

Agenda for DTC Verification Workshop (Updated 11 April 2008)

All sessions will take place in the EOL Atrium in Building 1 of NCAR's Foothills Lab

Wednesday, April 16

Intro, goals, and overview verification in the DTC (Chair: John Halley Gotway)

8:00 - 8:30	Coffee and tea	
8:30 - 9:00	Introduction and goals	Barbara Brown (NCAR; Boulder, CO)
9:00 - 9:20	DTC Overview	Louisa Nance (NCAR; Boulder, CO)
9:20 - 9:40	A verification service for DTC	Jennifer Mahoney (NOAA/ESRL; Boulder, CO)
9:40 - 10:00	MET overview	Lacey Holland (NCAR; Boulder, CO)
10:00 - 10:30	COFFEE BREAK	
10:30 - 11:15	Development of a verification method testbed	Mike Baldwin (Purdie Univ.; W. Lafayette, IN)
11:15 - 12:00	Discussion - General topics	Barbara Brown (NCAR; Boulder, CO)
12:00 - 1:30	LUNCH	

Spatial verification methods (Chair: Barbara Casati)

1:30 - 2:15	Spatial methods	Beth Ebert (BOM; Melbourne, Australia)
2:15 - 3:00	Overview of spatial method intercomparison	Dave Ahijevych (NCAR; Boulder, CO)
3:00 - 3:15	COFFEE BREAK	
3:15 - 4:00	Discussion - Spatial verification methods	Eric Gilleland (NCAR; Boulder, CO)
Verification of probability and ensemble forecasts (Chair: Barbara Casati)		
4:00 - 4:45	Probability and ensemble methods	Laurie Wilson (Env. Canada; Montreal, Canada)
4:45 - 5:15	R methods and rank histograms	Matt Pocerlich (NCAR; Boulder, CO)
5:30 - 7:00	Reception - Foothills Lab Cafeteria	

Thursday, April 17

Verification of probability and ensemble forecasts (cont.) (Chair: David Ahijevych)

8:00 - 8:30	Coffee and tea	
8:30 - 8:50	Spread-skill relationships	Tom Hopson (NCAR; Boulder, CO)
8:50 - 9:10	Verification of Hydrologic Forecasts in the NWS	Yuqiong Liu (NOAA/OHD; Silver Spring, MD)
9:10 - 9:45	Spatial evaluation of ensemble forecasts	Bill Gallus (Iowa State Univ.; Ames, Iowa) and Barbara Casati (Ouranos; Montreal, Canada)
9:45 - 10:30	Discussion - Ensemble and probability forecasts	Lacey Holland (NCAR, Boulder, CO)
10:30 - 10:45	COFFEE BREAK	

Verification service (Chair: David Ahijevych)

10:45 - 11:45	Verification Service Plans	Sean Madine (NOAA/ESRL, Boulder, CO)
11:45 - 12:30	Discussion - Verification service	TBD
12:30 - 2:00	LUNCH	

Inference - Confidence intervals and hypothesis tests (Chair: Jennifer Mahoney)

2:00 - 3:00	Inference methods	Ian Jolliffe (Univ. of Exeter, UK)
3:00 - 3:30	Bootstrap methods	Eric Gilleland (NCAR; Boulder, CO)
3:30 - 4:00	COFFEE BREAK	
4:00 - 5:00	Discussion - inference methods	Matt Pocerlich (NCAR; Boulder, CO)

Friday, April 18

Observation uncertainty (Chair: Eric Gilleland)

8:00 - 8:30	Coffee and tea	
8:30 - 9:00	Observation uncertainty overview	Barbara Brown (NCAR; Boulder, CO)
9:00 - 9:20	Estimation of observation uncertainty in data assimilation	Josh Hacker (NCAR; Boulder, CO)
9:30 - 10:00	Verification of cloud parameters: a future role for satellite imagery?	Marion Mittermaier (Met. Office; UK)
10:00 - 10:30	COFFEE BREAK	
10:30 - 11:00	Wavelet reconstruction of sparse observations	Barbara Casati (Ouranos; Canada)
11:00 - 11:45	Discussion - Observation uncertainty	Beth Ebert (BOM; Melbourne, Australia)
11:45 - 1:15	LUNCH	

Cyclone tracks, extremes and standards of reference (Chair: Lacey Holland)

1:15 - 1:30	NCEP Cyclone track evaluation	Geoff DiMego
1:30 - 2:00	Verification of extremes	Barbara Casati (Ouranos; Canada)
2:00 - 2:30	Types of reference forecasts: making the appropriate choices	Marion Mittermaier (Met. Office; UK)
2:30 - 3:15	Discussion - Extremes and standards of reference	Martin Goeber (DWD; Offenbach, Germany)
3:15 - 3:30	COFFEE BREAK	

Summary and discussion

3:30 - 4:15	Summary of priorities and recommendations	Barbara Brown
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