Cape Grim Baseline Air Pollution Station

Annual Meeting, 1995

Program

Monday, 30 October

Chair	*Laurie Porter*	
09:00	Meeting opens	General information on arrangements etc.
09:10	Wlodek Zahorowski	A review of the results from the radon monitoring at Cape Grim.
09:30	Stewart Whittlestone	Pb-212 measurements at Cape Grim.
09:50	Reinout Boers	Microwave and GPS observations of water vapour and liquid water.
10:10	Matthew Pickett	Lidar observations during SOCEX I and SOCEX II.
10:30	**Morning Tea**	
Chair	*Art Downey*	
11:00	Ken Masarie	Recent work in the NOAA/CMDL Carbon Cycle Group.
11:30	Bill Ussler	An overview of atmospheric trace gas research in New Zealand.
11:50	Grant Da Costa	Development of a low flow rate, fully automated CO_2 analyser.
12:10	Ray Langenfelds	O_2/N_2 from Cape Grim overflights.
12:30	**Lunch**	
Chair	*Willem Bouma*	
13:30	Brian Weymouth	Developments in Cape Grim data acquisition and access.
14:00	John Ivey	a) Results of the latest WMO acid rain study b) Oxidant scrubbers for DMS analysis
14:20	Chad Dick	Linking ice and atmospheric aerosol chemistry.
14:40	Frances Phillips	Sunphotometry from the UV to IR.
15:00	**Afternoon Tea**	
Chair	*Chad Dick*	
15:30	Michael Esler	Measurement of trace gases (and $\delta^{13}C$ CO_2?) using FTIR spectroscopy at Cape Grim.
16:00	Laurie Porter	Assessment of non-linearities in the AGAGE gas chromatograph.
16:20	Paul Fraser	ALE-GAGE and other measurements of global halocarbons and the Montreal Protocol.
16:40	Stephen Wilson	Analysis of the Cape Grim N_20 record for regional influences.
17:00	Close	Drinkies and Nibbles in the CRC
18:30	**Dinner**	**The Treasure Restaurant (Chinese)** 482, Springvale Road, Forest Hill.

Tuesday, 31 October

Chair	*Ken Masarie*	
09:00	Paul Steele	Recent results from measurements of CH_4, CO_2, CO, H_2, and N_20 at Cape Grim.
09:20	Colin Allison	Isotope reference materials for the study of carbon and oxygen isotopes in atmospheric CO_2.
09:40	Roger Francey	New developments in the interpretation of the Cape Grim CO_2 and CH_4 isotopes.
10:00	Bernard Pak	Climatology of the vertical profiles of various trace gases.
10:20	**Morning Tea**	
Chair	*Bill Ussler*	
10:50	Eva Kowalczyk	Modelling Trace Gas Emissions using DARLAM.
11:10	Kim Nguyen	Transport from Melbourne and Latrobe Valley to Cape Grim on 31 March, 1985.
11:30	Rachel Law	Selection of modelled CO_2 concentrations for comparison with observations.
11:50	Greg Ayers	Atmospheric cleansing and SOAPEX.
12:10	Jill Cainey	Dimethylsulfide oxidation: which pathways matter?
12:30	**Lunch**	**(Talk on 3D ozone distribution in Maths Dept for those interested - details will be given during morning)**
Chair	*Paul Steele*	
14:00	Ian Galbally	Global Trends in Tropospheric Ozone.
14:20	Matt Fenwick	The Aircraft Ozone Monitor.
14:40	Mick Meyer/David Griffith	An Overview of OASIS.
15:10	Close of meeting	