

**University of Reading  
Quantitative Assessment of the Environment  
Workshop**



**2-5pm 30 October 2002  
Sutcliffe Lecture Theatre  
Organiser: David B. Stephenson**



## Aims:

- Bring together environmental scientists working at the U. of Reading
- Learn about each other's research
- Identify common ground, tools, and future areas of collaboration

# Programme for the workshop

2:00-2:10pm Introduction

2:10-2:30pm Environmental Statistics – Howard Grubb

2:30-2:50pm Methods used at ESSC – Ivan Astin

2:50-3:10pm Methods used at DARC – Ross Bannister

3:10-4:00pm Tea/Coffee/Biscuits and informal discussion

4:00-4:20pm Methods used at CGAM – A. Hannachi/P-P. Mathieu

4:20-4:40pm Bayesian forecasting – Sergio Pezzulli

4:40-5:00pm Kriged predictions/variograms – Ruth Kerry

Idea: 15 minutes of talk + 5 minutes for questions

# Quantitative environmental science

## Activities:

- Measuring
- Monitoring
- Modelling
- Forecasting

## Common issues:

- Uncertainty
- Spatial variation
- Temporal variation
- Analysis tools

D.B.Stephenson@reading.ac.uk  
www.met.rdg.ac.uk/cag/stats

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