

Specialist Fields

- Forest pathology, specialising in Phytophthora; training
- Strategic planning and design
- Project implementation and project cycles
- Report writing
- Livelihoods
- Operating in conflict and, post conflict countries
- Community participation and engagement in development
- Marginal group inclusion (including women)
- Forestry and agroforestry
- Forest certification
- Environment and conservation
- Monitoring and evaluation
- Effective liaison with CBOs, NGOs, provincial and national government

Education and Employment

Education

- **Bachelor of Science – Honours (Forestry)** 1967 - 1970
 - Australian National University
Canberra Australian Capital Territory, Australia
- **PhD (Forest Pathology)** 1971 - 1974
 - Australian National University
Canberra Australian Capital Territory, Australia



Employment

- **Specialist Consultant, Forest Pathology**

Spiecapag (through Coffey Natural Systems Pty Ltd), Papua New Guinea

12/2010 – present

- As part of the Papua New Guinea Liquid Natural Gas Project in the Southern Highlands. Duties include the detection of *Phytophthora cinnamomi* in rainforests and the development of measures to I of this pathogen on the vegetation

- **Team Leader**

Community Sector Program (CSP), AusAID, Hassall and Associates International in association with ANU Enterprise, Solomon Islands

02/ 2005 – 06/2007

- As Team Leader, responsible for a team of five advisers and staff of 150 staff in two concurrently running programs (community development and road rehabilitation). CSP, which commenced in 2005, had been preceded by the Community Peace and Restoration Fund, a facility set up by AusAID in 2000 to provide immediate assistance for rural infrastructure rehabilitation. CSP developed and implemented a strategy of village-level action planning whereby communities were encouraged to develop and implement their own development priorities using resources already available within their community as well as those made available through outside agencies such as government, civil society organisations (CSOs) and donors. There was also an emphasis on developing the capacity of appropriate CSOs to support community development. The Program focussed on a number of sectors, particularly youth, women and livelihoods. Funding was made available through a Trust Fund, with an annual budget of \$8 million. In addition to a community development program, which was implemented throughout the Solomon Islands, the Road Rehabilitation and Maintenance Works Program (with an annual budget of \$2 million) was implemented on Malaita under the direct responsibility of the Team Leader.

- **Team Leader**

Nepal Australia Community Resource Management and Livelihoods Project (NACRMLP), AusAID, URS, Nepal

02/2003 – 01/ 2005



- Major responsibilities included the management of a team of 12 professionals working on community development and livelihood issues in two districts in Nepal during the ongoing conflict situation in the country between the government and Maoist rebels. Particular attention was given to community empowerment and skills development. As a result of previous work communities in a large part of the two project districts of Sindhu Palchok and Kabhre Palanchok had undergone a progressive change in thinking and attitude to generating livelihoods from natural resources from one of exploitation to sustainable management. The benefits of assuming control of their natural resources were self evident to most communities so the Department of Forest had a backlog of applications for handover of forest areas to communities. NACRMLP extended the benefits of this approach to degraded lands in upper slopes and on private lands below National Forest tenure lands.

■ **Various Responsibilities**

ANU Enterprise Pty Ltd (formerly ANUTECH Pty Ltd) and the Australian National University, Australia and overseas 02/1991 – 01/2003

1997 and Jul 2001 to Jan 2003 (2.5 years), Project Director; Jan to Apr 2002, Training Adviser (4 months); May 2002 to Jan 2003, Acting Team Leader (9 months), Nepal Australia Community Resource Management Project (NACRMP) (AusAID)

- As Training Adviser was responsible for overseeing the implementation of literacy training programs for forest user group members and of the Women Empowerment Program (WEP). As Team Leader and Project Director was responsible for overall management of the project which contributed to the development of sustainable community resource management systems in Sindhu Palchok and Kabhre Palanchok Districts.

Jan 1998 to Sept 2001(3.75 years), Team Leader; Sep 1995- Dec 1997 and Jan 1999-Sept 2001 (4.75 years), Project Director, Papua New Guinea Forestry Human Resource Development Project (AusAID)

- Responsible for leading a team of seven long-term, ten short-term advisers and eight administration and support staff in the development of management, technical and vocational skills of workers in government and non-government. As Team Leader I was responsible for guiding the development of participatory processes in forest resource management in Papua New Guinea. Initially as Director, then as Team Leader I was responsible for the overall management, direction and leadership of the six-year \$20 million project. This project comprised the revision of the curricula for the forestry degree and diploma courses being offered at PNG



Jan 1994 to June 1997 (3.5 years), Principal Consultant and Manager (to Dec 1996) Forestry and Environment, ANUTECH Pty Led, Canberra

- Working with a staff of 12 people, responsible for the Division's consulting, project management and short course programs with a turnover of more than \$7 million per annum and for undertaking a number of consultancies. Clients included AusAID, Asian Development Bank, ACIAR, Australian State and Federal Government Departments and private firms. Registered on Period Contract, AusAID.

Jul 1995 (2 weeks), Consultant, Vanuatu Sustainable Forest Utilisation Project (AusAID, managed by Hassalls and Associates International in association with ANUTECH)

- Literature review of the silviculture on the native forests of Vanuatu.

Aug 1995 (8 weeks), Forestry and Environment Consultant, Lak Integrated Conservation and Development Project, Papua New Guinea (UNDP)

- Responsible for the development of forest management plans to be used as a basis for sustainable forest management of the forest resource in the ICAD project area. Advising on mechanisms for providing environmentally sensitive sustainable forest development options for rural landowners as alternatives to large-scale commercial logging.

Jan 1992 to Dec 1996 (5 years), Visiting Lecturer and Fellow, Forestry Department, The Australian National University

- Lecturing in Forestry Pathology to Third Year Forestry and Science Degree students

Feb 1991 to Dec 1994 (4 years), Coordinator, Forestry Information Network and Editor, ITTO Tropical Forestry Update (International Tropical Timber Organisation)

- Responsible for developing an international information network on tropical forest management and for the development and publication of the international newsletter, ITTO Tropical Forestry Update, published quarterly in English, French and Spanish, and with a circulation of over 5000 subscribers by the end of 1994. Position involved extensive travel throughout SE Asia to meet with senior Government personnel as well as look at forestry operations. Several trips were also made to Africa and South America.

Feb 1991 to Dec 1996 (6 years), Trainer



Professional Memberships and Affiliations

- Institute of Foresters of Australia
- Trees for the Evelyn and Atherton Tablelands, Lake Eacham
- Tree Kangaroo and Mammal Group, Malanda
- Tolga Bat Hospital

Publications

- F. Arentz. 1974. Studies on *Phytophthora cinnamomi*. PhD Thesis, ANU.
- F. Arentz. 1986. Key to the species of *Phytophthora* found in Papua New Guinea with notes on their distribution and morphology. P.N.G. J. Agric. For. & Fish. 34(1-4), 9-18.
- F. Arentz & J.A. Simpson. 1986. The occurrence of *Phytophthora cinnamomi* in Papua New Guinea with notes on its origins. Trans. Brit. Mycol. Soc. 87:289-295.
- F. Arentz. 1988. Stand-level dieback etiology and its consequences in the forests of Papua New Guinea. GeoJournal 17(2):209-215.
- F. Arentz, R.J. Johns, E.J. Matcham, J. Simaga & R. Taurereko. 1989. Vegetation of Talasea, Hoskins, Kapiura and Ania-Fulleborn timber areas. EIA Consultancy report prepared for Unitech Development and Consultancy Pty Ltd. Lae. pp. 1-52.
- F. Arentz, R.J. Johns, E.J. Matcham, J. Simaga & R. Taurereko. 1989. Traditional uses of flora and vegetation of Talasea, Hoskins, Kapiura and Ania-Fulleborn timber areas. EIA Consultancy report prepared for Unitech Development and Consultancy Pty Ltd. Lae. pp. 89-96.
- F. Arentz, H. Holzknicht, C. Sargent & K. Matrus. 1990. UKFSP *Wokabaut Somil* training programme evaluation - Papua New Guinea. Report prepared for IIED/UKFSP. 22 pp.
- F. Arentz & R. Levingston. 1992. Heartrot in *Acacia mangium* plantations in Peninsular Malaysia: pathological and silvicultural aspects. Consultancy report prepared for the Australian Centre for International Agricultural Research. 22 pp + appendices.



Referees

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