

NIMH-BG: ADAGIO

Dissemination activities

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WP3 Objectives

- Identify, recommend and disseminate strategies of adaptation measures to decision-makers
- Demonstrate dissemination strategies of adaptation measures at the national level

dissemination activities in 2007

- ***ADAGIO project objectives as well as some preliminary and expected results were discussed with national applicants and other interested persons during the following public events in Bulgaria:***
- ***Round table on climate change, European environment festival, 7-9 May 2007, Dolna banya, Bulgaria***
- ***Organization of an international workshop on bringing science to society, 19-20 April 2007, Sofia Bulgaria***
- ***An important ADAGIO task was to establish the regional groups. NIMH-BAS (Bulgaria) leads the Eastern European group of project partners. The Eastern European group consists of partners from Bulgaria, Serbia, Romania, Russia. Some of these/other partners were able to meet and discuss the ADAGIO issues during the following international events:***
- ***- International workshop on introducing models under climate change conditions by establishment of contacts between users and model developers, Spain, June 2007***

dissemination activities in 2007

- ***- international workshop on climate change impacts in Central and Eastern Europe and vulnerability assessment, Greece, June 2007***
- ***- Workshop of the international management board on EU projects of the University of Novi Sad, Serbia, May 2007.***
- ***- International workshop on COST 734 - Impacts of Climate Change and Variability on European Agriculture, Poland, May 2007***
- ***- International workshop on the establishment of a sub regional centre relating to drought in South-eastern Europe in the context of the UNCCD, 17-19 April 2007, Ljubljana, Slovenia***
- ***- International workshop on adaptation in European regions at environmental risk under climate change, March 2007, St.Petersburg, Russia***
- ***- International workshop on COST 734 - Impacts of Climate Change and Variability on European Agriculture, 21-23 February 2007, Florence, Italy***

dissemination activities in 2007

- ***IN respect to the efforts on bringing the ADAGIO goals and objectives to society the following contact to the media was executed:***
- ***interview for newspaper "Pogled" 09. 07. 2007***
- ***A consultant of a Bulgarian documentary film on climate change, 06. 2007***
- ***materials on a documentary movie of TV channel ARTE, 06. 2007***
- ***interview for radio "Bulgaria", 20. 06. 2007***
- ***interview for a magazine "for the humans", sconces . 110, 02. 06. 2007.***
- ***interview for "horizon" radio, 05. 2007***
- ***materials on climate change and impacts on agriculture for newspaper "Bulgarian farmer", 04. 2007***
- ***lecture for US students, 11. 03. 2007, Sofia***
- ***interview for newspaper "168 hours", 01. 2007 .***

Dissemination activities in 2008	Type	Type of audience	Countries addressed	Size of audience	Partner responsible /involved
since 2007	Bulgaria ADAGIO web site http://global-change.meteo.bg/adagio_en.htm	international Internet users	<u>Bulgaria</u> <u>other countries</u>	Ca. 2000 page loads	NIMH
April-October 2008	workshops on climate change, <u>Nikolaevo village, Bulgaria</u>	farmers	<u>Bulgaria</u>	20	NIMH
10-12 March 2008	2 nd general meeting, <u>Sofia, Bulgaria</u>	ADAGIO partners, invited experts	<u>Europe</u>	30	ALL
March, 2008	<u>International workshop on the regional centre relating to drought in South-eastern Europe Slovenia</u>	Researchers, stakeholders, decision makers	<u>Southeastern Europe</u>	30	NIMH
27 March 2008	Scientific Presentations at COST734 meeting (<u>Larissa, Greece</u>)	Scientists	<u>Europe</u>	30	BOKU, NIMH
April 2008	Workshop of the international management board on EU projects of the University of Novi Sad, Serbia	Researchers, stakeholders, decision makers, end users, farmers	<u>Serbia</u>	20	BOKU, NIMH

PARTNERS/TARGETS/USERS

- **Ministry of Agriculture and Food Production**
- **Ministry of Environment and Water**
- **Higher Institute of Agriculture,**
- **Institute of melioration and mechanization,**
- **Institute of Water Problems,**
- **University of Architecture, Civil Engineering and Geodesy**
- **National Institute of Meteorology and Hydrology (NIMH),**
- **Farmers**

19-21 Mai 2008	Scientific presentation, ASO conference, Sofia .	Students, experts, scientists	International	200	BOKU, NIMH
Dissemination activities in 2008	Type	Type of audience	Countries addressed	Size of audience	Partner responsible /involved
	Bulgaria				
15 May 2008	workshop on adaptation in agriculture	Representatives from the ministry of agriculture, ministry of agriculture, soil research institute, university of agriculture, farmers union	Bulgaria	20	NIMH
16 May 2008	workshop on drought and agriculture	Representatives from the ministry of agriculture, ministry of agriculture, soil research institute, university of agriculture, farmers union	Bulgaria	20	NIMH

May, June 2008	Interviews to Bulgarian national radio on climate change impacts	Broad audience	<u>Bulgaria</u>	At least 2000	NIMH
May, 2008	CECILIA workshop, <u>Varna</u>	Researchers, stakeholders, decision makers, end users, journalists	<u>Europe</u>	40	NIMH
May, 2008	International workshop on the <u>establishment of a sub regional centre relating to drought in Central Asia, Kyrgyzstan</u>	Researchers, stakeholders, decision makers, end users, farmers	<u>Central Asia</u>	50	NIMH
4-6 June 2008	Scientific presentations, International Symposium (<u>Aas, Norway</u>)	Scientists	<u>International</u>	100	BOKU, NIMH
, june, 2008	First WMO session on Climate Outlook in South-eastern Europe Croatia	Researchers, stakeholders, decision makers, end users	<u>International</u>	100	NIMH

Dissemination activities in 2008	Type	Type of audience	Countries addressed	Size of audience	Partner responsible /involved
8-10 September	Presentation at <u>ADAGio regional meeting (Athens, Greece)</u>	Scientists, Farmers	ADAGIO partners	15	NIMH
6-8 October 2008	ADAGIO national meeting and international symposium (<u>Jois, Austria</u>)	Researchers, decision makers	ADAGIO partners	40	BOKU, NIMH
October <u>Spain</u> , 2008	International workshop on Impacts of Climate Change and Variability on European Agriculture	Researchers	internatio nal	10	NIMH
November 2008	Round table: JRC and <u>Bulgaria</u>	Researchers, stakeholders, decision makers, end users	<u>Bulgaria</u>	200	NIMH
December 2008	JRC expert meeting, ISPRA, <u>Italy</u>	researchers	<u>Europe</u>	30	NIMH
2008	publications	Broad audience	<u>Bulgaria</u>	> 500	NIMH

ADAGIO related Publications:

- Aksoy, H, N.E. Unal, V. Alexandrov, S. Dakova and J.Y. Yoon, 2008. Hydrometeorological analysis of northwestern Turkey with links to climate change. *International Journal of Climatology* 28(8): 1047 – 1060
- Alexandrov, V., 2008. Climate change: impact on society and the environment. In: Kunov, A. (eds.), 2008. *Earth - restless planet*. Sofia, pp 205-223
- Alexandrov, V., 2008. Climate Change: Past, Present, Future. In: Kunov, A. (eds.), 2008. *Earth - restless planet*. Sofia, p. 193-204
- Alexandrov, 2008. Climate change and impact the environment. *Journal of Ecology* 21, 09/10.2008 years, p. 10 15.
- Alexandrov, V.E.Matescu, A,Mestre, M.Kepinska, V.DiStefano, N.Dalezios. Su summarizing a questionnaire on agroclimate indices and simulation model outputs in Europe. In: Orlandini S. and P. Nejedlik (eds.), 2008. *Survey of Agrometeorological Practices and Applications in Europe, Regarding Climate Change Impacts*”, ESF, COST 734, 115-162 p.
- Eitzinger, J., G Kubu, V. Alexandrov, A.Utset, D.T.Mihailovic, B.Lalic, M. Trnka, Z.Zalud, D.Semeradova,D. Ventrella, D. Anastasiou, M. Medany, S. Altaher, J. Olejnik, J. Leśny, N. Nemeshko, M.Nikolaev, C.Simota, G.Cojocar, 2008. Vulnerabilities and adaptation options of European agriculture – recent results from the ADAGIO project. *Proceedings of the Conference “Global Environmental Change – Challenges to Science and Society in Southwestern Europe”* CD version

ADAGIO related Publications:

- Eitzinger, J., H. Formayer, S. Thaler, M. Trnka, Z. Zdenek, V. Alexandrov (2008): Results and uncertainties of climate change impact research in agricultural crop production in Central Europe. *Journal for Land Management, Food and Environment* 59: 1-4.
- Koleva Ek., V. Alexandrov (2008) Drought in the Bulgarian low regions during the 20th century *Theoretical and Applied Climatology*, vol 92, N1-2, pp 113-120
- Orlandini S, Nejedlik P, Eitzinger J, Alexandrov V, Toullos L, Calanca P, Trnka M, Olesen JE. 2008 Impacts of climate change and variability on European agriculture: results of inventory analysis in COST 734 countries. *Ann N Y Acad Sci.* 1146:338-353.
- Petkova N., E. Koleva, V. Alexandrov, 2008, Winter Climate Variability at Danube Plane, North Bulgaria, XXIV th Conference of the Danubian Countries, 2-4 June, Bled Slovenia.
- Petkova N., V. Alexandrov, E. Koleva, 2008, Snow Cover Variability in North Bulgaria, 2008, *Global Environmental Change: Challenges to Science and Society in Southeastern Europe*, International conference, 19-21 May, Sofia,.
- Tzenkova-Bratoeva, A., J. Ivancheva, V. Alexandrov, 2008. Bioclimatic Conditions in Bulgarian Black Seaside in the 21th Centur. *Proceedings of the Conference "Global Environmental Change – Challenges to Science and Society in Southwestern Europe"* CD version.

Communication between partners

- 2nd general ADAGIO meeting, Sofia, Bulgaria, March 09-11, 2008
- COST 734 5th Management Committee Meeting Larissa, Greece, March 27-28, 2008
- Global environmental change Challenges to science and society in Southeastern Europe International Conference, Sofia 19 - 21 May 2008.
- Symposium on Climate Change and Variability-AgroMeteorological Monitoring and Coping Strategies for Agriculture Oscarsborg, Norway, 03-06. June 2008.
- ADAGIO bilateral workshops, Vienna, June/August, 2008
- 2nd regional ADAGIO meeting, Athens, Greece, 08-10. September 2008.
- International workshop and course for decision makers on the effective use of water in agricultural crop production, Jois, Austria, 06 – 08th October 2008.
- Communication was also maintained through e-mails and direct communication

Coordination activities

- Organization of national workshops
- Organization of the 2nd general ADAGIO meeting, Sofia, Bulgaria, March 09-11, 2008
- Organization of the conference on Global environmental change Challenges to science and society in Southeastern Europe, Sofia 19 - 21 May 2008.
- Coordinating the survey/questionnaire on climate change impacts on agriculture
- Coordinating national pilot assessments on climate change impacts on agroecosystems and adaptation measures
- Coordinating the national web page
- Coordination activities: personally, via E-mail, websites, conferences and workshops on agriculture and climate change

Cooperation:

- A cooperation was established with the project CECILIA - **Central and Eastern Europe Climate Change Impact and Vulnerability Assessment** (<http://www.cecilia-eu.org/>)
- A cooperation was also established with the project CLAVIER - Climate change and variability: Impact on Central and Eastern Europe (<http://www.clavier-eu.org/>)
- The NIMH partner is participating also in the COST734 action Impacts of Climate Change and Variability on European Agriculture – CLIVAGRI):
<http://www.cost734.eu/>

PLANNED ACTIVITIES

- Final national/international workshop
- Publications
- Contacting media
- Info on the web