Prediction of regional scenarios and uncertainties for defining european climate change risks and effects

Fact Sheet

Project Information

PRUDENCE

Grant agreement ID: EVK2-CT-2001-00132

Funded under
FP5-EESD

Start date 1 November 2001

End date 31 October 2004

Overall budget € 6 105 575

EU contribution € 3 426 244

Coordination

DANISH METEOROLOGICAL INSTITUTE

Denmark

Objective

PRUDENCE proposes to co-ordinate the analysis, and demonstrates the use, of European high-resolution climate change modelling involving 4 high-resolution Atmospheric General Circulation Models (Acmes) , 8 Regional Climate Models (ROMs ) and several climate impacts models. Due to the heterogeneity of possible climate change through Europe and the impacts this may imply, European wide expertise from both climate and impacts modelling groups , as well as from within social and political sciences, is required. This will ensure a comprehensive utilisation of the entire set of climate change simulations takes place. A co-ordinated effort within one common 'end-to-end' project will enable an unprecedented quantification of the uncertainties associated with impacts of future climate changes for Europe. In demonstrating the feasibility of such a combined effort, a new standard for interdisciplinary work throughout Europe will be set.
Programme(s)

Topic(s)

Funding Scheme
CSC - Cost-sharing contracts

Coordinator

DANISH METEOROLOGICAL INSTITUTE

Address
100, Lyngbyvej 100
2100 Copenhagen
Denmark

Participants (18)

CONSORZIO INTERUNIVERSITARIO PER LA GESTIONE DEL CENTRO DI CALCOLO ELETTRONICO DELL'ITALIA NORD ORIENTALE

Address
Via Magnanelli 6/3
40033 Cantagallo

DANISH INSTITUTE OF AGRICULTURAL SCIENCES

Address
Dias Research Centre Foulum
8830 Tjele

FINNISH ENVIRONMENTAL INSTITUTE

Address
6, Kesäkatu 6
FINNISH METEOROLOGICAL INSTITUTE
Finland
Address
24,Vuorikatu 24
00100 Helsinki

GERMAN AEROSPACE CENTRE
Germany
Address
Muenchener Strasse 20,
Oberpfaffernhofen
82234 Wessling

GKSS - FORSCHUNGSZENTRUM GEESTHACHT GMBH
Germany
Address
Max-planck-strasse 1
21502 Geesthacht

MAX-PLANCK-GESELLSCHAFT ZUR FOERDERUNG DER WISSENSCHAFTEN E.V.
Germany
Address
Bundesstraße 55
20146 Hamburg

METEO-FRANCE
France
Address
42,Avenue G. Coriolis 42
31057 Toulouse

RISOE NATIONAL LABORATORY
Denmark
Address
Frederiksborgvej 399
4000 Roskilde
UNIVERSIDAD POLITECNICA DE MADRID

Spain

Address
Avda. Complutense, Ciudad Universitaria
28040 Madrid

UNIVERSITY OF FRIBOURG

Switzerland

Address
Perolles
1700 Fribourg

UNIVERSITY OF READING

United Kingdom

Address
Earley Gate 2, Whiteknights
RG6 6BB Reading / Silchester

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