



Project No. 037005



## CECILIA

### Central and Eastern Europe Climate Change Impact and Vulnerability Assessment

Specific targeted research project

1.1.6.3.I.3.2: Climate change impacts in central-eastern Europe

### D8.6: Final plan for using and disseminating knowledge

Due date of deliverable: 31<sup>st</sup> December 2009

Actual submission date: 31<sup>st</sup> December 2009

Start date of project: 1st June 2006

Duration: 43 months

Lead contractor for this deliverable: CUNI

Project co-funded by the European Commission within the Sixth Framework Programme (2002-2006)

Dissemination Level		
PU	Public	X
PP	Restricted to other programme participants (including the Commission Services)	
RE	Restricted to a group specified by the consortium (including the Commission Services)	
CO	Confidential, only for members of the consortium (including the Commission Services)	



# **Annex – Final plan for using and disseminating the knowledge**

## **1.1 Exploitable knowledge and its Use**

The results obtained do not contain explicitly exploitable knowledge and thus there is no direct commercial application.

## **1.2 Dissemination of knowledge**

The dissemination activities section should include past and future activities and will normally be in the form of a table maintained by the coordinator or any other person charged with controlling the dissemination activities.

In Table 9, the publication and presentation outputs of CECILIA are shown for the third period of the project (items 1-135, produced during the first two project periods, were given in the previous reports; please note, that due to technical correction in the database, numbering of the items may differ from the one used in period reports for years 1 and 2).

**Table 9a. CECILIA publications and presentations: References**

No.	Reference
136	Pongracz R., Bartholy J., Szabo P., Gelybo Gy. (2009): A comparison of observed trends and simulated changes in extreme climate indices in the Carpathian basin by the end of this century. International Journal of Global Warming, 1, pp. 336-355.
137	Bartholy J., Pongracz R., Torma Cs., Pieczka I., Kardos P., Hunyady A. (2009): Analysis of regional climate change modelling experiments for the Carpathian basin. International Journal of Global Warming, 1, pp. 238-252.
138	Pongrácz R., Bartholy J., Gelybó Gy., Szabó P. (2009): Detected and expected trends of extreme climate indices for the Carpathian basin. In: Bioclimatology and Natural Hazards (eds: Strelcova, K., et al.), pp. 15-28. Springer.
139	Bartholy J., Pongrácz R., Gelybó Gy., Kern A. (2009): What climate can we expect in Central/Eastern Europe by 2071-2100? In: Bioclimatology and Natural Hazards (eds: Strelcova, et al.), pp. 3-14. Springer.
140	Rodica MIC, C. CORBUS, Gianina CHIRILA, Aristita BUSUIOC, Mirela PANCESCU, Evaluarea impactului potential al schimbarilor climatice asupra regimului hidrologic din bazinile hidrografice Buzau si lalomita, Conferinta Internationala a INHGA 'Managementul resurselor de apa in conditii extreme', Bucuresti 22-24 septembrie 2008.
141	Rodica MIC, Ciprian CORBUS, Elisabeta OPRISAN, Participarea INHGA la realizarea obiectivelor proiectul CECILIA - 'Evaluarea impactului si a vulnerabilitatii la schimbari climatice in centru si estul Europei', Simpozionul CORINT 'Cercetarea romaneasca in Programul Cadru 6 de Cercetare-Dezvoltare, Inovare si Actiuni Demonstrative al Uniunii Europene', Sinaia, 8-11 octombrie 2008.
142	R.P. MIC, C. CORBUS, G. NECULAU, A. BUSUIOC, Potential impact of climate changes on the hydrological regime in the Buzau and lalomita river basins, Geophysical Research Abstracts, Vol. 11, EGU2009-11828.
143	Ciprian Corbus, Rodica Mic, Gianina Neculau, Aristita Busuioc, Estimarea modificarii regimului hidrologic din bazinile hidrografice Buzau si lalomita sub impactul potential al schimbarilor climatice., Sesiunea Anuala de Comunicari Stiintifice a Institutului de Geografie cu tema 'Cercetarea geografica si modificarile mediului', Bucuresti, June 19, 2009.
144	Rodica MIC, Ciprian CORBUS, Mihaela CAIAN, Gianina CHIRILA, Application of the high resolution regional climate change modelling for local impact study upon the hydrological

	regime in the Buzau and Ialomita river basins., Plinius Conference Abstracts, Vol. 11, PLINIUS11-0, 2009, 11th Plinius Conference on Mediterranean.
145	Elisabeta Oprisan, Gestionarea resurselor de apa in conditiile schimbarilor climatice. studiu de caz., Conferinta stiintifica anuala a INHGA, 21-22 octombrie 2009.
146	Ciprian Corbus, Rodica Mic, Marius Matreata, Estimarea impactului schimbarilor climatice asupra regimului hidrologic - rezultate obtinute din participarea la proiecte internationale, Conferinta organizata de revista Intercity Magazin si de Ministerul Mediului cu titlul : Solutii moderne si investitii specifice pentru diminuarea riscului la inundatii si alunecari de teren, Bucuresti, 26 noiembrie 2009.
147	Bartholy J., Pongrácz R., Torma Cs., Pieczka I., Hunyady A. (2009): Regional climate model experiments for the Carpathian basin. 89th AMS Annual Meeting/21st Conference on Climate Variability and Change. <a href="http://ams.confex.com/ams/pdffiles/147084.pdf">http://ams.confex.com/ams/pdffiles/147084.pdf</a> . Phoenix, AZ. 5p.
148	Pongrácz R., Bartholy J., Szabó P. (2009): Analysis of expected change of extreme climate indices in the Carpathian basin by 2071-2100. 89th AMS Annual Meeting/21st Conference on Climate Variability and Change. <a href="http://ams.confex.com/ams/pdffiles/147107.pdf">http://ams.confex.com/ams/pdffiles/147107.pdf</a> . Phoenix, AZ. 5p.
149	Pongrácz R., Bartholy J., Szabó P., Pieczka I., Torma Cs. (2009): Simulated trends of extreme climate indices for the Carpathian basin using outputs of different regional climate models. EGU2009-11837. Geophysical Research Abstracts, Vol. 11, 11837. CD-ROM. EGU General Assembly 2009
150	Torma Cs., Bartholy J., Pongrácz R., Barcza Z., Coppola E., Giorgi F. (2009): Estimation of regional climate change in the Carpathian basin using RegCM simulations for A1B scenario. EGU2009-12319-1. Geophysical Research Abstracts, Vol. 11, 12319. CD-ROM. EGU General Assembly 2009
151	Bartholy J., Csima G., Horányi A., Hunyady A., Pieczka I., Pongrácz R., Torma Cs., Szépsző G. (2009): Regional climate models for the Carpathian basin: validation and preliminary results for the future. EGU2009-12509. Geophysical Research Abstracts, Vol. 11, 12509. CD-ROM. EGU General Assembly 2009
152	Pongracz R., Bartholy J., Szabo P., Kovacs G. (2009): Trend analysis of extreme climate indices using simulated temperature and precipitation time series for the Carpathian basin. EMS & ECAM 2009: Abstracts & Programme. European Meteorological Society. Toulouse, France. EMS2009-486
153	Horányi A., Csima G., Szabó P., Szépsző G., Bartholy J., Hunyady A., Pieczka I., Pongrácz R., Torma Cs. (2009): Application of a regional climate model mini-ensemble for the Carpathian Basin. EMS & ECAM 2009: Abstracts & Programme. European Meteorological Society. Toulouse, France. EMS2009-319
154	Bartholy J., Pongracz R., Torma Cs. (2009): RCM-based climate prediction for the Carpathian basin using RegCM simulations. EMS & ECAM 2009: Abstracts & Programme. European Meteorological Society. Toulouse, France. EMS2009-482
155	Bartholy J., Pongracz R., Torma Cs., Pieczka I., Hunyady A. (2009): Regional climate modeling at the Eötvös Loránd University. Summer School on Climate Variability & Climate Change: Estimating and Reducing Uncertainties. Visegrád, Hungary. 8-17 June 2009.
156	Bartholy J., Pongrácz R., Kovács G., Torma Cs., Törék O., Pieczka I., Szabó P. (2009): Analysis of simulated trends of extreme climate indices with special emphasis on agricultural impacts using regional model outputs for the Carpathian Basin. International symposium on Climate change and adaptation options in Agriculture. Vienna, Austria. 22-23 June 2009.
157	Pongracz R., Bartholy J., Kovacs G., Pieczka I., Torma Cs. (2009): Extreme climate change scenarios for the Carpathian Basin. ENSEMBLES Final Symposium - A Changing Climate in Europe. UK MetOffice, Exeter, UK. 17-19 November 2009.
158	T. Hlásny, T., Vizi, L., Turčáni, M., Koreň, M., Kulla, L., Sitková Z. 2009. Geostatistical simulation of bark beetle infestation for forest protection purposes. Journal of Forest Science, 55, 11, 518-525
159	T. Hlásny, T., Turčáni, M., 2009. Insect pests as climate change driven disturbances in forest ecosystems. In: Střelcová , K., Mátyás, C., Kleidon, A., Lapin, M., Matejka, F., Blaženec, M., Škvarenina, J., Holécy, J. (Eds.), Bioclimatology and Natural Hazards. Springer, Netherlands, pp. 165-178.
160	K. Hlavčová, K., Szolgay, J., Kohnová, S., Hlásny, T. 2008. Simulation of hydrological response to the future climate in the Hron river basin. Journal of Hydrology and Hydromechanics, 56, 3, 163-175

161	Szolgay, J., Hlavčová, K., Parajka, J., Lapin, M., Kohnová, S., Hlásny, T.: Climate Change Impact on Runoff in the Hron River Basin. KEY Publishing, Ostrava 2008, 116 pp.
162	Stepanek, P., Skalak, P. and Farda A. (2009): RCM ALADIN-Climate/CZ simulation of 2021-2050 and 2071-2100 climate over the Central Europe region. Geophysical Research Abstracts, Vol. 11, EGU2009-10045, 2009 (EGU General Assembly 2009)
163	Štěpánek, P., Zahradníček, P., Skalák, P. (2009): Gridded dataset of daily values of various meteorological elements created for Central Europe in the period 1961-2000. Conference on the Spatial Interpolation Techniques in Climatology and Meteorology, Budapest, Hungary, 11 - 15 May 2009
164	Štěpánek, P., Farda, A., Skalák, P. (2009): Fluctuations of selected meteorological elements in mountainous regions of the Czech and Slovak republic according to RCM ALADIN-Climate/CZ outputs in the periods 2021-2050 and 2071-2100. Sustainable Development and Bioclimate, Stará Lesná 5. - 8. 10. 2009
165	Stepanek, P., Farda, A. and Skalak P. (2009): RCM ALADIN-Climate/CZ simulations of 2021-2050 and 2071-2100 climate over the Central Europe region with emphasis on analysis of extreme events. EMS Annual Meeting Abstracts, Vol. 6, EMS2009-187-1 (9th EMS / 9th ECAM)
166	Štěpánek, P., Zahradníček, P., Huth, R. (2010): Interpolation techniques used for data quality control and calculation of technical series: an example of Central European daily time series. Idojaras (submitted)
167	Štěpánek, P., Farda, A. and Skalák P. (2009): Czech and Slovak Republic according to RCM ALADIN-Climate/CZ outputs in the periods 2021-2050 and 2071-2100. In: Pribulova, A., Bicarova, S. (eds.), Sustainable Development and Bioclimate - Reviewed Conference Proceedings. Geophysical Institute of the Slovak Academy of Sciences and Slovak Bioclimatological Society of the Slovak Academy of Sciences., Stara Lesna, 2009, pp 58-59. ; ISBN: 978-80900450-1-9
168	P. Stepanek, P. Skalak and A. Farda (2008): RCM ALADIN-Climate/CZ simulation of 2020-2050 climate over the Central Europe region. EMS8/ECAC7 Abstracts, Vol. 5, EMS2008-A-00619 (8th Annual Meeting of the EMS / 7th ECAC, Amsterdam, The Netherlands, 29 September - 03 October 2008)
169	Štěpánek, Farda, Skalák: Klimatické změny ve střední Evropě pro období 2020 - 2050 podle modelu ALADIN-Climate/CZ. Česká meteorologická společnost, seminář: Klimatické změny - představy, skutečnost a důsledky, 16. -18. září 2008 v hotelu Olympia ve Stachách (Šumava)
170	Štěpánek, P., Farda, A. and Skalák P. (2008): RCM ALADIN-Climate/CZ simulation of 2020-2050 climate over the Central Europe region. Bioklimatologické aspekty hodnocení procesů v krajině, Mikulov 9. - 11. 9. 2008
171	Farda, A.; Skalak, P.; Stepanek, P. (2008): High resolution experiments with the regional climate model ALADIN-Climate/CZ. Geophysical Research Abstracts, Vol. 10, EGU2008-A-08210 (European Geosciences Union: General Assembly 2008, Vienna, Austria, 13 - 18 April 2008)
172	Farda, A., Skalák, P. and Štěpánek, P (2008): The comparison of precipitation and temperature indices between model ALADIN-CLIMATE/CZ and station data in the Central Europe. Regional Climate Modelling Workshop, Budapest: 3. - 5. 2. 2008
173	Farda, A.; Skalak, P.; Stepanek, P. (2007): Dynamical downscaling in the Central Europe - very high resolution experiment with Aladin model in climate mode. EMS7/ECAM8 Abstracts, Vol. 4, EMS2007-A-00549 (7th EMS Annual Meeting / 8th ECAM, San Lorenzo de El Escorial, Spain, 01 - 05 October 2007)
174	Štěpánek, P., Skalák, P. and Farda, A. (2008): RCM ALADIN-Climate/CZ simulation of 2020-2050 climate over the Czech Republic. In: Rožnovský, J., Litschmann, T. (eds): Bioklimatologické aspekty hodnocení procesů v krajině (Mikulov 9. - 11.9.2008). CD-ROM. ISBN 978-80-86690-55-1
175	Skalák, P., Štěpánek, P., Farda, A. (2008): Validation of ALADIN-Climate/CZ for present climate (1961-1990) over the Czech Republic. Időjárás, Vol. 112, No. 3-4, pp. 191-201.
176	Huth, R., Miksovský, J., Štěpánek, P., 2009: A comparative extended validation of statistical downscaling and regional climate models on a common dense grid in Central Europe. 9th Annual Meeting of the European Meteorological Society, Toulouse, France.
177	Huth, R., Miksovský, J., Štěpánek, P., 2009: Comparative validation of statistical downscaling and regional climate models. 6th EGU General Assembly, Vienna, Austria.
178	Huth, R. (2008): Statistical and dynamical downscaling - two approaches to the production of regional climate change scenarios. Annual Meeting of the Czech Meteorological Society,

	Churáňov, Czech Rep.
179	Huth, R., Dubrovský, M., Kyselý, J. (2007): Research on climate change and its impacts in the Institute of Atmospheric Physics. Climate Change Impacts in the Czech-German Elbe River Basin, Ústí nad Labem, Czech Republic.
180	Huth, R. (2007): CECILIA: potential collaboration with central & eastern Europe. Application of Climate Scenarios in Local Arctic Climate Impact Assessment, Oslo, Norway.
181	Huth, R. (2007): A few thoughts on statistical downscaling. Application of Climate Scenarios in Local Arctic Climate Impact Assessment, Oslo, Norway.
182	Skalak P., Stepanek P., Farda A., 2009: ALADIN-Climate/CZ simulation of the 21st century climate in the Czech Republic for the A1B emission scenario. In workshop proceedings of 2nd International Lund RCM Workshop, Lund, Sweden, 4-8 May 2009.
183	Trapp W., Juda-Rezler K., Warchałowski A., Reizer M., Paciorek M., Paciorek M.K., 2010. Modelling of PM10 and PM2.5 Particulate Matter Air Pollution in Poland. In: Polish research in Environmental Engineering. Five years in EU, EDS.: Pawłowski L., Dudzińska M. & A. Pawłowski, Taylor & Francis London, New York & Singapore 2010 (in press)
184	Juda-Rezler K., Trapp W., Reizer M., 2010. Modelling the Impact of Climate Changes on Particulate Matter Levels over Poland. In: Air Pollution Modeling and its Application XX, eds.: D.G. Steyn & S.T. Rao, Springer Science+Business Media B.V. 2010, pp. 499-504
185	Juda-Rezler K., 2010. New challenges in air quality and climate modelling. Archives of Environmental Protection, 36 (1), pp. 3-28
186	Juda-Rezler K., 2009. Modelling the Impact of Climate Changes on Particulate Matter Levels over Poland, 30th NATO/SPS International Technical Meeting on Air Pollution Modelling and its Application 18-22.05.2009, San Francisco, USA
187	Trapp W., 2009. Modelling of PM10 and PM2.5 Particulate Matter Air Pollution in Poland, III Congress of Environmental Engineering, 13-16.09.2009, Lublin, Poland (in Polish)
188	Kyselý, J., Beranová, R., Picek, J., Štěpánek, P., 2008: Simulation of summer temperature extremes over the Czech Republic in regional climate models. Meteorol. Zeit., 17, 645-661.
189	Sorbian Z., 2009. Improving non-local parameterization of the convective boundary layer. Boundary-Layer Meteorology, 130, 57-69
190	Sorbian Z. and A. Grachev, 2010. An Evaluation of the Flux-Gradient Relationship in the Stable Boundary Layer. Submitted to Boundary-Layer Meteorology (Submitted on 10 Aug 2009, revised on 11 Dec 2009, currently in print)
191	Csima Gabriella, Horányi András (2008): Validation of the ALADIN-Climate regional climate model at the Hungarian Meteorological Service Időjárás 112, 3-4, 155-177 2008
192	Szépszó G., Csima G., Horányi A.: Validation of different regional climate models over the Carpathian Basin. EMS8/ECAC7 2008.10.01
193	Szépszó G., Csima G., Horányi A.: What details can the regional climate models add to the global projections in the Carpathian Basin? 2nd Lund Regional-scale Climate Modelling Workshop, Lund, Sweden
194	Szépszó G., Csima G., Horányi A.: What details can the regional climate models add to the global projections in the Carpathian Basin? 2nd Lund Regional-scale Climate Modelling Workshop, Lund, Sweden
195	Csima G.: ALADIN-Climate: latest achievements at the Hungarian Meteorological Service ALADIN / HIRLAM 19th Workshop / All-Staff Meeting, Utrecht, Netherland
196	Csima G.: High resolution experiments with the ALADIN-Climate EMS Annual Meeting 2009 & European Conference on Applications of Meteorology, Toulouse
197	Szépszó G., Csima G., Horányi A., Szabó P.: Uncertainties in the climate projections - from the climate modelling perspective Conference on Facing the Future, the Climate Summit in Copenhagen and beyond, Central European University, Budapest
198	Csima G.: Experiments with the ALADIN-Climate regional climate model ECMWF Member States Visit, OMSz, Budapest
199	Krüger B. C., E. Katragkou, I. Tegoulias, P. Zanis, D. Melas, E. Coppola, S. Rauscher, P. Huszar and T. Halenka, 2008: Regional decadal photochemical model calculations for Europe concerning ozone levels in a changing climate, Quarterly J. of the Hungarian Meteorol. Service, Idojaras, 112, 3-4, 285-300.
200	Katragkou, E., P. Zanis, I. Tegoulias, D. Melas, 2009: Tropospheric ozone in regional climate-air quality simulations over Europe: Future climate and sensitivity analysis. Proceedings 30th NATO/SPS International Technical Meeting on Air Pollution Modelling and its Application.
201	Katragkou E., Zanis P., Tegoulias I., Melas D., Krüger B.C., Huszar P., Halenka T., Rauscher

	S., 2009. Decadal regional air quality simulations over Europe in present climate: near surface ozone sensitivity to external meteorological forcing. <i>Atmos. Chem. Phys. Discuss.</i> , 9, 10675-10710.
202	Katragkou E., Zanis P., Tegoulias I., Kioutsoukis I., Melas D., 2010. Surface ozone in regional climate-air quality simulations over Europe: Future climate and sensitivity analysis. Submitted to JGR.
203	Halenka T., 2008: Regional climate modeling activities in CECILIA project – Introduction. <i>IDOJARAS</i> , 112, 3-4, III-IX
204	Halenka, T., Huszar P., Belda M., 2008: Regional climate change impacts on air quality in CECILIA EC 6FP Project. In: AIR POLLUTION MODELING AND ITS APPLICATION XIX, Eds. Borrego C; Miranda AI, Nato Science for Peace and Security Series C - Environmental Security, 577-585
205	Halenka, T., Belda, M., 2010: High Resolution Regional Climate Modelling: Validation and Climate Change Signal in Radiation Parameters. <i>Geophysical Research Abstracts</i> , Vol. 12, EGU2010-13336, EGU General Assembly 2010
206	Halenka, T., Belda, M., Miksovsky, J., 2010: Regional Climate Change Scenarios in High Resolution for Central and Eastern Europe. <i>Geophysical Research Abstracts</i> , Vol. 12, EGU2010-13159, EGU General Assembly 2010
207	Halenka, T., Huszar, P., Belda, M. (2010): Validation of coupled regional climate chemistry simulation in CECILIA EC FP6 Project. In: AIR POLLUTION MODELING AND ITS APPLICATION XX, Nato Science for Peace and Security Series C - Environmental Security, 439-443.
208	Halenka, T., Huszar, P., Belda, M. (2010): Regional climate change impacts on air quality in high resolution. In: AIR POLLUTION MODELING AND ITS APPLICATION XX, Nato Science for Peace and Security Series C - Environmental Security, 515-518.
209	Halenka, T., Belda, M., Miksovsky, J., 2009: Regional climate change scenarios – benefits of modelling in high resolution for central and eastern Europe in the project CECILIA. In: Proceedings of 2nd International Lund RCM Workshop, Eds. Rockel, B., Bärring, L., Reckermann, M., Lund, Sweden, 4-8 May 2009.

**Table 9b. CECILIA publications and presentations: Specification of type, audience and partners involved**

No.	Type	Date	Audience type	Country	Audience size	Partner(s) involved
136	Journal	05.31.09	Research	Hungary, Slovakia, Romania		ELU
137	Journal	05.31.09	Research	Hungary, Slovakia, Romania		ELU
138	Other	01.31.09	General public	Hungary, Slovakia, Romania, Austria		ELU
139	Other	01.31.09	General public	Hungary, Slovakia, Romania, Poland, Czech Republic, Germany		ELU
140	Oral presentation	09.22.08	Research	Romania		NIHW, NAM
141	Oral presentation	10.10.08	Research	Romania		NIHW
142	Poster	04.25.08	Research	All		NIHW, NAM
143	Oral presentation	06.19.09	Higher education	Romania		NIHW, NAM
144	Proceedings	09.10.09		All		NIHW, NAM
145	Oral presentation	10.22.09	Hydrology and water management	Romania		NIHW
146	Oral presentation	11.26.09	General public	Romania		NIHW
147	Proceedings	01.12.09	Research	Hungary, Slovakia, Austria, Romania, Czech Republic	10000	ELU
148	Proceedings	01.12.09	Research	Hungary, Slovakia, Austria, Romania, Czech Republic	10000	ELU
149	Poster	04.20.09	Research	Hungary, Slovakia, Romania, Austria	10000	ELU
150	Poster	04.20.09	Research	Hungary, Slovakia, Romania, Austria, Czech Republic	10000	ELU
151	Oral presentation	04.21.09	Research	Hungary, Slovakia, Romania, Austria	10000	ELU
152	Poster	09.28.09	Research	Hungary, Slovakia, Austria, Romania	1000	ELU

153	Oral presentation	09.28.09	Research	Hungary, Slovakia, Austria, Romania	1000	ELU
154	Poster	09.28.09	Research	Hungary, Slovakia, Austria, Romania, Czech Republic	1000	ELU
155	Oral presentation	06.16.09	Higher education	Hungary, Slovakia, Romania, Austria, Czech Republic	60	ELU
156	Poster	06.22.09	General public	Hungary, Slovakia, Austria, Romania, Czech Republic	100	ELU
157	Poster	11.17.09	Research	Hungary, Slovakia, Austria, Romania, Czech Republic	100	ELU
158	Journal	12.22.09	Forestry	Slovakia		National Forest Centre
159	Journal	02.20.09	Forestry	Slovakia		National Forest Centre
160	Journal	11.20.08	Hydrology and water management	Slovakia		FRI
161	Other	11.10.08	Hydrology and water management	Slovakia		FRI
162	Poster	04.22.09	Research	CZ, SK		CHMI
163	Oral presentation	05.14.09		CZ, SK		CHMI
164	Oral presentation	10.06.09	Research	CZ, SK		CHMI
165	Poster	10.01.09		CZ, SK		CHMI
166	Journal	05.24.10	Research	CZ, SK, AT, HU		CHMI
167	Journal	10.05.09	Research	CZ, SK		CHMI
168	Poster	10.02.08		CZ		CHMI
169	Oral presentation	09.17.08		CZ		CHMI
170	Poster	09.11.08		CZ		CHMI
171	Poster	04.18.08		CZ		CHMI
172	Oral presentation	02.05.08		CZ		CHMI
173	Poster	10.05.07		CZ		CHMI
174	Proceedings	09.11.08		CZ, SK		CHMI
175	Journal	11.24.08	Research	CZ		CHMI
176	Oral presentation	10.01.09	Research	Europe		IAP, CHMI, CUNI
177	Oral presentation	04.21.09	Research	Europe		IAP, CUNI, CHMI
178	Oral presentation	09.19.08	Research	Czech Rep.		IAP
179	Oral presentation	10.23.07	Higher education	Czech Rep., Germany		IAP
180	Oral presentation	05.22.07	Research	Northern Europe, USA, Canada		IAP
181	Oral presentation	05.22.07	Research	Northern Europe, USA, Canada		IAP
182	Poster	05.06.09		CZ		CHMI
183	Journal	02.01.10		Poland		WUT
184	Journal	02.01.10		Central Eastern Europe		WUT
185	Journal	02.01.10		-		WUT
186	Oral presentation	02.01.10		-		WUT
187	Oral presentation	02.01.10		Poland		WUT
188	Journal		Research	Europe		IAP, CHMI
189	Journal	02.04.10		-		WUT
190	Journal	02.04.10		-		WUT
191	Journal			Hungary		OMSZ
192	Poster	10.01.08		Hungary		OMSZ
193	Proceedings	05.04.08		Hungary		OMSZ
194	Poster	05.04.09		Hungary		OMSZ

195	Oral presentation	05.12.09		Hungary		OMSZ
196	Oral presentation	10.01.09		Hungary		OMSZ
197	Oral presentation	11.04.09		Hungary		OMSZ
198	Oral presentation	11.12.09		Hungary		OMSZ
199	Journal	2008	Research			BOKU, AUTH, CUNI, ICTP,
200	Proceedings, Oral	2009	Research	World		AUTH
201	Journal	2009	Research			AUTH, BOKU, CUNI, ICTP
202	Journal (submitted)	2010	Research			AUTH
203	Journal	2008	Research			CUNI
204	Proceedings (book)	2008	Research	World		CUNI
205	Poster	2010	Research	World		CUNI
206	Poster	2010	Research	World		CUNI
207	Proceedings (book)	2010	Research	World		CUNI
208	Proceedings (book)	2010	Research	World		CUNI
209	Proceedings	2009	Research	World		CUNI

There is special issue of CECILIA Project for Climate Research under preparation with following list of foreseen papers.

- 1) Project CECILIA - Climate change impact assessment for Central and Eastern Europe in high resolution (T. Halenka)
- 2) Climate Change impact assessment over Central and Eastern Europe from the CMIP3-GCM and ENSEMBLES-RCM ensemble simulations (E. Coppola, F. Giorgi)
- 3) CECILIA regional climate simulations for present climate – validation and intercomparison (Petr Skalák, Michel Déqué, Aleš Farda, Michal Belda, Gabriella Csima, Rita Pongratz, Mihaela Caian, Valery Spiridonov)
- 4) CECILIA regional climate simulations for future climate – analysis and comparison of climate change signal (A. Farda, T. Halenka, P. Skalak, M. Deque, G. Csima, J. Bartholy, C. Torma, C. Boroneant, M. Caian, V. Spiridonov)
- 5) Comparing regional scenarios of mean and extreme climate conditions for Hungary. (Bartholy, J. Csima, G., Lakatos, M., Pongracz, R., Torma, Cs.)
- 6) A comparative validation of statistical and dynamical downscaling models on a dense grid in central Europe (Jiri Miksovsky, Radan Huth, Petr Stepanek, Zuzana Chladova, Ales Farda, Michal Belda)
- 7) Effect of statistical bias correction on RCM-computed extremes (Herbert Formayer, Jiri Miksovsky, Petr Stepanek, Patrick Haas, Michal Belda, Petr Skalak)
- 8) Climate change and extreme events in Central and Eastern Europe: The CECILIA statistical indices and extreme database (Sonia I. Seneviratne, Ole B. Christensen, Martin Hirschi, Fredrik Boberg, Petr Stepanek, Vesselin Alexandrov, Judit Bartoly, Constanta Boroneant, Herbert Formeyer, Tomas Halenka, and Monika Lakatos)
- 9) Effects of resolution on extremes in regional climate simulations of the CECILIA project (Christensen, O.B., and F. Boberg)
- 10) Potential impact of climate changes upon water resources and water management, hydrological cycle and flood occurrence: case studies over Central and Eastern Europe.

(Rodica Mic, Josef Hejzlar, Kamila Hlavcova, Ciprian Corbus, Stanislav Lejska, Elisabeta Oprisan, Lucie Brezkova)

- 11) Climate change impacts on water supply and water quality from the drinking water reservoir Rimov, Czech Republic (Josef Hejzlar, Martin Dubrovsky, Jan Turek)
- 12) Climate change impacts and potential adaptations in agricultural crop production in Central and Eastern Europe – critical aspects, regional differences and common trends (Josef Eitzinger, Miroslav Trnka, Martin Dubrovsky, Sabina Thaler, Daniela Semerádová, Petr Hlavinka, Eva Kocmánková, Vesseling Alexandrov, Bernard Siska, Josef Takac, Elena Mateescu, Catalin Simota, Zdeněk Žalud)
- 13) Climate change impacts on forest growth, pests and carbon balance in Central Europe – the use of high resolution climate change scenarios (Tomáš Hlásny, Zoltán Barcza, Marek Fabrika, Borbála Balázs, Galina Churkina, Jozef Pajtik, Róbert Sedmák, Lenka Zajíčková, Marek Turčáni)
- 14) On the effect of climate change on regional air quality over Europe: concept, evaluation and future projections (Katarzyna Juda-Rezler, Prodromos Zanis, Dimitar Syrakov, Magdalena Reizer, Hristo Chervenkov, Peter Huszar, Dimitris Melas, Eleni Katragkou, Ioannis Tegoulias, Bernd C. Krüger, Wojciech Trapp and Tomas Halenka)
- 15) Potential climate change impacts on ozone and PM levels over Central and Eastern Europe from high resolution simulations (P. Huszar, K. Juda-Rezler, T. Halenka, H. Chervenkov, D. Syrakov, B., Krueger, P. Zanis, D. Melas, M. Reizer, W. Trapp and M. Belda)

**Guest editors Tomas Halenka and Erika Coppola**

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### **1.3 Publishable results**

There are no exploitable results.