

David J. Walker  
**Principal Consultant**

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**Qualifications** BSc (Hons) Applied Biology, Liverpool Polytechnic  
MSc Applied Entomology, Imperial College, Uni. of London  
Diploma of Imperial College  
Chartered Biologist  
Fellow of the Society of Biology

**Date of Birth** 13 September 1947

**Nationality** British

**Current Position at CWA**

Principal Consultant and Manager of the Food Department. Comprehensive knowledge of the science of food and feed commodities. Extensive international experience in the handling, storage, shipping, contamination and biodeterioration of a wide range of agricultural commodities, in particular food and feed products including: grain, oilseeds, pulses, sugar, vegetable oil, fruit, dried fish and dates.

**Specific Expertise and Experience**

Thirty seven years international field experience in solving problems in post-harvest handling, storage, quality assurance, shipping and marketing of a wide range of agricultural products in the farming, trading, processing, warehousing and shipping sectors. Ship board attendances to survey and appraise damaged agricultural cargoes. Insect identification and determination of source of infestation of agricultural products, including timber and logs. Fumigation in warehouses, silos, containers and ships. Development and evaluation of standards and quality grading systems for grains and oilseeds. Investigation of heating of cargoes. Microbiological food safety and mycotoxin contamination. Expert opinion, reports and expert witness.

## Summary of Scientific and Consultancy Employment

2006 to present                      Principal Consultant, Food Department of CWA. Ship board attendances and scientific evaluation of issues relating to agricultural cargoes and commodities.

1983 to 2006                        Principal Scientist, Natural Resources Institute, University of Greenwich, UK. Short-term cargo surveys, grain warehouse and silo management, technical problem solving, and practical training in fumigation and commodity quality assurance undertaken in over 40 countries in Africa, Middle East, South America and South East Asia.

Agricultural commodity consultancy services for a range of international clients including: Common Fund for Commodities, EuronAid, European Commission, Governments of Denmark, Japan and USA, UK Department for International Development, United Nations Food and Agriculture Organisation, and World Bank.

Consultancy assignments undertaken specifically for the United Nations World Food Programme included:

September 2004 - Mozambique: Food Commodity Specialist to conduct regional food warehouse management training workshop for WFP logistics staff from 10 Southern African countries.

June 2004 - El Salvador: Grain Quality Adviser to provide expert report on containerised transit consignment of rice with phytosanitary quarantine insect infestation.

November 2003 – Guinea: Food Quality Adviser to provide technical on-board ship quality assessment and expert report on a disputed consignment of food aid maize.

September 2003 – Egypt: Food Quality Adviser to provide expert report on a disputed shipment of dried dates.

March–April 2002 - Sudan, Kenya: Grain Procurement Specialist to review the processes by which local procurement of food aid grains (maize, millet and sorghum) could be increased.

November 2001 – Gambia: Grain Quality Specialist to determine fitness for purpose of containerised imported rice

March 2001 – Macedonia: Grain Management Specialist to conducted food warehouse management training workshop for staff of Danish Refugee Council, Norwegian Directorate for Civil Defence and Emergency Planning, Norwegian Refugee Council, Swiss Disaster Relief, and Swedish Rescue Services Agency.

November 2000 – Italy: Food Management Specialist to conduct food aid commodity warehouse management training-of-trainers workshop for WFP senior logistics staff from 14 countries including east, central and southern Africa.

March 2000 – Angola: Food Management Specialist to conduct training of trainers in food commodity management for staff of local NGOs.

November 1999 – Mozambique: Food Commodity Management Specialist Trainer to conducted a regional food aid commodity warehouse management workshop for WFP staff from Lesotho, Malawi, Mauritius, Mozambique and Zambia.

September 1996.-Sudan: Mitigation of water damage to relief cargoes of food aid for Save the Children Fund/and WFP.

1980 – 1983

Malawi: Project Manager for European Commission support to the Ministry of Agriculture. Developed and introduced post-harvest loss reduction protocols for the cured fisheries sector. Developed and conducted research programme. Initiated extension programmes and trained Ministry staff.

1979

Malaysia: August - December 1979. Rice Warehouse Operations Adviser for United Nations Food and Agriculture Programme. Four month assignment to develop improved operational management system for national rice stocks and rice cargo shipments. Produced management training manuals and trained staff of Malaysian Rice and Paddy Board.

1973 to 1979

Swaziland: Agricultural Officer (Grain Storage) to the Government of Swaziland. Initiated Crop Post-Harvest Section in the Ministry of Agriculture, trained staff, conducted on-farm loss assessment surveys, introduced and developed pest control protocols, trained farmers in the use of phosphine, initiated and monitored crop storage extension programmes, and initiated the first national seed quality and germination testing laboratory.

1971 to 1972

Ethiopia: Grain Storage Entomologist for Christian Aid. Reduction of on-farm losses of stored cereals and pulses. Designed and implemented agricultural extension campaigns. Conducted training courses for Ethiopian Ministry of Agriculture. Inspection of food aid cargoes at ports of Assab and Massawa.

## Summary of Previous Academic Experience

2004 to 2006	Agricultural Economics Curriculum Development Adviser, Bukhara Technological Institute of Food and Light Industry, Uzbekistan
2001 to 2004	Director of Masters Degree Programmes in Grain Storage Management, and Post-Harvest Horticulture, University of Greenwich, UK. Research Supervisor.
1998 to 2001	Research Supervisor and Principal Lecturer in Grain Management, University of Greenwich, UK
1991 to 1998	Director of Masters Degree Programme in Grain Storage Management, University of Greenwich, UK. Principal Lecturer in Grain Management.
1975 to 1979	Part-time Lecturer in Post Harvest Grain Management, University of Botswana, Lesotho and Swaziland.

## Agricultural Commodity Assignments have been Undertaken in the Following Countries and Territories

Afghanistan	Libya
Angola	Macedonia
Bangladesh	Malaysia
Benin	Maldives
Bhutan	Mozambique
Bulgaria	Namibia
Burkina Faso	Netherlands
Djibouti	Niger
Ecuador	Papua New Guinea
Egypt	Saudi Arabia
El Salvador	Somalia
Eritrea	Sri Lanka
Estonia	Sudan
Ethiopia	Syria
Gambia	Tajikistan
Ghana	Tanzania
Guinea	Tunisia
Guyana	Turkey
Hong Kong	UAE
Indonesia	Uganda
Italy	USA
Jordan	Uzbekistan
Kenya	Zambia
Kuwait	Zimbabwe
Liberia	

### **Publications**

Walker, D.J. (2008) Risks in Carriage of Food Cargoes. The Steamship Mutual Underwriting Association Limited. Website article at ([www.simsl.com/FoodRisks1207.html](http://www.simsl.com/FoodRisks1207.html)).

Walker, D.J. (2005) Enabling rural producers to understand and better satisfy the product, process and delivery standards required by buyers. Chapter in: Almond, F.R. and Hainsworth, S.D. (Eds) 2005. Beyond Agriculture – making markets work for the poor: proceedings of an international seminar, 28 February-1 March 2005. Westminster, London, UK. Crop Post-Harvest Programme, Natural Resources International Limited, Aylesford, Kent, UK

Walker D. J. and Farrell G. (2003) Food Storage Manual. Published by UN World Food Programme, Rome, Italy. ISBN 085954544X.

Walker D. J. (2001) Warehouse Management Handbook for Storekeepers of Food Aid. Published by UN World Food Programme, Rome, Italy. ISBN 0859545288 (English, French and Spanish editions).

25 other publications, details available on request

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