

Actions from JULES management meeting.

Met Office, Exeter, 16th October 2006, 11:00 to 15:00.

Present: Olivier Boucher (chair), Colin Prentice, Richard Essery, Peter Cox, Martin Best, Eleanor Blyth (minutes) and Pier Luigi in telecom (for first half)

Outreach – how to communicate to the UK science community about the management committee and how it is organised.

To coincide with IGBP newsletter due to be published in October or thereabouts:

Eleanor to update website

Olivier to write a letter to Alan Thorpe

Peter to organise press release via NERC press office

Communication with QESM:

Eleanor to link with Allan Spessa

Olivier to link with Jonathan Gregory

Next Science meeting:

The next Science meeting should include a Chemistry section (frontier science – not core yet) so that everyone is brought up to speed on the issues.

This version of JULES (version 2.0 - October 2006)

To include modular version of code and distributed modelling

Code documentation (to be released with version 2.0)

Pier-Luigi to write a template for the documentation of JULES based on others he has seen and used – including description of each subroutine and how it works

Martin to adapt the template to JULES including the new modular structure

Next version of JULES (version 2.1 – March 2007)

Peter and Richard to write code to check carbon, water and energy balance

Peter and Richard to ensure diagnostics of JULES compatible with ALMA

Test sites (to be released with version 2.1)

Eleanor to select a group of test sites (based on PILPS) and write code for automatic checking of JULES against those test sites, with documentation of how the basic JULES model performs.

Olivier will get documentation from the Camels project to assist.

Working Groups

Peter to edit flow diagram for JULES which identifies groups and group-leaders.

Olivier to write to group-leaders, asking them if they are prepared to take on the role (identifying details of science in the group, who will do the science and organise the group at the science meetings).

Communication with JULES users

Pier-Luigi (if he agrees) to set up an e-mailing list of JULES users.

Eleanor to ask Ben Haddon Smith (CEH web person) if we can have wiki pages on the JULES website.

Olivier to check whether Flexible Code Management (used by the Met Office) is free.

Martin to write one page coding standards summary.

JULES office.

It was agreed that the ideal arrangement would be a JULES office, manned by one person, paid for 50% by Met Office and 50% by NERC (through the CEH Environment Informatics Programme).

Eleanor to talk to Matthew Stiff (head of EIP) to see what he thinks of this idea and report back.

Martin and Olivier to see what Met Office honchos think of it

Plan B is that there will be a QUEST post to do this for 2.5 years.

Licencing issues

It was agreed that any licencing should be as liberal as possible – without putting off the University sector. We decided that any organisation that had been deemed to contribute to the JULES model (by the management committee) would have a right to use the code for commercial purposes. Other users would only be able to use it for research purposes. It was discussed that a licence might be drawn up whereby other users who wished to use it for commercial purposes could pay to do so.

No actions were agreed on this.

Date of Next Meeting.

In Bristol January 22nd (to be confirmed by Colin)

Next Science meeting: at end of Quest Open Science Meeting in Oxford, April 30th 2006.