



Project no. GOCE-CT-2003-505539

Project acronym: ENSEMBLES

Project title: ENSEMBLE-based Predictions of Climate Changes and their Impacts

Instrument: Integrated Project

Thematic Priority: Global Change and Ecosystems

**Deliverable D8.4 Prototype of Internet Project: Public Understanding of Science**

Due date of deliverable: month 30

Actual submission date: first draft: month 30, this revision: month 36

Start date of project: 1 September 2004

Duration: 60 Months

Lead Partner: UEA: University of East Anglia, Norwich, UK

Contributing Partners: All

Revision [2]

Project co-funded by the European Commission within the Sixth Framework Programme (2002-2006)		
Dissemination Level		
<b>PU</b>	Public	x
<b>PP</b>	Restricted to other programme participants (including the Commission Services)	
<b>RE</b>	Restricted to a group specified by the consortium (including the Commission Services)	
<b>CO</b>	Confidential, only for members of the Consortium (including the Commission Services)	

This deliverable is a Web site, currently located at:

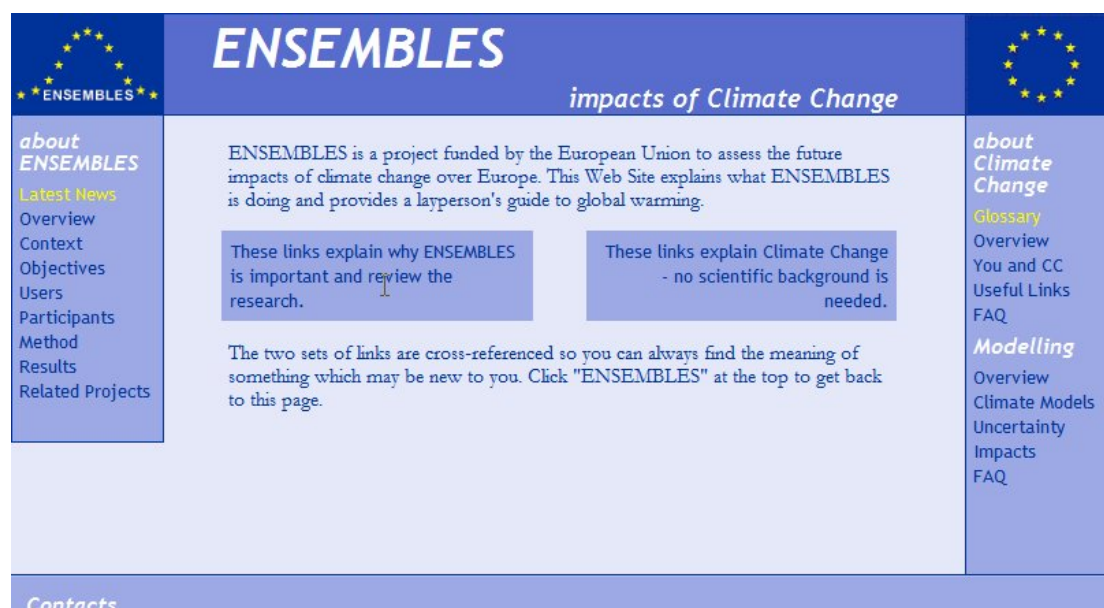
<http://cruweb1.cru.uea.ac.uk/~tomh/ensemblespublic/index.html>

It consists of two sets of Web pages:

- One set is a public description of ENSEMBLES designed for non-climate scientists
- The other presents an explanation of climate change designed for non-scientific visitors

Between them, these sets of pages fulfill the objectives of M8.3, M8.4, and D8.4

The above Web site is temporary, and is designed to make it easy to implement large changes in structure and content. A screen capture of the opening screen is shown below.



As content is contributed by ENSEMBLES partners, the menu items will be completed until there is sufficient material to present to the public. Then, the site will be transferred to a more attractive, professional presentation which will form the basis of the finished Web site.

The screen captures on the next page show artwork for a couple of sample pages for the finished site. CSS code has been written to convert the artwork into working Web pages.

An initial list of ENSEMBLES Work Package leaders has been contacted via email, inviting them to contribute content. This will be an ongoing process over the next few months, particularly. It is anticipated that the public version of the site will be ready by month 40, but this is dependent on a regular flow of contributions and comment.

Tom Holt (UEA) will continue to maintain and update the site on a no costs basis until the end of the project at least.

# ENSEMBLES

## impacts of Climate Change

ENSEMBLES is a project funded by the European Union to assess the future impacts of climate change over Europe. This Web Site explains what ENSEMBLES is doing and provides a layperson's guide to global warming.

The first set of links to the right provides a guide to Climate Change, with no assumptions about scientific training. The second set gives a detailed review of ENSEMBLES, and is aimed more at those with some scientific experience. However, you can always find the meaning of something new to you using the cross-referenced Glossary. Click "ENSEMBLES" at the top of any page to get back here.

**Contacts**

	EC Project Officer Dr Georgios Amanatidis European Commission		Project Director Chris Hewitt Hadley Centre	Comments on Web Pages Tom Holt Climatic Research Unit
---	---	---	---	---

**about Climate Change**

- [Overview](#)
- [You and CC](#)
- [Useful links](#)
- [FAQ](#)

**Modelling**

- [Overview](#)
- [Climate models](#)
- [Uncertainty](#)
- [Impacts](#)
- [FAQ](#)

**Glossary**

---

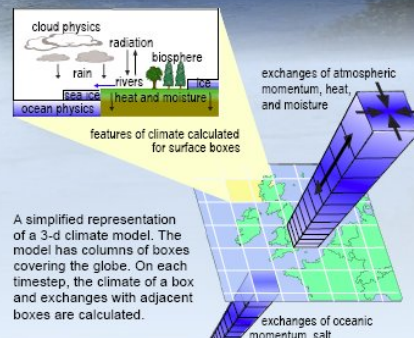
**What's New**

**about ENSEMBLES**

- [Overview](#)
- [Context](#)
- [Objectives](#)
- [Users](#)
- [Participants](#)
- [Method](#)
- [Results](#)
- [Related Projects](#)

# ENSEMBLES

## Climate Change Modelling: Overview



A simplified representation of a 3-d climate model. The model has columns of boxes covering the globe. On each timestep, the climate of a box and exchanges with adjacent boxes are calculated.

(redrawn from a Met Office original) © Tom Holt 2006

**about Climate Change**

- [Overview](#)
- [You and CC](#)
- [Useful links](#)
- [FAQ](#)

**Modelling**

- [Overview](#)
- [Climate models](#)
- [Uncertainty](#)
- [Impacts](#)
- [FAQ](#)

**Glossary**

---

**What's New**

**about ENSEMBLES**

- [Overview](#)
- [Context](#)
- [Objectives](#)
- [Users](#)
- [Participants](#)
- [Method](#)
- [Results](#)
- [Related Projects](#)

Future climate can be simulated by computer models of the Earth-atmosphere system. Using known starting conditions, and mathematical descriptions of physical processes, models calculate the response of climate to "forcing" such as changes in the amount of atmospheric carbon dioxide.

The model divides the ocean and atmosphere into a series of boxes. Each