

# ERA-CLIM2

## 4<sup>th</sup> General Assembly

12-15 December 2017 (University of Bern)



### Agenda

Tuesday 12 December (0900-1800), Kuppelsaal, Main Building, University of Bern		
0900-	Registration	
1030-1045	1. Welcome and Introduction	Roberto Buizza
1045-1455 <b>WP1</b> (Global 20 <sup>th</sup> century reanalysis) and <b>WP5</b> (Service developments)		
1045-1105	2. Overview WP1 / WP5	P. Laloyaux
1105-1130	3. Biogeochemical reanalysis	C. Perruche
1130-1155	4. CERA-SAT	D. Schepers
1155-1220	5. Land Carbon reanalysis	P. Peylin / N. Vuichard
1220-1330 Lunch		
1330-1355	6. CERA-SAT ocean component and further developments	E. de Boisseson
1355-1420	7. Tropical cyclone representation	Y. Kosaka
1420-1445	8. Improving the use of historical surface and upper-air observations	P. Dahlgren
1445-1745 <b>WP2</b> (Future coupling methods)		
1445-1455	9. Overview of WP2	M. Martin
1455-1515	10. SST assimilation developments	D. Lea and J. While
1515-1535	11. Sea-ice assimilation developments	C.-E. Testut
1535-1555	12. Ensemble B in NEMOVAR	A. Weaver
1555-1625 Coffee break		
1625-1645	13. Ensemble covariances in coupled DA	A. Storto
1645-1705	14. Impact of 4DVar and research into fully coupled DA	A. Vidard
1705-1725	15. Land carbon optimisations	P. Peylin
1725-1745	16. Strengths/weaknesses in existing coupled DA, coupled error covariances and model drift/bias correction	K. Haines/X. Feng
1745-1800	17. Variational bias correction of sea surface temperature observations	J While/M. Martin
1800-1820 <b>Discussion</b> (WPs 1, 2 and 5)		
1820-2000 Reception		
2000	End of first day	

Wednesday 13 December (0900-1800) Kuppelsaal, Main Building, University of Bern		
<b>0845-1225 WP3 (Earth System Observations)</b>		
0845-0910	18. WP3 Overview and accomplishments	S. Brönnimann
0910-0935	19. RIHMI Input for WP3 within ERA CLIM2 Project	A. Sterin
0935-1000	20. Data Rescue, QC and a metadatabase: FCIências.ID's contribution to WP3	M. A. Valente
1000-1025	21. Upper air data rescue Météo-France's contribution to WP3	S. Jourdain
1025-1050	22. Snow in situ and satellite data	J. Pulliainen
1050-1110 Coffee break		
1110-1135	23. Satellite data records for reanalysis	J. Schulz
1135-1200	24. Met Office contribution to WP3 in 2017	N. Rayner
<b>1200-1710 WP4 (Quantifying and reducing uncertainties)</b>		
1200-1205	25. Overview of WP4	Leo Haimberger
1205-1225	26. Uncertainties and bias corrections for radiosonde temperatures	Leo. Haimberger
1225-1350 Lunch break		
1350-1410	27. Bias corrections for radiosonde humidity	Michael Blaschek
1410-1430	28. Quality control for observations	M. Antonia Valente
1430-1450	29. ERA20C and Cera-20C precipitation in comparison to GPCP daily and monthly analyses	Markus. Ziese
1450-1510	30. Uncertainties associated to the land carbon balance; comparison between ORCHIDEE and CTESSEL	Philippe Peylin
1510-1530	31. Comparison with other reanalyses, Trends and low frequency variability	Leo Haimberger
1530-1610 Coffee break		
1610-1630	32. Comparisons of ERA reanalyses with the station Upper Air data	Alexander Sterin
1630-1650	33. Uncertainties in energy budgets	Leo Haimberger, Michael Mayer,
<b>1650-1800 Discussion</b> The ERA-CLIM2 project: lessons learned and open questions for the future		
1900 Dinner		
End of second day		