment and food security programmes in Africa, Europe and Asia.  
Emergency and post emergency support programmes in Africa and Europe.  
Residential Technical Assistance in Saudi Arabia (2yrs), Oman (3yrs), Syria (1½yrs), Mali (½yr), Benin (1yr), Philippines (3yrs)

**Positions:**

Member of University of Wales Subject Panel, Rural Sciences. 1993-2000

External Examiner, PhD, University of Reading 1999

External Examiner M Ag Sci. Agric. Research Technology and Extension. University of Reading. 1997-1999

External Examiner MSc Agric. Extension. University of Reading. 1996-1999

Agric & Forestry, Senior Editor, Journal of Arid Environments Academic Press, 1993-1997.

Agric & Forestry, Editor, Journal of Arid Environments Academic Press, 1997-.

National Committee Member, Africa and Middle East, Christian Aid, U.K. 1991-

Independent member, Programme Committee ACORD. 1984-1996

Member of ODA Plant Sciences Strategic Area Advisory Committee (SAAC). 1993-6

Project Assessor. Band Aid. 1985-89

External Assessor, Overseas Unit, University College, Cardiff. 1983-5

Editorial Board, Agricultura Mediterranea. 1987-

Editorial Panel, Mulga Research Centre Journal. 1994-

**Employment History:**

2005- Managing Director, AAInternational Ltd – Agriculture and Rural Situation Assessments

1993-2005 Director, CAZS: Directing a self-funding, natural resource-oriented, multi-disciplinary group, carrying out commercial consultancies, research management, contract research, academic links, and district/village development programmes in a variety of countries; plus formal MSc courses (Rural Resource Management - Overseas Option; Water Resources; World Animal Production - Development Option) and custom-designed short courses in the U.K and overseas.

1990-1993 Project Coordinator/Team Leader, RP-EEC AGRED Agric. Education Programme, Rep. of Philippines.

1988-1990 Associate Director, Centre for Arid Zone Studies, University of Wales

1985-1988 Senior Research Fellow, Centre for Arid Zone Studies, University of Wales

1980-1985 Freelance Consultant

1976-1979 Principal, Nizwa Agricultural Institute, Sultanate of Oman

1973-1976	Senior Lecturer, Animal Production, Welsh Agricultural College, Aberystwyth, Wales
1972-1973	Technical Training Executive, Institute of Corn & Agricultural Merchants, London
1970-72	Research Officer/Senior Farm Manager, Hofuf Agricultural Research Centre, Hofuf, Saudi Arabia
1967-1970	Research Officer, University College of North Wales, Bangor

**Professional Experience:**

2009 SOMALIA	Fieldwork for PET Development, FAO.
2009 NORTH SUDAN	Consultant to Crop and Food Supply Assessment Mission, FAO.
2009 UGANDA	Second visit: Livestock Consultant, Karamoja Livelihoods Development Programme, FAO.
2009 KENYA	Preparatory visit: Pictorial Evaluation Tool Development for Crop and Livestock Assessments in Somalia, FAO.
2009 TAJIKISTAN	Crop and Food Supply Assessment Mission and Review of Crop Assessment Methodologies, FAO.
2009 UGANDA	Livestock Consultant, Karamoja Livelihoods Development Programme, FAO.
2009 LIBYA	Agricultural Consultant to the "Green Mountain Project for a Sustainable Future", Ramboll UK.
2008 ETHIOPIA	UN Crop and Food Supply Assessment Mission, FAO/WFP
2008 SUDAN (South)	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
2008 CENTRAL ASIA	Regional Study of Food Markets, WFP
2008 CAUCASUS	Regional Study of Food Markets, WFP
2007 ETHIOPIA	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
2007 SUDAN (South)	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
2007 ERITREA	Emergency Co-ordinator, UN FAO, Phase 3
2007 ERITREA	Emergency Co-ordinator, UN FAO, Phase 2
2007 RWANDA	Crop and Livestock Assessment Training, WFP/MoA Rwanda
2007 ETHIOPIA	External Examiner, Mekelle University, Tigray

2007 ERITREA	Emergency Co-ordinator, UN FAO, Phase 1
2006 ETHIOPIA	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
2006 UK	Rewriting of Agricultural Chapter of the FAO Guidelines for Crop and Food Supply Assessment Missions, UN FAO
2006 SUDAN	Second Mentor Visit to South Sudan Livelihood Recovery and Development Project, FARM-Africa
2006 SUDAN	Training of FAO, WFP and GoSS Extension Officers on use of Pictorial Evaluation Tools, UN FAO
2006 ETHIOPIA	Preparation of Second Phase of Operational Research Capacity Building for Sustainable Livelihoods and Food Security, Irish Aid
2006 ITALY	Preparation of Handbook for Improved Integration of Root and Tuber Crops in CFSAM Food Balance Sheets, UN FAO
2006 SUDAN	Mentor to South Sudan Livelihood Recovery and Development Project, FARM-Africa
2006 MOZAMBIQUE	Improved Integration of Root and Tuber Crops in CFSAM Food Balance Sheets, UN FAO
2006 SUDAN	Post-Harvest Food Supply Assessment Mission, UN FAO
2006 SUDAN	Data collection and testing of Pictorial Evaluation Tool (PET), UN FAO
2005 ETHIOPIA	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
2005 ROMANIA	Project Preparation Mission. CAZS-NR/IRS-Aberystwyth. Vocational Training in Agric Sector.
2005 SUDAN (South)	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
2005 SUDAN (South)	Design and testing of a crop assessment technique created around a Pictorial Evaluation Tool (PET), UN FAO
2005 ETHIOPIA	Development Workshop; DCI, Operational Research and Capacity Building Programme.
2005 ETHIOPIA	International Workshop Management, Agricultural Census detailed analysis DFID funded support to Central Statistical Agency, Addis Ababa,
2005 MOZAMBIQUE	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP

2005	ETHIOPIA	Development Cooperation Ireland, Operational Research and Capacity Building Programme. Farm Recording Introduction of system to peasant farmers.
2004	ETHIOPIA	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
2004	SUDAN (South)	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
2004	ETHIOPIA	DFID funded support to Central Statistical Agency, Addis Ababa, Project Director, Review of progress.
2004	ETHIOPIA	Development Cooperation Ireland, Operational Research and Capacity Building Programme , Technical Assistance Team Leader, Planning meeting
2004	KENYA	Visits to FAO ( South Sudan), Planning for Emergency Programme
2004	ETHIOPIA	DFID funded support to Central Statistical Agency, Addis Ababa, Project Director, Review of progress.
2004	SUDAN	Field Survey. "Enhancing Agro-Pastoralist Production among the Beja Pastoralists of Eastern Sudan". CBSE/BKHE
2004	ETHIOPIA	Development Corporation Ireland, Operational Research and Capacity Building Programme, Technical Assistance Team Leader, Planning meeting
2004	MOZAMBIQUE	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
2003	ETHIOPIA	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
2003	ETHIOPIA	Development Corporation Ireland, Operational Research and Capacity Building Programme, Technical Assistance Team Leader, Planning meeting.
2003	SUDAN	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
2003	ALGERIA	Mission Leader, Food Security, Development and Exile Mission to the Sahraoui Refugee Camps in Tindouf, Algeria, Oxfam Belgique.
2003	IRAQ	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
2003	ETHIOPIA	Design and testing of a crop assessment technique created around a Pictorial Evaluation Tool (PET), WFP
2003	ETHIOPIA	Development Corporation Ireland, Operational Research and Capacity Building Programme, Technical Assistance Team Leader, Planning meeting.

2003	SUDAN	Agricultural Consultant, UN Contingency Plan for Peace in Sudan, FAO
2002	ETHIOPIA	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
2002	ETHIOPIA	Team Leader, Water Catchment Development Support Programme. Derivation and initiation of support activities. Tigray. REST/US-AID
2002	AFGHANISTAN	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
2002	SUDAN	An evaluation of DIA programmes in Hamesh-Koreb. DIA/GoN.
2002	SUDAN	Field Survey. "Enhancing Agro-Pastoralist Production among the Beja Pastoralists of Eastern Sudan". CBSE/BKHE.
2002	UGANDA	GIEWS Regional Workshop for Eastern & Southern Africa on Methodology for Crop and Food Supply Assessments. FAO/WFP
2002	ETHIOPIA	Workshop in Mekelle on Operation Research for Arid/Semi-arid Areas. Ireland Aid
2001	ETHIOPIA	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
2001	SUDAN	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
2001	ETHIOPIA	Review of Integrated Food Security Programmes. Ireland Aid.
2001	ERITREA	Team Leader, Assessment of intervention opportunities in Zoba Debub, Oxfam Solidarité, Belgian Survival Fund, MFA Belgium.
2001	KOSOVO	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
2001	SERBIA	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
2001	ETHIOPIA	Team Leader. Evaluation of DF-Funded Development Programmes implemented by the Relief Association of Tigray (REST) (Development Fund -Norway).
2001	OMAN	British Council-hosted visit to MoA officials.
2001	INDIA	HE Link visit to Xavier Institute of Management, Bhubaneswar, British Council

2001	ERITREA	Formulation of Integrated Programme for Livelihood Security among Lowland Agro-pastoralists in Eritrea and Sudan. CBSE/BKHE, Belgian Survival Fund, MFA Belgium
2001	ERITREA	Community Animal Health Training. CBSE/BKHE, Belgian Survival Fund, MFA Belgium.
2001	ERITREA	Leader of Preliminary Study and Formulation of a Small-Scale River Diversion Development Programme in the Eastern Lowlands of Eritrea (Gash-Barka), SOS FAIM
2000	ETHIOPIA	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
2000	SUDAN	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
2000	INDIA	HE Link visit to Xavier Institute of Management, Bhubaneswar, British Council.
2000	ETHIOPIA	Team Leader, Review of Agriculture / Natural Resource Management Projects, Ireland Aid.
2000	BOTSWANA, LESOTHO, SOUTH AFRICA	Global change effects on rangeland management - identification of indicators and monitoring of systems. EC - INCO-DC
2000	KOSOVO	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
2000	ERITREA	Team Leader. Evaluation Mission "Boosting of small-scale horticulture in Eritrea" project. SOS Faim
2000	MOZAMBIQUE	Agriculturalist, UN Crop and Food Supply Assessment Mission, FAO/WFP
2000	MACEDONIA	Consultant. Monitoring and Assessment of EC Phare Agriculture Programme, EC
2000	SUDAN	Team Leader, Field Survey Team to evaluate "Enhancing Agro-Pastoral Production among the Beja Pastoralists of Eastern Sudan", CBSE/BKHE.
2000	CAMEROON	Visit re provision of technical assistant to provide support to natural resources degree courses to Bamenda University of Science and Technology. BUST/INDECO
2000	INDIA	HE Link Visit to Xavier Institute of Management, Bhubaneswar. British Council
2000	KOSOVO	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
1999	SOUTH SUDAN	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP

1999	NORTH SUDAN	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
1999	KOSOVO	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
1999	ALBANIA	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
1999	MACEDONIA	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
1999	JORDAN	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
1999	ERITREA	Team Leader, Evaluation Mission, Rehabilitation and Development of Agriculture in the Zula Plain. BKHE/CBSE, Belgium / MOA, Asmara
1999	TANZANIA	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
1998	SOUTH SUDAN	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
1998	NORTH SUDAN	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
1998	ETHIOPIA	Project Completion - Institutional Development Mekelle University - World Bank
1998	PHILIPPINES	Project Coordinator/Team Leader - Closure of Agric. Education Programme. RP-EEC AGRED - EEC
1998	ANGOLA	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
1998	BOTSWANA, LESOTHO, SOUTH AFRICA	Global change effects on rangeland management - identification of indicators and monitoring of systems. EC - INCO-DC
1998	ETHIOPIA	Project Coordinator: Preparation of programme for coming years' technical assistance for Mekelle University College Link, World Bank
1997	ETHIOPIA	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
1997	MONGOLIA	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
1997	INDIA	Project preparation - Management Information Services, British Council.

1997	ETHIOPIA	Project Coordinator: Preparation of programme for coming years' technical assistance for Mekelle University College Link, World Bank
1997	ERITREA	Team Leader, Mid-Term Review District Level food security development programme, Oxfam Belgique
1997	ANGOLA	Team Leader, UN Crop and Food Supply Assessment Mission, FAO/WFP
1997	LATVIA	Consultant, Development of Latvia Agriculture University, EC-TACIS
1997	INDIA	Consultant, Review of short course on Rural Environmental Management, Xavier Institute of Management, British Council
1997	ERITREA	Team Leader, Ex-post project impact review of Agriculture Research and Training Programme 1985-1995, ACORD
1996	ETHIOPIA	Team Leader, UN Crop and Food Supply Assessment Mission FAO/WFP
1996	MONGOLIA	Team Leader, UN Crop and Food Supply Assessment Mission FAO/WFP
1996	KENYA	PhD Supervision, Resettlement Project. Kiboko - ODA
1996	INDIA	Review of short course in Rural Environmental Management British Council
1996	NIGERIA	Project Coordination, Renewal of HED Link, British Council
1996	INDIA	Livestock programme development KRIBHCO Dryland Farming Project - ODA
1996	ANGOLA	Team Member, UN Crop and Food Supply Assessment Mission. FAO/WFP
1996	ETHIOPIA	Project Coordinator, Technical Assistance for Mekelle University College, Tigray. World Bank
1996	INDIA	Preparation of short course in environmental impact assessment. British Council.
1996	THAILAND	Delivery of short course in participatory/rapid appraisal techniques. MAG.
1995	ETHIOPIA	Team Leader, UN Crop and Food Supply Assessment Mission. FAO/WFP
1995	ERITREA	Review of Agricultural Rehabilitation Programmes, Ministry of Agriculture (1993-95). GoE
1995	INDIA	Participatory project identification mission: livestock component, Dryland Farming Project. ODA

1995	MOZAMBIQUE	Team Leader, UN Crop and Food Supply Assessment Mission. FAO/WFP
1995	ZAMBIA	Team Leader, UN Crop and Food Supply Assessment Mission. FAO/WFP
1995	ETHIOPIA	Co-ordination of technical assistance for Mekelle University College. World Bank
1994	ETHIOPIA	Team Leader, UN Crop and Food Supply Assessment Mission. FAO/WFP
1994	ERITREA	Team Leader, UN Crop and Food Supply Assessment Mission. FAO/WFP
1994	ETHIOPIA GHANA NIGER COTE D'IVOIRE	Review of ILCA livestock production networks to cover: (a) Forage production (b) Cattle production (c) Small ruminant production. CGIAR/ODA
1994	ERITREA	Facilitator - food security programme for returning refugees. OXFAM/CA(ODA)
1994	ETHIOPIA	Review of agricultural rehabilitation possibilities, Gambella Province. Preparation of project proposal. ACORD, U.K.
1993	ERITREA	Review of agricultural rehabilitation programme and mission preparation for support to Seraye Province. OXFAM Belgique.
1993	BELGIUM	Preparation of project proposal for Philippines Natural Resource Ministries Institutional Support Programme (PRISP). TRANSTEC (Belgian/Italian/Danish Consortium).
1990-3	PHILIPPINES	Project Coordinator/Team Leader - Agric. Education Programme; upgrading of 5 institutions through building, equipment provision, curriculum development and staff development through overseas and local training. RP-EEC AGRED - EEC
1990	MAURITANIA	Livestock development specialist: Study of pastoralist/agro-pastoralist systems. 3rd phase - start up of livestock recording - World Bank. Project Elevage II.
1990	OMAN	Review of agricultural policy for National Water Master Plan, Ministry of Water Resources. Government of Oman
1990	EGYPT	Development of Range Management Project. ODA
1990	ALGERIA	Review of Progress - vegetable garden development in refugee camps. Sahrawi Agricultural Consortium
1990	MAURITANIA	Livestock Development specialist: Study of pastoralist/agro-pastoralist systems - 2nd phase establishment of techniques. World Bank

1990	EGYPT	Preparation (Phase 2) Animal Production Technician Training, Damanhur. ODA/British Council
1989	TIGRAY	Team Leader, Independent Mission Crop Assessment and Food Requirement. Oxfam U.K.
1989	MAURITANIA	Livestock Development Specialist - Project Elevage II. Study of pastoralist/agro-pastoralist systems, 1st Phase, derivation of techniques. World Bank
1989	SENEGAL	Preparation of village-level development programmes for 1990/91 in 3 districts for NOVIB (major Dutch NGO).
1989	SUDAN	Establishment of first phase of adaptive research programme with large-scale mechanised farmers in East Sudan. CAZS
1989	ALGERIA/SAHRAWI ARAB DEMOCRATIC REPUBLIC	Review of progress and planning for next phase of a programme of vegetable garden developments in refugee camps in Southern Algeria. Sahrawi Agric. Consortium
1989	RWANDA	Review of Sud-Gisaka Rural Development Programme and preliminary identification of main themes for next phase. ACORD
1989	TANZANIA	Detailed review of Ngara District Development Organisation (Integrated Rural Development Programme). ACORD
1988	ERITREA	Review of Eritrean Agricultural Research and Training Programme. International Consortium of NGOs
1988	OMAN	Agricultural Reconnaissance Survey, Jebel Akdar Region. Government of Oman
1988	OMAN	Agricultural Reconnaissance Survey, Duchlea and Dahira Regions. Government of Oman
1988	EGYPT	Project preparation - Agricultural Technician Training (Animal Production). ODA/British Council
1988	LIBYA	Sheep Specialist, Great Man-Made River Project, Design Component - derivation/design of sheep management systems. Private/Government of Libya
1988	CANADA	Presentation of paper on peasant survival strategies and supporting mechanisms at International Conference: 'Conflict and Development in Horn of Africa'. Canadian Council for International Cooperation
1988	MOZAMBIQUE	Identification of intervention possibilities in Agric. Training. BP AFRICA
1988	ALGERIA/SAHRAWI ARAB DEMOCRATIC REPUBLIC	Evaluation of Vegetable Production Project. NGO Consortium/UNHCR

1988	SUDAN	Presentation of findings of Review of Agric. Studies. ODA
1988	BELIZE	Review of Intermediate Agricultural Education. FAO
1987	SUDAN	Production of procurement documents, procedures and equipment lists for international competitive bidding. ARETP-World Bank
1987	ERITREA	Evaluation and 2nd phase preparation of Agric. Research and Training Project. International NGO Consortium
1987	NIGERIA	Programme preparation - North East Nigerian Arid Zone Programme for the EEC Development Fund. Team Leader and Agriculturist.
1987	SOMALIA	Development of adaptive research programme for agro-pastoralists. Euro Action ACORD
1987	N. ETHIOPIA	Evaluation of soil and water conservation programmes for international consortium of NGOs in Tigray.
1986	ALGERIA/SAHRAWI	ARAB DEMOCRATIC REPUBLIC Project preparation - Irrigated small-farm development refugee programme. Saharawi Red Crescent/War-on-Want
1986	EGYPT	Project preparation - Rangeland Management Investigation into Traditional Systems. Ministry of Agriculture, Animal Production Research Institute, Cairo
1986	SUDAN	Review of Agricultural Research for ODA 1900-1986, collection of databases, identification of non-conventional sources, analysis of data, coordination of appraisal team.
1986	ERITREA	Evaluation of the Eritrean Agricultural Programme for International Consortium of non-governmental agencies (March/April).
1986	ERITREA	Appraisal mission for Euro Action ACORD of agricultural research and training programme in Eritrea (April/May).
1985	N. ETHIOPIA	Evaluation of existing agricultural programmes supported by an international consortium of non-governmental organisations, Tigray (Oct/Nov/Dec).
1985	NIGERIA	Agricultural Education Advisor on World Bank/British Council team to appraise the structure and methods of teaching agriculture at an intermediate level throughout Nigeria (September).
1985	ERITREA	Derivation of an applied research and training programme for agricultural development for an international consortium of non-governmental organisations (July).
1985	ERITREA	Evaluation of veterinary services to nomads and poultry production development in resettlement areas for an

international organisation of non-governmental organisations (March/April).

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| 1984-5 | SYRIA        | UNDP Adviser and Team Leader, Agricultural Education, World Bank Education Project II. Responsible for the derivation of new curricula, re-equipping of three institutes and preparation of management methodology. World Bank   |
| 1983   | CARIBBEAN    | Agricultural Education and Training Advisor, EDF funded review of all agricultural education and training in the Windward and Leeward Islands leading to recommendation for development. EEC   |
| 1983   | BENIN        | Project initiation for district-level integrated rural development project. Euro Action ACORD.   |
| 1983   | ERITREA      | Agricultural Advisor, project identification refugee prevention programme with Eritrean Relief Association. Analysis of farming systems and supporting services, formulation of a support programme for water, agriculture, veterinary services and poultry production. ACORD. |
| 1983   | U.K.         | Visiting Lecturer, World Animal Production MSc. Course, University of Wales, Bangor.   |
| 1983   | MALI         | Interim Resident Representative, Euro Action ACORD. Initiation food-aid project, and supervision of existing projects, including small-scale irrigation projects, well-digging, construction of seed stores and functional literacy. ACORD                                     |
| 1982   | BENIN        | Resident Representative for Euro Action ACORD. Project Identification, Euro Action ACORD/UNDP. Responsible for negotiation of convention and review of 5-year plans, analysis of rural development needs. ACORD  |
| 1981-2 | GHANA        | Senior Training Officer. Responsible for introduction of training and visit extension system; introduction of animal traction. Organisation of training preparation and evaluation and livestock survey. VORADep - World Bank  |
| 1982   | SAUDI ARABIA | Technical Advisor on feasibility study for poultry project. (Private client)   |
| 1981   | U.K.         | Planning, organisation and implementation of Shepherds' Course for Agricultural Training Board (Wales).  |
| 1980   | IRAQ         | Livestock Specialist, Eski-Mosul Dam feasibility study. Analysis of livestock production systems. Derivation of new schemes using irrigation (sheep and cattle). Govt. of Iraq   |
| 1980   | U.K.         | Senior Lecturer, Welsh Agricultural College. Lecturing, training and organisation of courses. Sheep research and development. Livestock extension and management of college flocks.  |

- 1976-9 OMAN Principal, on secondment, Nizwa Agricultural Training Institute, Sultanate of Oman. Responsible for establishing the Institute, writing the curriculum, determining equipment, design of farms (buildings and irrigation system). Introduction of agricultural education at primary, preparatory and teacher-training levels. World Bank
- 1976 OMAN Training/Extension Advisor on ODA review and feasibility study of World Bank Education Project.
- 1973-6 U.K. Senior Lecturer, Welsh Agricultural College. Lecturing in animal production, training in animal production, organisation of courses. Livestock extension through A.T.B. Developer of 'clock grazing' system. Co-developer of Welsh Mule ewe.
- 1974 NIGERIA Livestock Advisor, Sokoto Basin irrigation scheme. Evaluation of state plans, analysis of state farms and livestock systems. Recommendations of integrated crop/animal production systems.
- 1972-3 U.K. Technical Training Executive, Institute of Corn and Agricultural Merchants. Responsible for adult education, introduction of EEC rules and regulations, promotion and organisation of regular training courses (crop inspectors, seed samplers, etc), editing monthly journal and organisation of national conferences.
- 1970-2 SAUDI ARABIA Manager of Hofuf Animal Research Centre. 300 Head Jersey cattle, 600 head sheep flock. Responsible for introduction of improved dairy techniques, improved sheep management and applied livestock research, training of Research Assistants.
- 1967-70 U.K. Research Officer, University College of North Wales, Bangor. Studied effect of climate on production of Welsh Mountain sheep. Collection of meteorological data. Assistant Shepherd - 2,000 mountain ewe flock.
- 1964-67 Student, Wye College, London University.
- 1962-4 U.K. Assistant Herdsman, 100-cow Friesian herd.

**Over 100 publications.**

