List of COSMO Newsletters and Technical Reports

(available for download from the COSMO Website: `www.cosmo-model.org`)

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.

No.13: April 2013; Proceedings from the COSMO General Meeting 2012.

No.14: April 2014; Proceedings from the COSMO General Meeting 2013.

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. 10: M.D. Tsyrulnikov (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.

No. 20: A. Roches, O. Fuhrer (2012):
Tracer module in the COSMO model.

No. 21: M. Baldauf (2013):
A new fast-waves solver for the Runge-Kutta dynamical core.

No. 22: C. Marsigli, T. Diomede, A. Montani, T. Paccagnella, P. Louka, F. Gofa, A. Corigliano (2013):
The CONSENS Priority Project.

No. 23: M. Baldauf, O. Fuhrer, M. J. Kurowski, G. de Morsier, M. Muellner, Z. P. Piotrowski, B. Rosa, P. L. Vitagliano, D. Wojcik, M. Ziemianski (2013):
The COSMO Priority Project 'Conservative Dynamical Core' Final Report.