

Environmental Chemistry: A Historical Perspective

A meeting organised by the Royal Society of Chemistry's Environmental Chemistry Group and Historical Group

VENUE: The Royal Society of Chemistry, Chemistry Centre, Burlington House, Piccadilly, London

DATE: Wednesday 26th October 2011

Programme

11:00 am — 11:25 am	Registration, tea & coffee	
11:30 am — 11:35 am	Chairman's introductory comments	Prof. Michael Pilling, Emeritus Professor, University of Leeds
11:35 noon — 12:30	Anthropogenic CO ₂ and climate change – a historical perspective	Prof. Simon Tett, University of Edinburgh
12:30 pm—1:00 pm	'Held fast in the iron grip of frost': Field and laboratory in John Tyndall's discovery of the Greenhouse Effect	Prof. Frank James, The Royal Institution
LUNCH: Council Room + Historical Group AGM		
2:15 pm — 3:00 pm	The life and work of Arie Jan Haagen-Smit	Prof. Peter Brimblecombe, UEA
3:05 pm — 3:50 pm	Robert Angus Smith and the search for wider and tighter pollution	Peter Reed, Leominster, Herefordshire
3:55 pm — 4:10 pm	Tea & coffee	
4:10 pm — 4:50 pm	The life and work of Frederick Challenger	Prof. Richard Bushby, University of Leeds
4: 55 pm — 5:35 pm	The emergence of health concerns of the heavy metals and metalloids	Chris Cooksey, London
5:40 — 5:45 pm	Closing comments	

The impact of man on his environment is a major concern for this part of the 21st century. Who were the people who first raised these concerns? What are the key observations behind the debate on climate change? How did experiments with bread crumbs give us an understanding of the environmental chemistry of metals and metalloids? This joint RSC Historical Group and Environmental Chemistry Group symposium will answer these questions and much more. Chemistry provided the medicines, agrochemicals, hydrocarbon fuels, and synthetic materials which propelled the changes of the 20th century. Equally, our understanding of the complex cycles of terrestrial, marine, and atmospheric environments owes much to the ability of chemistry to identify and measure environmental change. Some of the scientists whose work pioneered the discipline of environmental chemistry will be celebrated at this one-day meeting.



REGISTRATION

I wish to attend the RSCHG-ECG Meeting "*Environmental Chemistry: A Historical Perspective*" and enclose a cheque for £10.

Name..... e-mail.....

Address (please print):.....
.....(postcode).....

Admission is by ticket only, for which there is a charge of £10.00. This includes morning and afternoon tea or coffee and a buffet luncheon. To register, please e-mail Rupert Purchase: rp@rupertpurchase.demon.co.uk, and send a cheque for £10.00, **using the form above**, payable to 'RSC Environmental Chemistry Group' to: Miss Jo Barnes, Hon. Treasurer ECG, Room 3Q11, Faculty of Environment and Technology, University of the West of England, Coldharbour Lane, Bristol BS16 1QY.

Any queries from RSCHG members please contact Bill Griffith, w.griffith@ic.ac.uk