

## METAFOR Deliverable 7.6 Open Dissemination Workshop

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<b>Dissemination Level</b>		
PU	Public	X
PP	Restricted to other programmes participants	
RE	Restricted to a group specified by the Consortium	
CO	Confidential	

## Metafor Open Dissemination Workshop

The Metafor Open Dissemination Workshop was held in Abingdon, UK, on the 14<sup>th</sup> March 2011. Its aim was to share CIM (Common Information Model) concepts with the community, and to engage the non-Metafor participants in the governance processes that will be created in future months to develop the CIM further for the benefit of the wider climate modeling community. The workshop consisted of a number of presentations, including such topics as about the Metafor project, an introduction to the CIM, how to use it and develop tools and services for it, and also how the CIM is being used by CMIP5<sup>1</sup> and other areas in climate modeling.

The workshop attendees included climate modelers, the end users of climate data and also metadata experts from several countries including the UK, France, Germany, the Netherlands, Spain and the USA.

The workshop was recorded and will shortly be available for download from the Metafor website (<http://metaforclimate.eu>). This document contains the agenda and the attendee list, and the workshop slides are available for download from the Metafor website at <http://metaforclimate.eu/Documents/Public-Documents/Open-Dissemination-Workshop/View-category.htm>.

## EGU 2011 Splinter Meeting

The Metafor project also hosted a live training session for the CMIP5 questionnaire at the European Geosciences Union General Assembly, held in Vienna, Austria, on Thursday the 7<sup>th</sup> April. This workshop was predominantly aimed at the users of the CMIP5 questionnaire, and presented an opportunity for them to interact with the questionnaire developers.

Ten participants attended the splinter meeting (including the three Metafor staff running and presenting the meeting). Participants came from the UK, Germany and China.

The slides from this meeting are part of the questionnaire help documentation and are available on the Metafor website at <http://metaforclimate.eu/Documents/View-document-details/284-CMIP5-questionnaire-meeting-at-EGU-2011.htm>.

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<sup>1</sup>The fifth Coupled Model Intercomparison Project



# Metafor Project Workshop: Using the Metafor Common Information Model (CIM) to store, discover and locate climate modelling data.

*Location: Abingdon, UK*

*Date: Monday 14th March 2011*

The Metafor project is developing a Common Information Model (CIM) to describe climate data and the models that produce it in a standard way (see <http://metaforclimate.eu>). In particular, Metafor is leading an international effort to develop controlled vocabulary and metadata collection procedures in support of the next climate model intercomparison project CMIP5 (see online questionnaire at <http://q.cmip5.ceda.ac.uk>). The core information model Metafor has developed is nevertheless very generic and can be applied to other modelling fields. This re-usability of the metadata development and tools is a high-level commitment of the Metafor development and will be at the core of this workshop.

This workshop is aimed at climate modellers and end users of climate data but also welcomes metadata experts.

## **Agenda**

<b>Time</b>	<b>Topic</b>	<b>Presenter</b>
10:00	An introduction to Metafor, and why metadata matter	Eric Guilyardi, Metafor project coordinator
10:30	A guided tour of the CIM	Allyn Treshansky
11:00	<i>Coffee</i>	
11:15	The CMIP5 controlled vocabulary	Sébastien Denvil
11:45	Using the CIM - part 1	Allyn Treshansky, Hans Ramthun and Mark Morgan
12:30	<i>Lunch</i>	
13:30	Using the CIM - part 2	Allyn Treshansky, Hans Ramthun and Mark Morgan
14:15	How ESMF/Curator is using the CIM - featuring the ESG trackback	Sylvia Murphy
14:45	<i>Coffee</i>	
15:00	CMIP5 and the CIM	Charlotte Pascoe and Gerry Devine
15:30	How to extend the CIM to other fields	Charlotte Pascoe
16:00	The future of the CIM and the controlled vocabulary (discussion session)	Eric Guilyardi
17:00	<i>Workshop closes</i>	

## **About Metafor**

METAFOR is funded by the European Union 7th Framework Programme as an e-infrastructure (project # 211753). It is part of the European Network for Earth System Modelling (ENES) and collaborates with the Earth System Curator in the USA.

The METAFOR project is developing a Common Information Model (CIM) to describe climate data and the models that produce it in a standard way. By addressing the fragmentation and gaps in existing metadata, the CIM will help identify, access and use climate model data, both in existing and future repositories. In particular, and in close collaboration with its international partners, METAFOR is developing controlled vocabulary and metadata collection procedures in support of the next climate model intercomparison project CMIP5. The development of such standards, which have shown their value in other communities, will over time optimize the way climate data infrastructures are used to store knowledge, thereby adding value to primary research data and information, and providing an essential asset for the numerous stakeholders actively engaged in climate change issues (policy, research, impacts, mitigation, private sector).

Web site: <http://metaforclimate.eu>

Watch the Metafor and Team Digital Preservation cartoon at <http://www.youtube.com/watch?v=76MCRXK4Itc>



# Metafor Project Workshop: Using the Metafor Common Information Model (CIM) to store, discover and locate climate modelling data.

*Location: Abingdon, UK*

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## Attendee List

Adam Leadbetter	British Oceanographic Data Centre, UK
Liliana VELEA	National Meteorological Administration, Romania
Helen Snaith	British Oceanographic Data Centre National Oceanography Centre, UK
Joerg Wegner	German Climate Compute Centre (DKRZ), Germany
Maarten Plieger	Royal Netherlands Meteorological Institute (KNMI), the Netherlands
Kevin Marsh	BADC, UK
Ksenia Glushak	Max Planck Institute for Meteorology, DKRZ, Germany
Brian Matthews	e-Science Centre, STFC, UK
Monika Esch	Max Planck Institute for Meteorology, Germany
Antonio S. Cofiño	University of Cantabria, Spain
Sébastien Denvil	CNRS/IPSL, France
Stephen Pascoe	BADC, UK
Karl Taylor	PCMDI, USA
Mike Mineter	University of Edinburgh, UK
Oriol Mula-Valls	Catalan Institute for Climate Sciences (IC3), Spain
Sarah Callaghan	BADC, UK
Michael Lautenschlager	DKRZ, Germany
Allyn Treshansky	Coelacanth Consulting, Ltd, USA
Sylvia Murphy	NOAA/CIRES, USA
Glenn Carver	Dept of Chemistry University of Cambridge, UK
Hans Ramthun	DKRZ Datamangement, MPI-M Hamburg, Germany
Dan Hodson	NCAS-Climate, University of Reading, UK
Charlotte Pascoe	BADC, UK
Scott Osprey	NCAS, Department of Physics, University of Oxford, UK
Kerstin Fieg	Data Management / DKRZ , Germany
Eric Guilyardi	NCAS-Climate, University of Reading and IPSL, UK and France
Sophie Valcke	CERFACS, France
Gerard Devine	NCAS, University of Reading, UK