COMBINE GENERAL ASSEMBLY
10 June 2010, 13:30 – 15:00 POSTER SESSION

CAB building, Universitätstr. 6. Foyer, Floor G (Zurich, Switzerland)

WP1: Carbon and Nitrogen Cycles

1. Coupled nitrogen - carbon cycle simulations for the 21st century with JSBACH-CN. Parida, BR(1), CH Reick(1), J Kattge(2), and M Claussen(1,3); (1) MPI-M Hamburg, Germany (2) MPI-B Jena, Germany (3) University Hamburg, Germany

2. Global carbon and water cycles inferred from FLUXNET eddy covariance data via integration with global Earth observations. Reichstein, M(1), M Jung(1), C Beer(1), E Tomelleri(1), D Baldocchi(2), N Gobron(3), C Rödenbeck(1), D Papale(4), FLUXNET members(5); (1) MPI-B Jena, Germany (2) University of California Berkeley, USA (3) Institute for Environment and Sustainability, Ispra, Italy, (4) University of Tuscia, Viterbo, Italy (5) www.fluxdata.org

3. Incorporating anthropogenic land cover changes into studies of climate change. Weiss, M, M Brandt, B van den Hurk, R Haarsma and W Hazeleger (KNMI De Bilt, The Netherlands)

WP2: Aerosol, Clouds and Chemistry

4. Inhomogeneities of clouds - A statistical scheme for large-scale models. Jess, S, P Spichtinger, P and U Lohmann (ETH Zurich, Switzerland)

5. Aerosol-cloud interactions in the ECHAM5 GCM. Reutter, P and U Lohmann (ETH Zurich, Switzerland)

6. Bacteria in the ECHAM5-HAM global climate model. Sesartić, A(1), U Lohmann(1) and T Storelvmo(2)**;** (1) ETH Zurich, Switzerland (2) Yale University, New Haven (CT), U.S.A.

20. Comparison with satellite observations of diagnostics for the 1st aerosol indirect effect. Yan, N(1), Y Balkanski(1), M Schulz(1) and J Quaas(2) ; (1) LSCE/IPSL Gif-sur-Yvette, France (2) MPI-M Hamburg, Germany

WP3: Stratosphere

7. Preindustrial climate: Results from the CMCC model with a well resolved stratosphere. Fogli, PG(1), C Cagnazzo(1), E Manzini(1,2,*); (1) CMCC Bologna, Italy (2) INGV Bologna, Italy (*) Now at MPI-M Hamburg, Germany

WP4: Cryosphere

8. Coupling GELATO sea-ice model to NEMO3.2/OPA9 - A new ocean/sea-ice model for global climate studies at CNRM. Chevallier, M, and D Salas-Y-Melia (CNRM Toulouse, France)

9. A new snow thermodynamic scheme for the Louvain-la-Neuve Sea Ice Model (LIM). Lecomte, O, T Fichefet and M Vancoppenolle (UCL Louvain-la-Neuve, Belgium)

10. Implementation of a new surface scheme for land ice in the LMDZ/IPSL climate model. Punge, HJ(1), M Kageyama(1), H Gallée(2), G Krinner(2) and JL Dufresne(3); (1) (LSCE, CEA/CNRS/UVSQ)/IPSL Gif-sur-Yvette, France (2) LGGE, CNRS/UJF Grenoble, France (3) (LMD, CNRS)/IPSL Paris, France

11. Sensitivity of a Greenland ice sheet model to atmospheric fields. Quiquet, A(1), C Ritz(1), H Gallée(1), X Fettweis(2), G Krinner(1), D Salas-Melia(3); (1) LGGE, CNRS, France (2) Université de Liège, Belgium (3) CNRM Toulouse, France

WP5: Initialization

12. How well do we know the state of the ocean in the last decades? Balmaseda, MA, K Mogensen and F Molteni (ECMWF Reading, United Kingdom)

13. Sea-ice data assimilation in NEMO-LIM2 and -LIM3 using the Ensemble Kalman Filter. König Beatty, C, P Mathiot, F Massonnet, T Fichefet, H Goosse (TECLIM, Earth Life Institute, UCL Belgium)

14. Impact of Different Ocean Reanalyses on Decadal Climate Prediction. Kröger, J, W Müller and J-S von Storch (MPI-M Hamburg, Germany)

15. Strategies for dealing with systematic errors in a coupled ocean-atmosphere forecasting system. Magnusson, L, MA Balmaseda and F Molteni (ECMWF Reading, United Kingdom)

WP6: Climate Prediction

16. Decadal Prediction experiments at KNMI using EC-EARTH. Wouters, B, W Hazeleger, GJ van Oldenborg and R Haarsma (KNMI, The Netherlands)

WP7: Climate Projections and Feedbacks

17. Met Office Hadley Centre CMIP5 simulations. Jones, C, J Hughes, S Liddicoat, M Doutriaux-Boucher (METO Exeter, United Kingdom)

18. CNRM-CM5 : design and first results. Voldoire, A(1), A Alias(1), C Cassou(2), B Decharme(1), H Douville(1), E Maisonnave(2), D Salas-y-Mélia(1), E Sanchez(2) and S Sénési(1)**;** (1) CNRM/GAME Toulouse, France (2) CERFACS Toulouse, France

WP8: Impacts and Scenarios

19. Performance of ENSEMBLES RCMs over Crete and Thessaly case study regions. Tsanis, IK and AG Koutroulis (TUC Chania, Greece)