

The Future of Water

Distinguished Guest Lecturer

“The future of water: three weddings and avoiding two funerals?”

Professor Tony Allan, King's College London

The purpose of the lecture will be to highlight a range of invisible - natural and economic - processes that have not been taken into account by consumers and scientists. Nor by those who allocate and manage water resources. The role of soil water in agriculture has been ignored. The role of trade in ameliorating water scarcity is economically invisible and politically silent. As water is a strategic resource it is easily politicised. At the same time, in circumstances where the outcomes of mismanaging water are misleading, it is easy for knowledge to be constructed that deludes water consumers. Water scarce societies have not been helped to be wise in their allocation and use of water. The nature and consequences of the invisible processes will be highlighted. The notion of three weddings and avoiding two funerals will be introduced to capture the future synergies of water and energy and the protection of water and atmospheric services. Three weddings - energy from water, water from energy, and economic diversification plus trade. Avoiding two funerals - requires us to protect the environmental services of *water* and *the atmosphere*.

Tony Allan focuses his research on the social and political contexts which influence and usually determine water use and water policy. The research aims to explain why environmental and economic priorities fail to figure on the agenda of those using and allocating water. The research so far has deployed a wide range of environmental, economic, social and political theory. The rich diversity of the theorisation is a feature of the international contribution of the Water Research Group at KCL/SOAS in London. The research of the group recognises the underlying fundamentals of water in the hydrological cycle and the contributions and impacts of engineering interventions. The difficulties that water scientists and professionals encounter in gaining a place for their 'knowledge' in water policy discourses is a major current research theme. In the Middle East and North Africa, - the regional focus of research - it has been shown that the water crisis has been effectively ameliorated through the availability of virtual water embedded in food traded internationally. A second research theme is the role of non-water factors in solving water scarcity problems. Most water scarcity problems are solved outside the water sector. A third research focus is global water resource and the extent to which global resources will be sufficient to meet the needs of future populations. The Middle Eastern and global issues have been addressed in the books – *The Nile: sharing a scarce resource* [with Paul Howell], Cambridge, CUP 1995, *Water and peace in the Middle East: negotiating resources in the Jordan Basin*, London, Tauris 1996, *The water question in the Middle East*, London, Tauris 2001. In August 2009 he was awarded the Stockholm Water Prize for his contribution to the re-conceptualisation of water security and the sustainable allocation and management of water.

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ROYAL SOCIETY OF CHEMISTRY ENVIRONMENTAL CHEMISTRY GROUP

Thirty-sixth Annual General Meeting, and
Distinguished Guest Lecture & Symposium on

The Future of Water

To be held in the Council Room at the Royal Society of Chemistry on
Wednesday 4 March 2009

The 2009 Distinguished Guest Lecturer:
Professor Tony Allan
(King's College London)

PROGRAMME

10.30 – 11.00	Coffee/tea and registration
11.00 – 12.30	Symposium on “The Future of Water”
12.30 – 13.15	2009 Annual General Meeting and Lunch
13.15 – 14.45	Symposium on “The Future of Water” (<i>cont'd</i>)
14.45 – 15.00	Coffee/tea
15.00 – 16.00	Distinguished Guest Lecture

Coffee/tea will be served at 10.30 and 14.45
A buffet lunch will be served at 12.45

Venue: Royal Society of Chemistry, Burlington House, Piccadilly, London, W1J 0BA
The nearest Tube stations are Green Park and Piccadilly Circus

Royal Society of Chemistry. Registered Charity No. 207890

Environmental Chemistry Group Annual General Meeting

4 March 2009, 12.30 Council Room, Royal Society of Chemistry

AGENDA

1. Apologies
2. Minutes of the 35th AGM held on 12th March 2008
3. Report on Group Activities
4. Election of officers and members of the Committee
5. Any other business

The composition of the present Committee is given below, with an indication of members who will be retiring under the rules of the Group.

Chair	(1)	Dr Brendan Keely (University of York)
Vice-Chair	(2)	Dr Leo Salter (Cornwall College)
Honorary Treasurer	(3)	Dr Ruben Sakrabani (Cranfield University)
Honorary Secretary	(4)	Ms Jo Barnes (University of the West of England)

Members:

Dr Rupert Purchase	(5)	(Consultant)
Dr William Bloss	(6)	(University of Birmingham)
Dr Stephen Ball	(6)	(University of Leicester)
Mr James Lymer	(6)	(Wardell Armstrong)
Dr Adrian Kybett	(6)	(University of Leeds)
Dr Andrew Parker	(6)	(University of Reading)

Representatives:

Dr Elizabeth Milsom	(7)	(Royal Society of Chemistry)
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- (1) Dr Brendan Keely retires as Chairman to become Vice-Chair
- (2) Dr Leo Salter retires as Vice-Chairman to become Chair
- (3) Ruben Sakrabani remains as Honorary Treasurer
- (4) Ms Jo Barnes remains as Honorary Secretary
- (5) Dr Rupert Purchase remains as Committee member
- (6) Dr William Bloss, Dr Stephen Ball, Dr Adrian Kybett, Dr Andrew Parker and Mr James Lymer stand for election as co-opted members to the ECG Committee
- (7) Dr Elizabeth Milsom remains as RSC representative for the ECG

Nominations are invited to fill the vacancy on the Committee. Written nominations (including self-nominations) are accepted at any time throughout the year and can be formalised at the appropriate AGM. Committee members should be prepared to accept a portfolio of duties as a condition of membership.

Nominations with an appropriate CV should be sent to the Honorary Secretary:

Ms Jo Barnes, Air Quality Management Resource Centre, University of the West of England, Coldharbour Lane, Bristol, BS16 1QY anna.j.senrab@hotmail.com

Symposium & Distinguished Guest Lecture

The Future of Water

Council Room, Royal Society of Chemistry

PROGRAMME

11.00	Chairman's Introduction, Dr Brendan Keely (Chairman, ECG)
11.05	Dr John W Sawkins (Heriot-Watt) " <i>Economic Perspectives on Water Access and Affordability</i> "
11.45	Professor Richard C Carter (Cranfield University) " <i>Navigating water futures in sub-Saharan Africa</i> "
12.30	Environmental Chemistry Group Annual General Meeting and lunch
13.15	Lars Steffensen (Ebullio Capital Management) " <i>H2O Cif Shanghai – the next big thing...?</i> "
14.00	Dr P.B. Anand (University of Bradford) " <i>From 'scarcity' to capabilities: connecting economics and human rights in the context of access to water</i> "
14.45	Coffee/tea
15.00	Introduction to the 2009 Lecture and presentation of the DGL Medal
15.05	RSC Environmental Chemistry Group Distinguished Guest Lecture: Professor Tony Allan, (King's College London) " <i>The future of water: three weddings and avoiding two funerals?</i> "
16.05	Open Forum
16.30	Close

Admission is by ticket only. In order to register for this meeting, please complete the slip below and return to Dr Leo Salter by post, email or fax (see details below). There is a charge of £25 for members of the ECG and £50 for non-members of the ECG (£25 concessions). Cheques should be returned with the slip (made payable to *RSC Environmental Chemistry Group*). **Early application is encouraged as places are limited and will be allocated on a first come first served basis. Five places are reserved free for retired members; these will also be allocated on a first come first served basis.**

ROYAL SOCIETY OF CHEMISTRY, ENVIRONMENTAL CHEMISTRY GROUP

Thirty-sixth Annual General Meeting, 4 March 2009 and Distinguished Guest Lecture & Symposium on *The Future of Water*

Please tick the item(s) below as appropriate.

I would like to attend:

☐ The AGM ☐ The Symposium

I enclose a cheque for:

- ☐ £25 registration fee (ECG members/non-ECG concessions) RSC membership no. _____
- ☐ £50 registration fee (non-members of the ECG)
- ☐ I would like to attend as a retired RSC and ECG member

Name:

Address:

Email:

Please send to: Dr Leo Salter, Opie, Cornwall College, Pool, Redruth, Cornwall TR15 3RD
leo.salter@cornwall.ac.uk Fax 01209 616230