# JOHN SHEPHERD

# **PUBLICATIONS & PRESENTATIONS**

## **Recent Publications**

For publications since 2000 follow the link on my  $\underline{\text{University home page}}$ 

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Recent Presentations, Pre-prints & General Publications (as PDF files)

# EARTH SYSTEM MODELLING

QUEST and Modelling of the Earth System (Presentation to NERC town meeting, 2003)

The Earth System (General lecture, May 2003)

<u>Earth System Models (especially those of Intermediate Complexity)</u> (General lecture, May 2003)

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## **CLIMATE SCIENCE**

<u>Climate Change: The Big Picture (Why Mitigation is Essential)</u>: (Scientific Alliance symposium "2020 Vision: Powering the UK's Future" May 2003)

<u>The Science of Climate Change: The IPCC Third Assessment, and its Implications</u>: (Highgrove Briefing, 2001)

Radiative-convective models of "grey" atmospheres (Lecture notes)

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#### MATHEMATICAL METHODS

Overcoming the CFL time-step limitation: a simple, effective and stable iterative implicit numerical scheme for slowly evolving advection-diffusion systems. (Paper submitted to Ocean Modelling (August 2001); revised Feb/March 2002)



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#### FISHERIES SCIENCE

Are Fisheries Sustainable Resources? ... biological, environmental & socioeconomic issues (Presentation to the Royal Commission on Environmental Pollution, April 2003)

<u>Sustainable Fisheries: Myth or Mirage?</u> (Memorandum prepared for the Royal Commission on Environmental Pollution, April 2003)

<u>Fishing Effort Control: Could it be made to work under the CFP?</u> (Fisheries Research, in press, May 2003)

<u>Fisheries Management: Breaking the Deadlock</u> (pp 233-235 in "Seapower at the Millennium" G. Till (editor), Sutton Publishing, 2001, for Royal Naval Museum Publications)

<u>Key issues in the conservation of fisheries</u> (Lowestoft Laboratory Leaflet No. 72, 1993)

Why fisheries need to be managed, and why technical measures on their own are not enough (Lowestoft Laboratory Leaflet No. 71, 1993)

<u>Aide Memoire on Scientific Advice on Fisheries Management</u> (Lowestoft Laboratory Leaflet No. 70, 1992)

<u>Stability</u> and the <u>Objectives</u> of <u>Fisheries Management:</u> the <u>Scientific Background</u> (Lowestoft Laboratory Leaflet No. 64, 1990)

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