

Τακτικά μέλη

1. **Αλκιβιάδης Μπάης**, καθηγητής του Τμήματος Φυσικής της Σ.Θ.Ε. του Α.Π.Θ.
http://www.physics.auth.gr/system/cvs/116/original/cv-bais_Physics_2013_en.pdf?1365322856
2. **Δημήτριος Μελάς**, καθηγητής του Τμήματος Φυσικής της Σ.Θ.Ε. του Α.Π.Θ.
http://www.physics.auth.gr/system/cvs/115/original/CV_Melas.pdf?1277283116
3. **Αθανάσιος Αργυρίου**, καθηγητής του Τμήματος Φυσικής της Σ.Θ.Ε. του Π.Π
<http://www.physics.upatras.gr/index.php?page=tmimaHomepage&u=7>
4. **Ευάγγελος Γερασόπουλος**, Διευθυντής Ερευνών, Ινστιτούτο Ερευνών Περιβάλλοντος και Βιώσιμης Ανάπτυξης, Εθνικό Αστεροσκοπείο Αθηνών
<http://apcg.space.noa.gr/index.php?pageNum=2&option=84>
5. **Παπαγιάννης Αλέξανδρος**, καθηγητής της Σχολής Εφαρμοσμένων Μαθηματικών και Φυσικών Επιστημών του Ε.Μ.Π.
<http://www.semfe.ntua.gr/el/faculty-members/papagiannis-aleksandros>
6. **Ζιώμας Ιωάννης**, καθηγητής της Σχολής Χημικών Μηχανικών του Ε.Μ.Π.
<http://lpad.chemeng.ntua.gr/ziomas/>
7. **Νένης Αθανάσιος**, καθηγητής του Georgia Institute of Technology, USA
http://www.eas.gatech.edu/people/Athanasios_Nenes

Αναπληρωματικά μέλη

1. **Θεόδωρος Καρακώστας**, καθηγητής του Τμήματος Γεωλογίας της Σ.Θ.Ε. του Α.Π.Θ.
http://meteo.geo.auth.gr/cv/Karacostas_CV_en.pdf
2. **Κωνσταντίνη Σαμαρά-Κωνσταντίνου**, καθηγήτρια του Τμήματος Χημείας της Σ.Θ.Ε. του Α.Π.Θ.
<http://www.chem.auth.gr/index.php?st=22>
3. **Κασσωμένος Παύλος**, καθηγητής, Τμήμα Φυσικής, Πανεπιστήμιο Ιωαννίνων
<http://users.uoi.gr/pkassom/>
4. **Λαζαρίδης Μιχαήλ**, καθηγητής, Τμήμα Μηχανικών Περιβάλλοντος, Πολυτεχνείο Κρήτης
http://www.enveng.tuc.gr/index.php?option=com_content&view=article&id=112&lang=el
5. **Κανακίδου Μαρία**, Καθηγήτρια, Τμήμα Χημείας, Πανεπιστήμιο Κρήτης, καθηγήτρια, Τμήμα Χημείας, Πανεπιστήμιο Κρήτης
http://ecpl.chemistry.uoc.gr/kanakidou/Kanakidou/MK_html.htm
6. **Κοτρώνη Βασιλική**, Διευθύντρια Ερευνών, Ινστ/ Ερευνών Περιβάλλοντος & Βιώσιμης Ανάπτυξης, Εθνικό Αστεροσκοπείο Αθηνών
http://www.noa.gr/index.php?option=com_contact&view=category&id=26&Itemid=457&lang=el
7. **Kostadin Ganev**, Καθηγητής, National Institute of Geophysics, Geodesy and Geography, Bulgarian Academy of Sciences (Βλ. ΣΕΛ. 2)



Ganev Kostadin Ganchev

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Education

Ms. Sci. 1978 Sofia University "St. K.Ochridski"

PhD (Dr.) 1983 Institute of Geophysics, BAS

Dr. of Sciences 2009, Institute of Geophysics, BAS

Languages:

Bulgarian

English – fluent

Russian – fluent

Career/Employment

1978-1982: Research specialist, Institute of Geophysics, BAS

1982-1988: Research fellow, Institute of Geophysics, BAS

1988-present: Senior research fellow, Institute of Geophysics, BAS

2004-present: Head of Laboratory of Atmospheric Physics, Institute of Geophysics, BAS

2004-2007: Scientific secretary, Institute of Geophysics, BAS

2005-present: Member of the managing board, BAS

2007-present: Editor in chief, Bulgarian Geophysical Journal

2010-present: Professor, National institute of geophysics, geodesy and geography

2010-present: Head of Department of Geophysics, National institute of geophysics, geodesy and geography

2010-2013: Scientific secretary, BAS

Specialization

atmospheric turbulence, air pollution transport modeling, planetary boundary layer dynamics, mesoscale flow systems, study of the interaction of different transport scales at the formation of the air pollution; adjoined functions and inversed air pollution problems

Honours, Awards, Fellowships, Membership of Professional Societies

Fellowship from the Russian Government, 1979-19980, Siberian Branch of the Academy of Sciences, Novosibirsk, Russia

Research Fellowship from the Greek Government, 1997-1998, 2003-2004 Aristotle University, Thessaloniki, Greece

Memberships: Bulgarian Physical Society, EURASAP

More important projects for the last 5 years:

NATO SfP project ESP.EAP.SFPP 981393 “Modelling System for Emergency Response to the Release of Harmful Substances in the Atmosphere”

CECILIA - EC 7FP Contract № 037005

SEE-GRID eInfrastructure for regional eScience - SEE-GRID-SCI - FP7 Research Infrastructures Contract: № 211338

PASODOBLE - Promote Air Quality Services integrating Observations –Development Of Basic Localised Information for Europe, 7FP 241557

“Towards Bulgarian national chemical weather forecast and information system” - Contract Д002-161/16.12.2008 with the Bulgarian National Science Fund

SuperCA++- Contract ДЦБП-02/ 1 from 29.12.2009 with the Bulgarian National Science Fund

Publications

- **Number of papers in refereed journals:** 91

- **Number of communications to scientific meetings:** 81

- **Number of books:** 2

Selected publications for the last 5 years:

I. Chapters in books: 2

- I.1. Ganev K., D. Yordanov, D. Syrakov 2007, In eds Melas and Paleo, Regional Transboundary Transport of Air Pollution: An Introductory Science Review, Universidad de Extremadura, Servicio de Publicaciones, 79-102
- I.2. Ganev K., 2011, Handbook on ecological models used in ecosystem and environmental management, Chapter 19: AIR POLLUTION, 499-555, Taylor&Fransis Group, LLC, ISBN13: 9781439818121

II. Papers in journals with IF:

- II.1. Prodanova M., J. L. Perez, D. Syrakov a, R. San Jose, K. Ganev, N. Miloshev and S, Roglev, 2007, Application of mathematical models to simulate an extreme air pollution episode in the Bulgarian city of Stara Zagora, *Applied Mathematical Modelling* 32 (2008) 1607–1619, IF 1.502
- II.2. Ganev K., D. Syrakov, Z. Zlatev, 2008, Effective Indices for Emissions from Road Transport, *Lecture Notes in Computer Sciences*, Lirkov, S. Margenov, and J. Warsniewski (Eds.): LSSC 2007, LNCS 4818, pp. 401–409, c. Springer-Verlag Berlin Heidelberg 2008
- II.3. Prodanova M., D. Syrakov, K. Ganev, N. Miloshev 2008, Study of the Pollution Exchange between Romania, Bulgaria and Greece with the US EPA Models-3 system. *Lecture Notes in Computer Sciences*, Lirkov, S. Margenov, and J. Warsniewski (Eds.): LSSC 2007, LNCS 4818, pp. 433-441 c. Springer-Verlag Berlin Heidelberg 2008
- II.4. Ganev K., M. Prodanova, D. Syrakov, N. Miloshev, 2008, Air pollution transport in the Balkan region and country-to-country pollution exchange between Romania, Bulgaria and Greece, *Ecological Modelling*, 217, 255–269, IF 2.438
- II.5. Ganev K., D. Syrakov, Z. Zlatev, 2008, New parameterization scheme for effective indices for emissions from road transport, *Ecological Modelling*, 217, 270–278, IF 2.438
- II.6. Ganev K., D. Syrakov, G. Gadzhev, M. Prodanova, G. Jordanov, N. Miloshev, A. Todorova, 2009: Joint Analysis of Regional Scale Transport and Transformation of Air Pollution from Road and Ship Transport, *Large-Scale Scientific Computing*, LSSC 2009, Springer LNCS 5910, 188-195
- II.7. Todorova A., G. Gadzhev, G. Jordanov¹, D. Syrakov, K. Ganev, N. Miloshev and M. Prodanova , 2009: Numerical Study of Some High PM₁₀ Levels Episodes, *Large-Scale Scientific Computing*, LSSC 2009, Springer LNCS 5910, 231-236
- II.8. Syrakov D., K. Ganev, M. Prodanova, N. Miloshev, G. Jordanov, E. Katragkou, D. Melas, A. Poupkou and K. Markakis, 2009: Background Pollution Forecast over Bulgaria, *Large-Scale Scientific Computing*, LSSC 2009, Springer LNCS 5910, 531-537
- II.9. Syrakov D., M. Prodanova, N. Miloshev, K. Ganev, G. Jordanov, V. Spiridonov, A. Bogatchev, E. Katragkou, D. Melas, A. Poupkou, and K. Markakis, 2009: Climate Change Impact Assessment of Air Pollution Levels in Bulgaria, *Large-Scale Scientific Computing*, LSSC 2009, Springer LNCS 5910, 538-546
- II.10. Etropolska I., M. Prodanova, D. Syrakov, K. Ganev, N. Miloshev, K. Slavov, 2011, Bulgarian Operative System for Chemical Weather Forecast, *Lecture Notes in Computer Sciences*, Dimov, I. S. Dimova, and N. Kolkovska (Eds.): LNCS 6046, c. Springer-Verlag Berlin Heidelberg, 141-149

- II.11. Gadzhev G., G. Jordanov, K. Ganev, M. Prodanova, D. Syrakov, N. Miloshev, 2011, Atmospheric Composition Studies for the Balkan Region, *Lecture Notes in Computer Sciences*, Dimov, I. S. Dimova, and N. Kolkovska (Eds.): LNCS 6046, c. Springer-Verlag Berlin Heidelberg, 150-157
- II.12. Syrakov D., V. Spiridonov, K. Ganev, M. Prodanova, A. Bogachev, N. Miloshev, K. Slavov, 2011, First Results of SEE-GRID-SCI Application CCIAQ, *Lecture Notes in Computer Sciences*, Dimov, I. S. Dimova, and N. Kolkovska (Eds.): LNCS 6046, c. Springer-Verlag Berlin Heidelberg, 215-223
- II.13. Todorova A., Syrakov D., Gadzhev G., Georgiev G., Ganev K., Prodanova M., Miloshev N., Spiridonov V., Bogatchev A., Slavov K. (2010) Grid computing for atmospheric composition studies in Bulgaria, *Earth Sci Inform* 3: 259–282, DOI 10.1007/s12145-010-0072-1., IF=0.657
- II.14. Brandiyska A., K. Ganev, D. Syrakov, M. Prodanova, N. Miloshev, 2011, Modelling of Toxic Substances in the Atmosphere - Risk Analysis and Emergency Forecast, 8th International Conference on Large-Scale Scientific Computations (LSSC'11), Sozopol, Bulgaria June 6 - 10, 2011
- II.15. Ganev K., D. Syrakov, A. Todorova, G. Gadzhev, N. Miloshev, M. Prodanova, 2011 Study of regional dilution and transformation processes of the air pollution from road transport, *Int. J. Environment & Pollution* Vol. 44, Nos. 1/2/3/4, 56-70, ISSN (Online): 1741-5101 - ISSN (Print): 0957-4352, IF 0.706
- II.16. A. Todorova, G. Gadzhev, G. Jordanov, D. Syrakov, K. Ganev, N. Miloshev and M. Prodanova, 2011, Numerical study of some high PM10 level episodes, *Int. J. Environment and Pollution*, Vol. 46, Nos. 1/2, 69-82, ISSN (Online): 1741-5101 - ISSN (Print): 0957-4352, IF 0.706
- II.17. D. Syrakov, V. Spiridonov, M. Prodanova, A. Bogatchev, N. Miloshev, K. Ganev, E. Katragkou, D. Melas, A. Poupkou, Kostas Markakis, R. San Jose and J. L. Pérez, 2011, A system for assessment of climatic air pollution levels in Bulgaria: description and first steps towards validation, *Int. J. Environment & Pollution* Vol. 46, Nos. 1/2, 8-42, ISSN (Online): 1741-5101 - ISSN (Print): 0957-4352, IF 0.706
- II.18. Ebel A., D. Melas, K. Ganev, M. Banja, I. Sandu⁵, E. Friese¹, T. Giannaros, H. Jakobs¹, I. Kioutsioukis, K. Markakis, M. Memmesheimer, N. Miloshev, V. Pescaru, A. Poupkou, 2012, Assessment of impacts and risks of air pollution applying two strategies of numerical chemistry transport modelling, *Journal of Environmental Protection*, 3, 26-40, IF 0.178
- II.19. Brandiyska A., Ganev, K., Syrakov, D., Prodanova, M., Miloshev, N. and Gadzhev, G., Bulgarian emergency response system for release of hazardous pollutants – brief description and some examples (accepted for publishing in *International Journal of Environment and pollution*, ISSN: 0957-4352, IF 0.706)
- II.20. Gadzhev G., K. Ganev, D. Syrakov, N. Miloshev, M. Prodanova, 2012, Contribution of Biogenic Emissions to the Atmospheric Composition of the Balkan Region and Bulgaria *International Journal of Environment and pollution*, 50, 130-139, ISSN: 0957-4352, IF 0.706
- II.21. Syrakov E., K. Ganev, M. Tsankov, E. Cholakov, 2012, Estimation and parameterization of the influence of turbulent regimes on pollution characteristics in the PBL. *International Journal of Environment and pollution*, 50, 327-341, ISSN: 0957-4352, IF 0.706)
- II.22. Syrakov E., K. Ganev, M. Tsankov, E. Cholakov, 2012, A comparative analysis of different conventional and non-local stable/neutral PBL regimes and their parameterization in air pollution problems. *International Journal of Environment and pollution*, 50, 351-362, ISSN: 0957-4352, IF 0.706

II.23. Gadzhev G., K. Ganev, N. Miloshev, D. Syrakov, M. Prodanova, 2013, Numerical Study of the Atmospheric Composition in Bulgaria, Computers and Mathematics with Applications, 65, 402-422, ISSN: 0898-1221, IF 1.472

III. Papers in proceedings of international conferences:

- III.1. Ganev, K., Dimitrova, R., Todorova, A., Syrakov, D., Miloshev, N., Prodanova, M. (2007): Dilution and Transformation Processes of the Air Pollution from the Road Transport – Study of The Models-3 System Sensitivity to Transport Scales and Grid Resolution, in Carruthers, D., and McHugh, C., (Eds.), Proc. of 11th Intern. Conf. on Harmonization within Atmospheric Dispersion Modelling for Regulatory Purposes, Vol. 1, Cambridge, UK, 2-5 July 2007, pp.68-72.
- III.2. Syrakov E., M. Tsankov, K. Ganev, 2007: Estimation of the critical pollution characteristics at different meteorological conditions in PBL. in Carruthers, D., and McHugh, C., (Eds.), Proc. of 11th Intern. Conf. on Harmonization within Atmospheric Dispersion Modelling for Regulatory Purposes, Vol. 2, Cambridge, UK, 2-5 July 2007, 136-140.
- III.3. Syrakov E., K. Ganev, M. Tsankov, E. Cholakov, 2007: On the diffusion tensor and effects on some lagrangian and pollution characteristics in PBL. in Carruthers, D., and McHugh, C., (Eds.), Proc. of 11th Intern. Conf. on Harmonization within Atmospheric Dispersion Modelling for Regulatory Purposes, Vol. 2, Cambridge, UK, 2-5 July 2007, 239-243.
- III.4. Syrakov E., E. Cholakov, M. Tsankov, K. Ganev, 2007: On the influence of PBL conventional and nonlocal turbulent factors on pollution characteristics in local to meso scale. in Carruthers, D., and McHugh, C., (Eds.), Proc. of 11th Intern. Conf. on Harmonization within Atmospheric Dispersion Modelling for Regulatory Purposes, Vol. 2, Cambridge, UK, 2-5 July 2007, 286-290.
- III.5. Prodanova M., J. Perez, D. Syrakov, R. San Jose, K., Ganev, N. Miloshev, 2007, Local scale numerical simulation of an extreme SO₂ pollution episode in Bulgaria, Proc. of the 6th International conference on Urban Air Quality, Cyprus 27-29 March 2007
- III.6. Ganev K., D. Syrakov, Z. Zlatev, 2007: On the Effective Indices for Emissions From Road Transport, Proceedings of the 29th International Technical Meeting on Air Pollution Modelling and its Applications, 24-28 Sept 2007, Aveiro, Portugal.
- III.7. Ganev K., D. Syrakov, R. Dimitrova, A. Todorova, M. Prodanova, N. Miloshev, 2007: Local to Regional Dilution and Transformation Processes of the Emissions from Road Transport. Proceedings of the 29th International Technical Meeting on Air Pollution Modelling and its Applications, 24-28 Sept 2007, Aveiro, Portugal.
- III.8. Prodanova M., D. Syrakov, K. Ganev, N. Miloshev, 2008: Use of US EPA models-3 system for quantitative estimate of air pollution exchange between Romania, Bulgaria and Greece, Шестнадесети международен симпозиум ЕКОЛОГИЯ 2007, 4 – 8 юни 2008, Слънчев бряг (full text on CD)
- III.9. Ganev K., D. Syrakov, Z. Zlatev, 2008: up-scaling the air pollution emissions from road transport: effective indices approach, Шестнадесети международен симпозиум ЕКОЛОГИЯ 2007, 4 – 8 юни 2008, Слънчев бряг (full text on CD)
- III.10. Syrakov Dimiter, Hristomir Branzov, Kostadin Ganev, Maria Prodanova, Nikolai Miloshev (2008): Numerical Simulation Of Sulfur, Nitrogen And Dust Pollution Due To “Maritza-Iztok” Thermal Power Plants, Proc. of the International Scientific Conference SGEM 2008, Albena, 10-12 June 2008, 757-764, ISBN 954918181-2
- III.11. Ganev Kostadin, Nikolaj Miloshev, Maria Prodanova, Dimiter Syrakov (2008): Ozone Formation In Southeast Europe Simulated By An Addvanced Qir Quality Model, Proc. of the International Scientific Conference SGEM 2008, 10-12 June 2008, Albena, Bulgaria, 765-772, ISBN 954918181-2

- III.12. Syrakov Dimiter, Hristomir Branzov, Kostadin Ganev, Maria Prodanova, Nikolai Miloshev (2008): On The Use Of US EPA Models-3 System For Simulation Of An Extreme Air Pollution Episode Created By Coal Burning Thermal Power Plants, Proc. of 17th International Conference Ecology&Safety 2008, 10-13 June 2008, Sl.Brjag, Bulgaria, (full text on CD)
- III.13. Ganev Kostadin, Nikolaj Miloshev, Maria Prodanova, Dimiter Syrakov, Kiril Slavov (2008): Sencitivity Analysis Of MM5/CMAQ Modeling System To The Ozone Formation In Southeast Europe, Proc. of 17th International Conference Ecology&Safety 2008, 10-13 June 2008, Sl.Brjag, Bulgaria, (full text on CD)
- III.14. Syrakov, D. K. Ganev, V. Spiridonov, M. Prodanova, A. Bogatchev, N. Miloshev, G. Jordanov, 2009: Assessment of climate change impact on air pollution levels in Bulgaria. 7th International Conference on Air Quality Science and Application Istanbul, 24-27 March 2009. (on a CD)
- III.15. Ganev K., D. Syrakov, A. Todorova, G. Gadzhev, G. Jordanov, N. Miloshev, M. Prodanova, 2009: Joint analysis of dilution and transformation processes of air pollution from the road and ship transport. 7th International Conference on Air Quality Science and Application Istanbul, 24-27 March 2009. (on a CD)
- III.16. Todorova A., G. Gadzhev, G. Jordanov, D. Syrakov, K. Ganev, N. Miloshev, M. Prodanova, 2009: Application of the US EPA models 3 sysytem for numerical simulations of high PM10 levels episodes. 7th International Conference on Air Quality Science and Application Istanbul, 24-27 March 200 (on a CD).
- III.17. Ganev K., D. Syrakov, Z. Zlatev, 2009, Effective indices for emissions from road transport, Proc od the Second Accent Symposium "The Changing Chemical Climate of the Atmosphere", Urbino, Italy, July 23-27, 2007 (on a CD)
- III.18. Ganev K., D. Syrakov, R. Dimitrova, M. Prodanova, N. Miloshev, 2009, Study of the dilution and transformation processes of the emissions from road transport, Proc od the Second Accent Symposium "The Changing Chemical Climate of the Atmosphere", Urbino, Italy, July 23-27, 2007 (on a CD)
- III.19. Prodanova M., D. Syrakov, K. Ganev., N. Miloshev, 2009, Some cases of extreme air pollution in the city of Stara Zagora -Bulgaria, Proc od the Second Accent Symposium "The Changing Chemical Climate of the Atmosphere", Urbino, Italy, July 23-27, 2007 (on a CD)
- III.20. Prodanova M., D. Syrakov, K. Ganev., N. Miloshev, 2009, Country-to-country pollution exchange studies for theBalkan region, Proc od the Second Accent Symposium "The Changing Chemical Climate of the Atmosphere", Urbino, Italy, July 23-27, 2007 (on a CD)
- III.21. Gadzhev G., K. Ganev, G. Jordanov, N. Miloshev, A. Todorova, D. Syrakov and M. Prodanova, 2009, Transport and Transformation of Air Pollution from Road and Ship Transport - Joint Analysis of Regional Scale Impacts and Interactions, Proc. of the International Conference on Transport, Atmosphere and Climate, TAC2: 22-25 June 2009, Aachen, DE and Maastricht, NL (accepted for publishing)
- III.22. Syrakov D., M. Prodanova, K. Ganev, N. Miloshev, E.I Atanasov, T. Gurov, and A. Karaivanova, 2009, Grid computing for multi-scale atmospheric composition modelling for the Balkan region, 18th International Symposium ECOLOGY & SAFETY, June 8 - 12, 2009, Sunny Beach, Bulgaria (published on a CD), ISSN: 1313-2563
- III.23. Syrakov D., K. Ganev, M. Prodanova, K. Slavov, N. Miloshev, and G. Jordanov, 2009, Impact of climate change on air pollution levels in Bulgaria: Contemporary climate, 18th International Symposium ECOLOGY & SAFETY, June 8 - 12, 2009, Sunny Beach, Bulgaria (published on a CD), ISSN: 1313-2563
- III.24. Syrakov D., K. Ganev, M. Prodanova, K. Slavov, I. Etropolska, N. Miloshev, and G. Jordanov, 2009, Background pollution forecast over Bulgaria, 18th International Symposium

ECOLOGY & SAFETY, June 8 - 12, 2009, Sunny Beach, Bulgaria (published on a CD),
ISSN: 1313-2563

- III.25. Syrakov D., K. Ganev, M. Prodanova, N. Miloshev, G. Jordanov, I. Etropolska, K. Slavov, 2009, A system for information and forecast of air quality over Bulgaria, 9th International Multidisciplinary Scientific Geo-Conference & EXPO Modern Management of Mine Producing, Geology and Environmental Protection, SGEM 2009, Albena Resort, Bulgaria 14 - 19 June 2009, 297-304, ISBN 954918181-2
- III.26. Syrakov D., M. Prodanova, N. Miloshev, K. Ganev, G. Jordanov, G. Jordanov, V.Spiridonov and A. Bogatchev, 2009, Estimation of air pollution climatic values for Bulgaria, 9th International Multidisciplinary Scientific Geo-Conference & EXPO Modern Management of Mine Producing, Geology and Environmental Protection, SGEM 2009, Albena Resort, Bulgaria 14 - 19 June 2009, 313-320, ISBN 954918181-2
- III.27. Syrakov D., M. Prodanova, K. Ganev, N. Miloshev, E. Atanasov, T. Gurov and A. Karaivanova, 2009, The Grid Computing - Powerful Tool For Multi-Scale Atmospheric Composition Modelling, 9th International Multidisciplinary Scientific Geo-Conference & EXPO Modern Management of Mine Producing, Geology and Environmental Protection, SGEM 2009, Albena Resort, Bulgaria 14 - 19 June 2009, 365-372, ISBN 954918181-2
- III.28. Ganev K., D. Syrakov, M. Prodanova, N. Miloshev, G. Jordanov, G. Gadjev, and A. Todorova, 2009, Atmospheric composition modeling for the Balkan region, to be presented at the SEE-GRID-SCI USER FORUM, Istanbul, December 2009, ISBN: 978-975-403-510-0, 77-85
- III.29. Syrakov D., K. Ganev, M. Prodanova, N. Miloshev, G. Jordanov, G. Gadjev, and A. Todoriva Climate Change Impact Assessment of Air Quality over Bulgaria, to be presented at the SEE-GRID-SCI USER FORUM, Istanbul, December 2009, ISBN: 978-975-403-510-0, 95-103
- III.30. Ganev K., D. Syrakov, M. Prodanova, E. Atanasov, T. Gurov, A. Karaivanova, N. Miloshev, H. Chervenkov, 2009, Grid Computing for Air Quality and Environmental Studies in Bulgaria, 23rd EnviroInfo 2009 Conference - Environmental Informatics and Industrial Environmental Protection: Concepts, Methods and Tools, Berlin, September 9th - 11th 2009, v.1, 141-149
- III.31. Georgi Gadzhev, Georgi Jordanov, Kostadin G. Ganev, Maria Prodanova, Dimiter E. Syrakov and Nikolai G. Miloshev, 2010, Analyzis of the processes which form the air pollution pattern over the Balkan peninsula, Proceedings of the 13th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes — 1-4 June 2010, Paris, France. ISBN: 2-8681-5062-4, 156-160
- III.32. Georgi Jordanov, Georgi Gadzhev, Kostadin G. Ganev, Maria Prodanova, Dimiter E. Syrakov, Nikolai G. Miloshev, 2010, Evaluation of the contribution of diferent snap categories to the air pollution over the Balkan penninsula, Proceedings of the 13th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes — 1-4 June 2010, Paris, France. ISBN: 2-8681-5062-4, 398-402
- III.33. Angelina D. Todorova, Kostadin G. Ganev, Dimiter E. Syrakov, Maria Prodanova, Georgi J. Georgiev, Nikolai G. Miloshev and Georgi K. Gadjhev, 2010, Bulgarian emergency response system for release of hazardous pollutants – design and first tests, Proceedings of the 13th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes — 1-4 June 2010, Paris, France. ISBN: 2-8681-5062-4, 495-499
- III.34. E.Syrakov, K. Ganev, M. Tsankov, 2010, On the consideration of terrain slope, baroclinicity and inversion effects at forming of the critical pollution conditions in PBL, Proceedings of the 13th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes — 1-4 June 2010, Paris, France. ISBN: 2-8681-5062-4, 506-510

- III.35. Igljka Etropolska, Dimiter Syrakov, Kostadin Ganev, Maria Prodanova, Nikolai Miloshev, Kiril Slavov, Georgi Jordanov, 2010, A system for information and forecasting of air quality over Bulgaria, Proceedings of the 13th International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes — 1-4 June 2010, Paris, France. ISBN: 2-8681-5062-4, 530-534
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