

List of COSMO Newsletters and Technical Reports

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COSMO Newsletters

- No. 1: February 2001.
- No. 2: February 2002.
- No. 3: February 2003.
- No. 4: February 2004.
- No. 5: April 2005.
- No. 6: July 2006; Proceedings from the COSMO General Meeting 2005.
- No. 7: May 2008; Proceedings from the COSMO General Meeting 2006.
- No. 8: August 2008; Proceedings from the COSMO General Meeting 2007.
- No. 9: December 2008; Proceedings from the COSMO General Meeting 2008.
- No.10: January 2010; Proceedings from the COSMO General Meeting 2009.
- No.11: February 2011; Proceedings from the COSMO General Meeting 2010.
- No.12: March 2012; Proceedings from the COSMO General Meeting 2011.

COSMO Technical Reports

- No. 1: Dmitrii Mironov and Matthias Raschendorfer (2001):
Evaluation of Empirical Parameters of the New LM Surface-Layer Parameterization Scheme. Results from Numerical Experiments Including the Soil Moisture Analysis.
- No. 2: Reinhold Schrodin and Erdmann Heise (2001):
The Multi-Layer Version of the DWD Soil Model TERRA_LM.
- No. 3: Günther Doms (2001):
A Scheme for Monotonic Numerical Diffusion in the LM.
- No. 4: Hans-Joachim Herzog, Ursula Schubert, Gerd Vogel, Adelheid Fiedler and Roswitha Kirchner (2002):
LLM - the High-Resolving Nonhydrostatic Simulation Model in the DWD-Project LITFASS. Part I: Modelling Technique and Simulation Method.
- No. 5: Jean-Marie Bettems (2002):
EUCOS Impact Study Using the Limited-Area Non-Hydrostatic NWP Model in Operational Use at MeteoSwiss.
- No. 6: Heinz-Werner Bitzer and Jürgen Steppeler (2004):
Description of the Z-Coordinate Dynamical Core of LM.
- No. 7: Hans-Joachim Herzog, Almut Gassmann (2005):
Lorenz- and Charney-Phillips vertical grid experimentation using a compressible nonhydrostatic toy-model relevant to the fast-mode part of the 'Lokal-Modell'
- No. 8: Chiara Marsigli, Andrea Montani, Tiziana Paccagnella, Davide Sacchetti, André Walser, Marco Arpagaus, Thomas Schumann (2005):
Evaluation of the Performance of the COSMO-LEPS System
- No. 9: Erdmann Heise, Bodo Ritter, Reinhold Schrodin (2006):
Operational Implementation of the Multilayer Soil Model

- No. 12: April 2012

- No. 10: M.D. Tsyrlunikov (2007):
Is the particle filtering approach appropriate for meso-scale data assimilation?
- No. 11: Dmitrii V. Mironov (2008):
Parameterization of Lakes in Numerical Weather Prediction. Description of a Lake Model.
- No. 12: Adriano Raspanti (2009):
Final report on priority project VERSUS (VERification System Unified Survey).
- No. 13: Chiara Mirsigli (2009):
Final report on priority project SREPS (Short Range Ensemble Prediction System).
- No. 14: Michael Baldauf (2009):
COSMO Priority Project "Further Developments of the Runge-Kutta Time Integration Scheme" (RK); Final Report.
- No. 15: Silke Dierer (2009):
COSMO Priority Project "Further Developments of the Runge-Kutta Time Integration Scheme" (RK); Final Report.
- No. 16: Pierre Eckert (2009):
COSMO Priority Project "INTERP"; Final Report.
- No. 17: D. Leuenberger, M. Stoll, A. Roches (2010):
Description of some convective indices, implemented in the COSMO model.
- No. 18: Daniel Leuenberger (2010):
Statistical Analysis of high-resolution COSMO Ensemble forecasts, in view of Data Assimilation.
- No. 19: A. Montani, D. Cesari, C. Marsigli, T. Paccagnella (2010):
Seven years of activity in the field of mesoscale ensemble forecasting by the COSMO-LEPS system: main achievements and open challenges.