

EPA Climate Change lecture series

Topic no. 3: Meltdown – Evidence of Climate Change from Polar Science



Dr Eric Wolff is a Principal Investigator at the British Antarctic Survey (BAS) in Cambridge, England. He studies both the history of climate, especially as revealed by ice cores, and the atmospheric chemistry of the polar regions. He leads the BAS science programmes in these topics.

BAS is both the logistics agency and the main scientific institute for UK scientific research in the Antarctic. It operates two year-round stations on the continent, and carries out studies on the atmosphere, ice, geology and biology of the Antarctic.

For the last few years, Dr Wolff has been the chair of the scientific group in the European Project for Ice Coring in Antarctica (EPICA). This 10-nation consortium completed two ice cores penetrating right through the Antarctic ice sheet; one of them, over 3000 metres long, is the oldest ice core in the world, containing a continuous record of the climate and environment of the last 800,000 years. Dr Wolff has been involved in several other ice core and atmospheric projects and has participated in 6 Antarctic and 2 Greenland field seasons. He has authored over 100 papers in the scientific literature.