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Topic: SC5-01-2014

PRIMAVERA

Grant Agreement 641727



**PRocess-based climate sIMulation: AdVances in high resolution modelling and
European climate Risk Assessment**

Deliverable D9.3

Tools for data conversion to CMOR format

Deliverable Title	<i>D9.3 Tools for data conversion to CMOR format</i>	
Brief Description	<i>Ensure tools for data conversion to CMOR format are developed, tested and available for project partners.</i>	
WP number	9	
Lead Beneficiary	<i>Matt Mizielinski Met Office</i>	
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Version Date	18-10-2016	
Deliverable Due Date	31-10-2016	
Actual Delivery Date	31-10-2016	
Nature of the Deliverable		<i>R - Report</i>
		<i>P - Prototype</i>
		<i>D - Demonstrator</i>
	O	<i>O – Other – includes an online element</i>
Dissemination Level/ Audience	PU	<i>PU - Public</i>
		<i>PP - Restricted to other programme participants, including the Commission services</i>
		<i>RE - Restricted to a group specified by the consortium, including the Commission services</i>
		<i>CO - Confidential, only for members of the consortium, including the Commission services</i>

Version	Date	Modified by	Comments
0.5	10-10-16	PVDL	First version for WP9 internal comment
1.0	31-10-16	MM	Submission to EC

1. Report

This report confirms that tools for data conversion to CMOR format are available within the consortium for use in the project, and that they have been tested and found to be appropriate for the intended use.

2. Project Objectives

With this deliverable, the project has contributed to the achievement of the following objectives (DOA, Part B Section 1.1) WP numbers are in brackets:

No.	Objective	Yes	No
A	To develop a new generation of global high-resolution climate models. (3, 4, 6)		No
B	To develop new strategies and tools for evaluating global high-resolution climate models at a process level, and for quantifying the uncertainties in the predictions of regional climate. (1, 2, 5, 9, 10)	Yes	
C	To provide new high-resolution protocols and flagship simulations for the World Climate Research Programme (WCRP)'s Coupled Model Intercomparison Project (CMIP6) project, to inform the Intergovernmental Panel on Climate Change (IPCC) assessments and in support of emerging Climate Services. (4, 6, 9)		No
D	To explore the scientific and technological frontiers of capability in global climate modelling to provide guidance for the development of future generations of prediction systems, global climate and Earth System models (informing post-CMIP6 and beyond). (3, 4)	Yes	
E	To advance understanding of past and future, natural and anthropogenic, drivers of variability and changes in European climate, including high impact events, by exploiting new capabilities in high-resolution global climate modelling. (1, 2, 5)		No
F	To produce new, more robust and trustworthy projections of European climate for the next few decades based on improved global models and advances in process understanding. (2, 3, 5, 6, 10)		No
G	To engage with targeted end-user groups in key European economic sectors to strengthen their competitiveness, growth, resilience and ability by exploiting new scientific progress. (10, 11)		No
H	To establish cooperation between science and policy actions at European and international level, to support the development of effective climate change policies, optimize public decision making and increase capability to manage climate risks. (5, 8, 10)		No