

SUMMARY CV GEORGE ROTHSCHILD

Name: George H.L. Rothschild

Nationality: Joint Australian / British

Education: BSc 2A (Hons) (a) Agriculture; (b) Zoology Nottingham University (UK), PhD Insect Ecology - Imperial College of Science and Technology (UK)

Current activities:

- Emeritus Professor - International Development, **Natural Resources Institute (NRI)** University of Greenwich (UK).
- Consultant /Adviser to Natural Resources International Ltd – **DFID Research into Use Programme (RIUP)**. RIUP is the most recently launched DFID programme for up-scaling and out-scaling outputs from research undertaken through RNRRS programmes in Sub-Saharan Africa and South Asia.
- Adviser to Executive Board of **Forum for Agricultural Research in Africa (FARA)**. Main role as advisor for the Networking Support Function on Strategic partnerships and alliances (includes inputs in Sub-Saharan Challenge Programme).
- Consultant/Adviser to **DFID** on international R&D issues, with special reference to funding of the CGIAR and non-associated centres and challenge programmes from 2008-2012
- Consultant/Adviser to **ExCo of the CGIAR** on the CG System's funding for Centres and Challenge Programmes from 2008 onwards
- Chair, Scientific Advisory Board of **International Centre for Underutilised Crops (ICUC)**
- Chair, **European Forum on Agricultural Research for Development (EFARD)**. Body for helping in the coordination and harmonisation of European – developing country partnerships in international natural resources research and development, acting on behalf of all public and private institutions in European Union member states as well as in non-associated nations. Includes non-research stakeholders – CSOs, NGOs and the private sector.
- Chair, **UK Forum on Agricultural Research for Development (UKFARD)**. Body for harmonising UK programmes in international natural resources research and development on behalf of government, non-government and private sector organisations, and providing high level advocacy for international R&D.
- Programme Adviser to **UK Ministry of Environment, Food and Rural Affairs (Defra)** on alternative approaches to crop protection at the national level.

Previous activities. 1999 – 2007:

- Professorial Fellow in International Agriculture, **Natural Resources Institute (NRI)**, University of Greenwich, UK.

- Principal Policy Adviser, **NRI** – providing Director and members of senior management team with support on issues relating to international relations, funding, public awareness, and technical issues.
- Consultant to assist **DFID** Chief Scientific Adviser in: (i) developing DFID's Science and Innovation Strategy; (ii) Moderating international e-consultation of science in DFID's international development agenda.
- Consultant – Reviews of current and past activities of **DFID's** Crop Protection Programme and Plant Sciences Research Programme.
- Consultant – **DFID** Private-public sector partnerships in research and development (South Asia and multilateral component)
- Consultant and reviewer for **CAB International** – Biosciences programmes
- Consultant - **Gatsby Charitable Foundation**: (a) Scoping for regional biosciences /biotechnology centres in Africa.(led to concept of BECA in Nairobi) Short-term missions to Kenya, Uganda, South Africa; (b) Establishment of international R&D programme on banana biotechnology
- Consultant - **ACIAR / AusAID**. IPM programmes (vertebrate pests) – Indonesia, Laos, Cambodia, Philippines:
- Consultant to, and Governing Board member of, **CAB International** (since 1994); Consultant to **International Water Management Institute (IWMI)**.

1995 - 1998:

- Director General of the International Rice Research Institute (IRRI)... As DG had overall responsibility for managing about 1500 national and international staff and project activities in about 40 countries in Asia, Africa (some jointly with WARDA), and Latin America and obtaining the funds necessary to support the Institute each year (*ca* \$40 million). This involved regular short-term missions and interactions with (a) donor organisations in industrialised and newly emerging nations (European nations, North America, Japan, Korea, China, India, Taiwan), and (b) political leaders, senior officials, and rural communities in Asia (India, Pakistan, Bangladesh, China, Myanmar, Thailand, Malaysia, Indonesia, Laos, Vietnam, Cambodia, Philippines) and Africa (Senegal, Madagascar, Kenya, Uganda, South Africa).

1989 -1995:

- Leader Australian donor delegation to CGIAR. Member of CGIAR Finance Committee.
- Principal adviser to, respectively, (i) the Foreign Minister and (ii) Overseas Development Minister, Australian Federal Government, on development issues in agriculture, forestry, fisheries and natural resource management.
- (b) Director of the **Australian Centre for International Agricultural Research (ACIAR)**, Canberra. ACIAR as a statutory authority of the Australian Federal Government represents the main vehicle for Australia's overseas programs of R&D in agriculture, forestry, fisheries, natural resource management and policy

development, **including a strong water resources programme**, all based on highly integrated technical and socio-economic approaches. ACIAR works in partnership with counterparts in the developing and developed world, but also has responsibility for disbursing funds to multilateral agencies such as the CG centres. As Director of ACIAR, established strong macro-economics and socio-economics programmes as well as an associated monitoring /evaluation unit and impact assessment group, and a fisheries programme. Had overall responsibility for the centre's staff and R&D programs in South, Southeast, West and East Asia, Eastern, Central and Southern Africa, and the Middle East. As Director, this involved short and in some cases regular missions to a number of countries (China, India, Bangladesh, Pakistan, Thailand, Malaysia, Laos, Vietnam, Cambodia, Philippines, Indonesia, Kenya, Zimbabwe, Peru, Colombia, Papua New Guinea and Pacific island nations. Missions involved interactions with all involved with research and development, including ministers and other senior decision makers as well as research and extension service providers and grass-roots organisations.

1987 - 1989:

- Principal adviser to the Minister for Primary Industries and Energy (Australian Federal Government) on agriculture, forestry, fisheries, and natural resources management issues relating to Australia and the Australian region.
- Inaugural Director of **Bureau of Rural Resources (BRR)**, Department of Primary Industries and Energy, Canberra. This was established as the technical counterpart of the long-established Bureau of Agricultural Economics (BAE) - now the Australian Bureau of Agricultural and Resource Economics (ABARE). Responsible for overall management of *ca* 200 staff, and programmes to develop government policies for agriculture, forestry, fisheries and natural resource management **included issues relating to water resources**. Established **Natural Resource Information Centre (NRIC)**, a body with extensive GIS and associated facilities that assisted the Federal government develop policy on environmental / development issues, conflict resolution etc. Overall budget, including major DPIE programmes, *ca* \$200 million annually

1970 - 1987 :

- Australian Commonwealth Scientific and Industrial Research Organisation (CSIRO), Chief Research Scientist and Assistant Chief of Division. Responsible for Divisional programmes on ecology and behaviour of pests of annual and perennial crops in tropical, subtropical and temperate Australia. Personal research - leader of pheromone group, with particular emphasis on behavioural ecology as a basis for pest management. Main research on pests of perennial horticultural crops and field crops in tropical, subtropical and warm temperate regions of Australia.
- Consultancies in developing countries for: (a) FAO (including establishing multi-country Rice IPM programme: India, Pakistan, Indonesia, Philippines); (b) OECD

– smallholder IPM programme; (c) CGIAR – Rice IPM; (d) CABI – Review international biological control programmes in Asia and Europe.

1962 - end 1969 :

- Research Scientist/Government entomologist - Department of Technical Cooperation (UK); Ministry of Overseas Development (UK). Various overseas postings – mostly in SE Asia – primary base East Malaysia

Other previous activities:

- **CGIAR:** Australian head of donor delegation to CGIAR (7 years); Member - CGIAR Working Group on Forestry/Agroforestry; CGIAR Working Group on Livestock; Crop Protection Panel of Technical Advisory Committee of CGIAR, CGIAR Finance Committee. Chair - International IPM Task Force for Technical Advisory Committee of CGIAR Established and headed group that created the **CG Centre for International Forestry Research, (CIFOR)** in Indonesia.:
- Member of: Committee for International Plant Protection Congresses; Australian Cotton Research and Development Council; Board of Management of Australian Animal Health Laboratory; Advisory Committee of CSIRO Division of Horticulture; CSIRO /Department of Primary Industries Liaison Committee; Chairman - Advisory Committee, Australian Centre for Resource and Environmental Studies CRES, Australian National University), Visiting Fellow, Australian National University 1980- onwards

Awards:

Elected Fellow of the Australian Academy of Technological Sciences

Elected Honorary Fellow of the Royal Entomological Society

Societies: British Ecological Society; Royal Entomological Society, Australian Entomological Society; Australian Ecological Society, Australian Institute of Agricultural Science.

Editorial: Formerly member of Editorial Panel of six international scientific journals, now reduced to two *Agriculture, Ecosystems & Environment (AGEE – Elsevier)* and *Bulletin of Entomological Research (Cambridge University Press)* .

Publications: Over 90 publications in journals and book chapters, 2 books (majority-published before end of full-time professional career at IRRI in 1998)