

# **Geoinformatics 2010 – 9th International Conference on Geoinformatics**

## **Theoretical and Applied Aspects**

**Kiev, Ukraine  
11 - 14 May 2010**

**ISBN: 978-1-63266-991-9**

**Printed from e-media with permission by:**

Curran Associates, Inc.  
57 Morehouse Lane  
Red Hook, NY 12571



**Some format issues inherent in the e-media version may also appear in this print version.**

Copyright© (2010) by the European Association of Geoscientists & Engineers  
All rights reserved.

Printed by Curran Associates, Inc. (2014)

For permission requests, please contact by the European Association of Geoscientists & Engineers  
at the address below.

EAGE  
PO Box 59  
3990 DB Houten  
The Netherlands

Phone: +31 88 995 5055  
Fax: +31 30 634 3524

[eage@eage.org](mailto:eage@eage.org)

**Additional copies of this publication are available from:**

Curran Associates, Inc.  
57 Morehouse Lane  
Red Hook, NY 12571 USA  
Phone: 845-758-0400  
Fax: 845-758-2634  
Email: [curran@proceedings.com](mailto:curran@proceedings.com)  
Web: [www.proceedings.com](http://www.proceedings.com)

## TABLE OF CONTENTS

<b>A001 Modern Search of Oil Fields and Gas a Method of High Resolution Electroinvestigation in Russia.....</b>	1
<i>V. Chernov</i>	
<b>A002 New Resources of High-Resolving Electrical Prospecting for Geoinformatics .....</b>	6
<i>A. Nebrat, V. Sochelnikov, S. Kisel</i>	
<b>A003 Carbonatic Builds Prognosing by Method Seismic Inversion .....</b>	11
<i>E. Borodulin</i>	
<b>A004 Continuous in Time Evaluation of the Quality Factor of the Geological Section with Seismic Data.....</b>	12
<i>Y. Tyapkin, O. Shadura</i>	
<b>A005 Evaluation of Asphalt Compaction Level using a Dielectric Permittivity Information - From Theory to Application.....</b>	17
<i>Y. Dashevsky</i>	
<b>A006 Monitoring of Air Pollution using Magnetic Susceptibility Measurements of Soils and Vegetation in Kyiv, Ukraine .....</b>	22
<i>K. Bondar, I. Virshylo, I. Slobodyanyk, I. Stakhiv</i>	
<b>A007 The Solution of Inverse Problem of Gravimetry by Assembly Method with Estimation of Result Reliability .....</b>	27
<i>P. Balk, A. Dolgal, A. Michurin</i>	
<b>A008 Scientific Bases of Geoinformational Technologies Introduction for Ecological and Geo-Economical Evaluation of Subsoil State.....</b>	32
<i>G. Rudko, O. Netskiy</i>	
<b>A009 Seismic Imaging and Mapping of Hydrocarbon Traps in a Thrust Zone from Onshore Ukraine-A Case History .....</b>	37
<i>O. Tiapkina, O. Polunin</i>	
<b>A010 Generalization of the Haskell-Thomson Method for Calculating 3D-3C Wavefields and Estimating Fracture Directions .....</b>	42
<i>V. Roganov, Y. Roganov</i>	
<b>A012 Dynamic Geologic-Geophysical Model of Chalky Layer and Dispersible Soils on Territory of the RNPP Site.....</b>	47
<i>S. Vyzhva, S. Deineko, V. Demidov, O. Astashkina</i>	
<b>A013 The Potentialities of Vibroacoustic Researches in the Process of Boring for the Solution of Geophysical and Engineering Problems .....</b>	52
<i>V. Andrushenko, V. Kurgansky, V. Bugriy</i>	
<b>A014 Analysis of Interpolation Algorithms in Application to Magnetic, Gravity and Electric Fields .....</b>	57
<i>E. Ravinskij</i>	
<b>A015 Geophysical Monitoring of Underwater Pipelines and its Dataware.....</b>	58
<i>A. Zauzolkov</i>	
<b>A016 Mathematical Model of Ageing of Natural and Manmade Objects in Monitoring Systems.....</b>	63
<i>V. Mostovyi, O. Chernaja, S. Mostovyi</i>	
<b>A017 Simulation of Salt Diapirism in Dnieper-Donets Basin for Hydrocarbon Exploration.....</b>	65
<i>D. Vengrovich</i>	
<b>A018 Compositional Model of Data Distribution in Problems of Underflooding Detection by Means of Remote Sensing .....</b>	68
<i>M. Zhukov, A. Tishaieva</i>	
<b>A020 Conceptual Approach to the Creation of the State System of Monitoring and Prediction of Coal Fires in the Data Space Survey .....</b>	73
<i>G. Pivnyak, B. Busygin, I. Garkusha</i>	
<b>A021 The Forecast of Hydrocarbon Traps using Modern Information Technologies of Seismography.....</b>	78
<i>B. Pylypyshyn, I. Khavenzon</i>	
<b>A022 Geoinformational Portal of Geological and Geophysical Map Resources and Information of Remote Sensing of the Earth.....</b>	83
<i>O. Barladin, O. Sklyar</i>	
<b>A023 Modern Technologies for Space Monitoring of Sea Water and Coastal Territories .....</b>	88
<i>S. Andreev, S. Dovgii, G. Krasovskiy, V. Radchuk, O. Trofimchuk</i>	
<b>A024 A New View on the Seismic and Seismoacoustic Interpretation Techniques for Oil and Gas Exploration.....</b>	92
<i>G. Prodavoda, S. Vyzhva, P. Kuzmenko, A. Tyshchenko</i>	

<b>A025 GIS-Component of Ukrainian Word Data Centre .....</b>	97
<i>M. Zgurovsky, A. Shmurak, V. Gaidarzhy, K. Efremov, O. Datsuk</i>	
<b>A026 Classification of Hydrocarbonic Objects of the Dniepr-Donetsk Cavity on the Basis of 3D-Triangulation Method .....</b>	102
<i>B. Busygin, S. Nikulin, E. Zatsepin</i>	
<b>A027 Experience of the Practical Use of Complex &lt;&gt;Search&gt;&gt; on the Controlled from Distance Determination of Oil-and-Gas Bearings Areas and Choice of Points Under Well-Drilling.....</b>	107
<i>N. Kovalev, V. Gokh, S. Soldatova</i>	
<b>A028 Hydrocarbon-Metallic Geochemical Systems and Oil-Gas-Ore Formation .....</b>	109
<i>A. Dudik, S. Dudik</i>	
<b>A029 Operative Detection and Mapping of the Free Methane Accumulation within the Mine Fields by Geoelectric Methods .....</b>	114
<i>S. Levashov, N. Yakymchuk, I. Korchagin, J. Pischaniy, D. Bozhezha</i>	
<b>A030 Hydrocarbon Collectors Revealing and Mapping by Geoelectric Methods in Fracture Zones of Crystalline Massifs .....</b>	119
<i>S. Levashov, N. Yakymchuk, I. Korchagin, V. Prilukov, J. Yakymchuk</i>	
<b>A031 Mobile Geophysical Technologies Application for Operative Confirmation of Exploration Areas Oil Content Prospects.....</b>	124
<i>S. Levashov, N. Yakymchuk, I. Korchagin, V. Gokh, N. Kovalev, I. Kotelyanets</i>	
<b>A032 Using of Cappa-Metering for Division and Correlation of Terrigenous-Carbonate Layers in the Dnipro-Donetsk.....</b>	129
<i>V. Maksymchuk, R. Kuderavets, I. Kryva</i>	
<b>A033 Geoinformatics Support for the Monitoring of the Wiese Vectors at the Seismic Active Regions.....</b>	134
<i>T. Klymovych, Y. Horodysky, V. Maksymchuk</i>	
<b>A034 An Informativity Level Increasing of Old Seismic Data for Solving Geological Section Prediction Tasks .....</b>	139
<i>M. Ieger, A. Tyschenko, P. Kuzmenko</i>	
<b>A035 Time Spatial Structure of the Secular Geomagnetic Variations in European Region in the Beginning of the XXI sc.....</b>	144
<i>V. Maksymchuk, Y. Gorodsky, D. Marchenko</i>	
<b>A036 Silurian and Lower Devonian Fragment APWP, East-European Platform from Podolia's Paleomagnetic Data .....</b>	149
<i>E. Polyachenko, V. Bakmutov, M. Elenska, M. Kadzyalko-Hofmokl, L. Konstantinenko</i>	
<b>A037 Structure of Neogene Sedimentary Layers of Transcarpathian though and its Geodynamics and Oil and Gas Presence.....</b>	156
<i>P. Lozynak, A. Nazarevych, L. Nazarevych</i>	
<b>A040 About the Possibility of Plane Electromagnetic Soundings by using the Method of Transient Processes within Theungrounded Circuit.....</b>	161
<i>M. Reva, V. Onyshchuk, I. Onyshchuk</i>	
<b>A041 The Peculiarities of Ecogeophysical Researches in Conditions of Kyiv City .....</b>	162
<i>V. Onyshchuk, M. Reva, D. Onyshchuk</i>	
<b>A042 Extensometric Studies of Seismotectonic Processes in Ukrainian Transcarpathians (Geoinformatic Aspects).....</b>	166
<i>A. Nazarevych, B. Mytcyk, M. Bashtevych, R. Nazarevych</i>	
<b>A043 Constructing Geoelectric Structures of Terrigenous Deposits using Achievements of Coal Petrophysics .....</b>	171
<i>L. Ivanov, M. Tirkel, V. Tumanov</i>	
<b>A044 Assesing the Climate Change in Ukraine in XXI Century and the Role of Anthropogenic Forcing.....</b>	176
<i>V. Efimov, A. Anisimov</i>	
<b>A045 One Planet, One People, the Future of Mankind .....</b>	181
<i>G. Tarasenko</i>	
<b>A046 Methodology of Investigation of the Ukrainian Shield Structure via Remote Sensing Computerized Technologies (Correction of Geologic Maps, Scale of 1:200 000) .....</b>	187
<i>O. Azimov</i>	
<b>A047 Decline of Ecological Consequences of Booty Rud in Kazakhmys LLC by Methods of Nuclear Geophysics.....</b>	192
<i>S. Yefimenko, V. Portnov, N. Reva</i>	
<b>A049 Geoenvironmental Modelling with the Use of Web-GIS.....</b>	193
<i>A. Lyubimova, M. Sukhanov, K. Markov</i>	

<b>A050 Formalization Principles of the Multi-Factor Gravitational Exogenous Processes Influences on the Transport Nature-Technical Systems .....</b>	198
<i>V. Shevchuk, O. Ivanik, M. Lavrenyuk</i>	
<b>A051 On the Issue of Connection Between Magnetic Field and Climate Changes: Geomagnetic Variations and Atmospheric Circulation in XX Century.....</b>	203
<i>V. Bakmutov, V. Martazinova, G. Melnyk, E. Ivanova</i>	
<b>A052 Creation of 3D Near-Surface Model by Complex of Geophysical Methods .....</b>	208
<i>I. Mityunina, S. Bychkov</i>	
<b>A053 Paths of Pattern Recognition Methods Application at Well Logging .....</b>	213
<i>O. Karpenko, G. Bashkirov, O. Makovets, V. Murasta</i>	
<b>A054 An Express Geo-Information Technology to Control Urbanized Areas Environment Based on Multiband and Hyperspectral Data Analysis .....</b>	218
<i>A. Mychak, V. Filipovich</i>	
<b>A055 The Statistical Simulation of Random Fields on the Plane in the Problems of Geophysics .....</b>	223
<i>Z. Vyzhva, V. Demidov, A. Vyzhva</i>	
<b>A056 The Creation the Hydrodynamic Data Base of Automatic Monitoring Results of Groundwater Parameters .....</b>	228
<i>P. Pigulevskij, V. Svistun, I. Chuprina</i>	
<b>A057 Magnetic Profiling of Vertical Contakts in Stationary Electrical Doublet Field .....</b>	233
<i>N. Reva, T. Rudenko, N. Yegorova</i>	
<b>A058 Infogeology is Object and Methods of Investigation .....</b>	234
<i>V. Goncharov</i>	
<b>A059 Estimation of Intensity of Infiltration Feed of Subsoil Waters on Territory Kyiv from Data of Design of Geofiltration .....</b>	239
<i>O. Koshlyakov, V. Mokienko, O. Dyniak, I. Koshlyakova</i>	
<b>A060 Integration of Heterogenous Distributed Geographical Information Systems in the Web Framework.....</b>	244
<i>M. Sukhanov, K. Markov, K. Koronkevich</i>	
<b>A061 Infogeology. Short Attribute of Methods .....</b>	249
<i>V. Goncharov, G. Kalenska, M. Pupova</i>	
<b>A062 Validation of Measurement Data with the Output of the Model MM5 .....</b>	254
<i>A. Krupin</i>	
<b>A063 Possibilities of Use Gis-Integro for the Decision of Geological and Geophysical Problems .....</b>	259
<i>M. Finkelstein, K. Deev, V. Spiridonov</i>	
<b>A064 Monitoring of the Seism-Electromagnetic Earth Background in Connection with Seismic Activity .....</b>	264
<i>Y. Bogdanov, V. Shuman, V. Pavlovich, V. Kobolev, A. Ganiev</i>	
<b>A065 Software and Hardware Tools for Systematization and Data Bank Management of UGS Operation Information.....</b>	269
<i>R. Vecherik, Y. Khayetskyy, I. Shvachenko, N. Tolstova</i>	
<b>A066 Volcanic Deposits as Unconventional Sources of Ukraine Hydrocarbon .....</b>	274
<i>A. Dmitrievskiy, M. Yurova, N. Tomilova</i>	
<b>A067 The Seismic Attribute Analysis for Determination of Gas Beds Space Distribution on Northernkazantip and Easternkazantip Deposits .....</b>	279
<i>G. Prilepova</i>	
<b>A068 The Digital Structure-Lithology Model of Upper Visean Petroliferous Complex Within the Northern Zone in Central Part of Dnieper-Doneck Basin.....</b>	285
<i>S. Galyuk</i>	
<b>A069 The Digital Structure-Lithology Model of Serpukhovian Petroliferous Complex of Sribnenska Depression and its Surroundings (Dnieper-Doneck Basin) .....</b>	290
<i>P. Fenota</i>	
<b>A068 The Digital Structure-Lithology Model of Upper Visean Petroliferous Complex within the Northern Zone in Central Part of Dnieper-Doneck Basin.....</b>	295
<i>S. Galyuk</i>	
<b>A071 The Regional Structure-Lithology Models of Petroliferous Complexes in GIS Environment.....</b>	300
<i>O. Lobasov, P. Fenota, S. Galyuk, V. Mironenko</i>	
<b>A072 The Experience of Development of Spatial Database in Oil &amp; Gas Geology .....</b>	305
<i>O. Lobasov, V. Mironenko, S. Galyuk</i>	
<b>A073 The Methods of Visualizations of Regional Digital Geological Models in GIS Environment .....</b>	306
<i>O. Lobasov, I. Dolinsky</i>	
<b>A074 Stratigraphic Filtering in Anelastic Media .....</b>	311
<i>A. Stovas, Y. Roganov</i>	

<b>A075 Seismic Diffractions: Historical Review and Present Advances</b>	316
<i>E. Landa</i>	
<b>P076 Building a Cartographic Database for a National Petroleum Company - A Case Study</b>	321
<i>R. Kudrewicz</i>	
<b>A077 Assessing Suitability of Nanotechnology on Clay and Shale Formations and its Behavior in Drilling Operation</b>	323
<i>B. Habibnia</i>	
<b>A079 Geoinformatics as the Revolutionary Center of the Mankind Cognition</b>	329
<i>A. Kulinkovich, N. Yakymchuk</i>	
<b>A080 Geoinformatics and Galactic Planetology</b>	331
<i>A. Kulinkovich, N. Yakymchuk</i>	
<b>A081 Geochronological Calandar and Problems Anthropogenesis</b>	334
<i>A. Kulinkovich, I. Kulinkovich</i>	
<b>P082 The Computer Technology of the Temporal Sounding - New Possibilities of the Impulse Neutron-Neutron Logging</b>	337
<i>A. Kulinkovich, M. Krasnozhon, V. Kosachenko</i>	
<b>A083 Analysis of Remote Sensing Data for Alluvial Deposits Exploration</b>	339
<i>D. Bozheza, I. Tishaev, O. Tomchenko</i>	
<b>A084 Quantitative Estimation of the Prospective of Horizons Rock-Reservoirs on the Basis Determination of their Hollow Space Structure by the Logging Data</b>	344
<i>S. Vygva, I. Bezrodna, O. Oliynyk</i>	
<b>A085 Experience of Employing Geoinformation Systems in Solving Problems of Seismic Exploration in Mines</b>	349
<i>A. Glukkov, A. Antsyferov, V. Troyfymov</i>	
<b>A086 Usage of the Computer Aided Technologies for Identification and Monitoring of Gas Well Parameters of the UGS</b>	355
<i>I. Shvachenko, N. Tolstova, V. Gorbachov</i>	
<b>A087 The Organization of the UGS of Object Monitoring for the Prevention of Hazardous Geological Processes</b>	360
<i>R. Vecherik, I. Shvachenko, N. Tolstova, V. Stetsyuk</i>	
<b>A088 Methods of Gravity Modeling of the Lithosphere</b>	365
<i>V. Shlaykhovsky</i>	
<b>A089 Methodology and Results Integrated Aerospace, Magnetics and Gravimetric Research in Search of Oil (for Example, Western Siberia)</b>	371
<i>A. Timurzhev, A. Shumeykin</i>	
<b>P091 Item Seismological Observations at Snake Island</b>	376
<i>A. Ganiev, D. Vakulovich</i>	
<b>A092 The Complex Analysis of Seismic-Data and Well-Logs at Learning Carbonate Deposits of DDD</b>	388
<i>V. Sabetskiy, G. Popova, E. Vitman</i>	
<b>A093 Models of Geothermal Regime Formation in the Black Sea Basin</b>	393
<i>R. Kutas</i>	
<b>A094 Creation Experience of Geographical Information System the Institute of Mineralogy Ural Branch of the Russian Academy of Sciences (Miass) within the Limits of Russia and Europe</b>	398
<i>L. Grebennikova, O. Telenkov, D. Dutikov, J. Neroslov</i>	
<b>A095 Seismic Protection of Population and Industrial Objects</b>	403
<i>O. Kendzera, Y. Lisovyi</i>	
<b>A096 Economic Model to Manage Mineral Resource Base on the Basis of Continuing GIS</b>	408
<i>V. Kilipko, N. Mezhelovskiy, M. Buchkin</i>	
<b>A097 Requirements for the Geochemical Base Digital Model of the State Geological Map (Gosgeokarta-1000/3)</b>	413
<i>O. Kalieva, V. Kilpko, A. Golovin, E. Doroshenko</i>	
<b>A098 Harmonization of Structurally-Geological and Aerospace Research to Clarify and Developmental Orekhovo-Pavlograd Interblock Zone of Ukrainian Shield</b>	418
<i>A. Ponomarenko, A. Azimov, L. Os'macko</i>	
<b>A099 Finite-Difference Method in the Task of the Time Field Continuation in 3-D Heterogeneous Media</b>	424
<i>V. Pylpenko, A. Verpakhovska, E. Pylpenko</i>	
<b>A100 Ecological Informative of the Ecopedophysical Investigations of the Territory of Former Military Airfields</b>	429
<i>O. Menshov, A. Sukhorada</i>	
<b>A101 Informatics Support Problems for a Geophysical Tomography Interpretation Technologies</b>	434
<i>G. Prodaivoda, S. Vygva, I. Virshylo</i>	

<b>A102 A Model of National Geological Cartographic Information System. Technological Approaches and Solutions .....</b>	435
<i>G. Brekhov, V. Snejhko, N. Berezyuk</i>	
<b>A103 Zones of Pinching out of Productive Horizons of Tula Complex of Dnieper-Donetsk Oil-Gas Bearing Basin .....</b>	439
<i>V. Kryosheyev, E. Ivanova, V. Makogon, O. Pekelna, E. Matyusha</i>	
<b>A104 Computer Plotting Circular Diagrams.....</b>	444
<i>N. Shafranska</i>	
<b>A105 Structural-Geological Informativity of Magnetic Scaning .....</b>	449
<i>M. Reshetnyk, A. Sukhorada</i>	
<b>A106 Unified Geoinformation System for Geological Studies and Mineral Resource Exploration .....</b>	454
<i>E. Cheremisina</i>	
<b>A107 Computer Modeling Placer Titanium Ores Deposit .....</b>	459
<i>D. Khruschov, L. Galetskiy, O. Remezova, O. Lobasov, Y. Kyrpach</i>	
<b>A108 Factorization Methods for Inverse Two-Dimensional Problem of Electric and Inductive Logging .....</b>	464
<i>M. Myrontsov</i>	
<b>A109 Method of Improving the Logging Efficiency using BKZ-BK-IK System .....</b>	469
<i>M. Myrontsov</i>	
<b>A110 Digital Structural-Lythological Modeling as a Method of Informative-Analytical Provision of R&amp;D Aimed at Use and Protection of Geological Environment .....</b>	474
<i>D. Khrushchov, M. Kovalchuk, O. Remezova, O. Lobasov, L. Bovevskaya, Y. Kyrpach, O. Stepanyuk</i>	
<b>A111 Computer Technology for Integrated Analysis and interpretation of Geological and Geophysical Data for Regional Profiles.....</b>	479
<i>E. Cheremisina, V. Galuev, S. Malinina</i>	
<b>A112 Simulation of Nonlinear Ground Response During the Fukuoka 2005-03-20 Earthquake .....</b>	484
<i>K. Dudinskyi, O. Pavlenko</i>	
<b>A113 Application of Computerized Information-Recording System for Organization the Thermometric Monitoring .....</b>	489
<i>K. Borisenko</i>	
<b>A114 To Interpretation of Magnetic Anomalies Above Deposits Phosphate - Titanic Ore of the Korosten Pluton, (Ukrainian Shield).....</b>	496
<i>M. Zejelman, T. Mikheeva, N. Panchenko</i>	
<b>A115 Some Solving Results of the Direct Gravity Problem with the Influence of Geodensity Heterogeneity Medium .....</b>	501
<i>E. Vdovina</i>	
<b>A116 Discrete Mathematical Analysis and Geophysical Applications .....</b>	505
<i>S. Agayan, S. Bogoutdinov, A. Gvishiani</i>	
<b>A117 Fuzzy Logic Methods for Geomagnetic Events Detections and Analysis .....</b>	510
<i>R. Kulchinskiy, S. Agayan, S. Bogoutdinov, A. Gvishiani</i>	
<b>A118 Definition of Stochastic Continuity by Fuzzy Logic Methods and Geophysical Applications .....</b>	515
<i>A. Kagan, S. Agayan, S. Bogoutdinov</i>	
<b>A119 Application of Fuzzy Logic Methods to Multi-Dimensional Time-Series Analysis .....</b>	520
<i>S. Mikhalevski, S. Agayan</i>	
<b>A120 Methods of Geoinformation Forecasting of Geodinamic Risk in Mining Objekts Mining and Oil Gas Complexes.....</b>	525
<i>Z. Efendiyeva</i>	
<b>A121 New Database Structure and Data Format of State Geological Maps of Russian Federation Scale 1:200 000 (Second Edition) for Preservation and using of Field Geological Information.....</b>	531
<i>M. Shishkin, E. Lebedeva</i>	
<b>A123 Deep Structure and Seismicity of the Karelian Region and its Margins .....</b>	535
<i>N. Sharov</i>	
<b>A124 The Resource Aspect of Ukraine Energy Strategy .....</b>	540
<i>M. Yevdoshchuk, M. Korzhnev, M. Kurylo, J. Yakovlev</i>	
<b>A0125 The Operative Control Iron Distribution on Depth of Explosive Chinks in Open-Cast Mine Conditions .....</b>	549
<i>A. Azaryan, V. Azaryan, A. Trachuc</i>	
<b>P011 Mathematical Modelling of Influence of Fluid Saturation and Shalines on the Elastic and Acoustic Properties of Volyno-Podillya Limestones .....</b>	554
<i>G. Prodavoda, I. Bezrodna, T. Kuzmenko</i>	
<b>P019 Principles of Geophysical Diagnostics of Natural and Technogenic Processes .....</b>	559
<i>S. Vigva, G. Prodavoda, Y. Onanko</i>	

<b>P038 Development of the Geo-Informatics System for the Investigation of the Age Variations of the Magnetic Field and Other Geophysical Data Types .....</b>	562
<i>D. Marchenko, V. Maksymchuk, Y. Gorodysky</i>	
<b>P039 Creating a Feasibility Study for a Decision on Buying Land.....</b>	566
<i>V. Shatokhin, D. Medvedev</i>	
<b>P048 Investigation of Thin-Layer Rocks-Collectors of Lower-Sarmatian Mukachevo Cavity According to GIW and Drilling Data.....</b>	570
<i>V. Kurgansky, V. Kolisnichenko, V. Malyar</i>	
<b>P090 Study of Deep Tectonics the Slopes of Serednoprudniprovskyi Megablock .....</b>	575
<i>S. Slobodyanyk, P. Pigulevsky</i>	
<b>Author Index</b>	