

CURRICULM VITAE: GEOFF LOVE

Current Employer

Bureau of Meteorology (which is an agency within the Commonwealth Government's Department of the Environment and Heritage).

Current Position

Deputy Director (Services), Bureau of Meteorology (employed at the Senior Executive Service (SES) - Band 2 level).

Career Details

- 1997-2000 Deputy Director (Services). Responsible for the Bureau's Services Division, and as a member of the Bureau's 3-person Executive (led by the Director of Meteorology and also including the Deputy Director (Research and Systems)) responsible for substantially contributing to the overall management of the Bureau of Meteorology.
- 1996 Six month secondment (July-Dec) to act as Secretary to Prof. Slatyer's study of the opportunity for the Bureau of Meteorology to commercialise or enhance cost recovery.
- 1994-96 SES level 1, 18 month term appointment (Aug 1994-Feb 1996) as Secretary to the Inquiry into the proposed East Coast Armaments Complex at Point Wilson, Victoria (Chaired by Mr J Woodward).
- 1994 Six month secondment (Jan - Aug) to manage the Regional Computing Section of the Central Operation and Systems Branch (COSB)
- 1991 SES level 1, 12 month term appointment assisting with the Industry Commission inquiry into the costs and benefits of reducing greenhouse gas emissions.
- 1989 Executive Development Scheme
- 1988-97 Science 5/SPO A, Superintendent, National Meteorological Centre, Bureau of Meteorology
- 1987 A/Clerk 11, Canberra Liaison Office, Bureau of Meteorology
- 1985-87 Science 4, Regional Director, Darwin Regional Office, Bureau of Meteorology
- 1983-84 Science 3, Senior Forecaster, Darwin RFC, Bureau of Meteorology
September 1983 - March 1984: Research Specialist, Meteorological Satellite Centre, Japan.
- 1982 Science 2, O.I.C Special Services Section, Darwin Regional Office, Bureau of Meteorology
- 1979-81 Ph.d student, Colorado State University
- 1977-78 A/Science 2, Forecaster, Darwin Regional Forecast Centre (RFC), Bureau of Meteorology
- 1976 Science 1, Research and Development Branch
- 1975 Science 1, Bureau of Meteorology Training School
- 1973-75 Tutor, Physics Department, Ballarat Institute of Advanced Education

Qualifications

1988	Master of Business Administration (MBA)	Deakin University
1982	Doctorate of Philosophy (Ph.d) - in Meteorology	Colorado State University
1976	Master of Science (MSc) - in Physics	LaTrobe University
1972	Batchelor of Science (Hons) (BSc(Hons))	LaTrobe University

Honorary Positions.

Vice-President	World Meteorological Organization, Commission for Basic Systems (CBS), 1996- present
Member	LaTrobe University - Supervising Technical Committee on Recombinant DNA Studies, 1995 - 2000
Member	World Meteorological Organization, CBS Working Groups on Data Processing and Data Management, 1988- present
Chairman	World Meteorological Organization, CBS Working Group on Data Management, 1988-1996
Associate Editor	Australian Meteorological Magazine, 1985-1992.
Member	Bushfires Council (NT), 1984-1987.
Secretary	Tropical Cyclone Industry Liaison Council (NT), 1984-1987

Awards

1989	Deakin University - Holt Award (Management Policy).
1986	Professional Officers Association - Award of Merit.
1983	Japanese Government Research Award for Foreign Specialists.
1979	Public Service Board Postgraduate Scholarship.
1969	Commonwealth Tertiary Scholarship.

Professional Organisations

Member,	Australian Meteorological and Oceanographic Society
Member,	American Meteorological Society
Fellow,	Environment Institute of Australia

Publications and Reports

- Love G., 1979 *An investigation of small amplitude pressure oscillations.*
Bureau of Meteorology. Meteorological Study No. 30 pp 87.
- Love G., 1980 *The role of large scale circulation patterns in determining tropical cyclone activity.*
13th Technical Conference on Hurricane and Tropical Meteorology.
Dec 1-5, 1980, Miami Beach, Fla., USA.
- Love G., 1981 *The role of mid-latitude circulation patterns in tropical cyclone genesis events.*
International Conference on the Early results of FGGE. Jan., 12-17, 1981, Tallahassee, Fla., USA.
- Love G and JJ Tribbia 1981 *Transient mid-latitude waves - their role in cross-equatorial surges and tropical cyclone genesis events.*
IAMAP Symposium on the Dynamics of the General Circulation. Aug., 3-7, 1981, Reading, UK.
- Love G., 1982 *The role of the general circulation in tropical cyclone genesis.*
CSU Report No. 340., Colorado State University, Fort Collins, Co.,USA., pp. 215.
- Love G., 1983 3 papers:
Concepts for the organisation of a modern weather forecast facility.

Methods of surface and upper air analysis.

Nowcasting and very short range forecasting.

Presented at the WMO Technical Conference on Operational Weather Forecasting, Oct., 23-28 1984, Beijing, People's Republic of China.
- Staff of Meteorological Satellite Centre 1983 *Introduction to the meteorological satellite centre of Japan.*
Satellite Centre of the Japan Meteorological Agency (Ed G.Love) pp 35.
- Love G., and G. Garden 1984 *The Australian monsoon of January 1974.*
Aust. Met. Mag., 32, 185-194.
- Love G., 1985 *Cross-equatorial influence of winter hemisphere cold surges.*
Mon. Wea. Rev., 113, 1487 - 1498.
- Love G., 1985 *Cross-equatorial interactions during tropical cyclone genesis.*
Mon. Wea. Rev., 113, 1500 - 1509.

- Love G., and G. Holland 1985 *Tropical weather forecasting: A practical viewpoint.*
NT Region Research Papers, 1985, 13 - 20.
- Love G., and A. Downey 1986 *Fire weather in central Australia.*
Aust. Met. Mag., 34, 93 - 101.
- Love G., 1986 *Climate monitoring in the tropics.*
Invited lecture, WMO Regional Association V meeting, Wellington, NZ.
- Love G., 1987 *Banana prawns and the southern oscillation index.*
Aust. Met. Mag., 35, 47 - 49.
- Holland G., L. Leslie, K. Fraederich and G. Love 1987 *The challenge of very short-range forecasting in the tropics.*
Pro. of the Symposium on Meso-scale Analysis and Forecasting., Vancouver, Canada, Aug. 17-19, 1987, 287 - 295.
- Kingston G., I. Butterworth, G. Garden G. Love and K. Murphy 1987 *The tropical circulation in the Australian/Asian sector - April to September 1986.*
Aust. Met. Mag., 35, 1 - 17.
- Love G., 1988 *Tropical cyclone forecasting.*
Invited lecture. WMO CBS meeting, Jan. 1988, Geneva, Switzerland.
- Love G., 1988 *Cyclone storm surges: post greenhouse.*
in: Greenhouse: Planning for climate change. Ed G. Pearman. CSIRO. E.J. Brill, Leiden, 202 - 215.
- Love G., and G. Garden 1989 *A meteorological overview of the pre-AMEX and AMEX periods over the Australian region.*
Aust. Met. Mag.
- Industry Commission 1991 *Costs and benefits of reducing greenhouse gas emissions.*
(See particularly Chs 2 & 3, Vol 1 and Appendix C, Vol. 2)
Report No. 15, AGPS Vol. 1 pp. 250.
- WMO 1992 *Guide on World Weather Watch data management.*
Ed. G. Love. WMO No. 788, Geneva. pp 57.
- Love G., G. Holland and B. Neal 1993 *Australian integrated forecasting system.*
10th International Conference on Interactive Information processing systems for Meteorology, Oceanography and Hydrology.
Nashville, Ten. USA.
- Love G., and G. Garden 1994 *A micro-computer based package for tropical cyclone forecasting.*

NT Regional office Research papers.

WMO 1995

*WMO National Meteorological Centre Technical Requirements
Specification- WMO/TD-No. 667*

[Specification prepared jointly by G.Love and Trippet-Shedden Pty
Ltd.]

WMO, Geneva, pp. 77.

Woodward J., M. Blakers and K. Doolan 1996 *Report of the Commission of
Inquiry into the proposed East Coast Armaments Complex.*
[Contribution made as Secretary to the Inquiry]
AGPS, Melbourne pp. 1500?.

Slatyer R.O., 1997 *Capturing opportunities in the provision of meteorological
services.* [Contribution made as Secretary to the Study]
Bureau of Meteorology, Melbourne, pp. 81.