

## CONTENTS

<b>Editors</b>	v
<b>Reviewers</b>	vii
<b>Preface</b>	ix
<b>Preface to HS Volume</b>	xi
<b>Carbonatites in Phong Tho, Lai Chau Province (NW Vietnam): Their Petrogenesis and Relationship with Cenozoic Potassic Alkaline Magmatism</b>	1
<i>N.T. Chi, M.J.F. Flower and D.T. Hung</i>	
<b>Non-Destructive Detection of Platinum-Bearing Mineral From Geological Sample by Subtraction Imaging with Synchrotron Radiation X-Ray</b>	47
<i>Tetsu Kogiso, Katsuhiko Suzuki, Toshihiro Suzuki and Kentaro Uesugi</i>	
<b>Trace, Rare Earth Element (REE) and Platinum Group Element (PGE) Geochemistry of the Mafic and Ultramafic Rocks from Bundelkhand Craton, Central India</b>	57
<i>M. Satyanarayanan, V. Balaram, Parijat Roy, K. V. Anjaiah and S. P. Singh</i>	
<b>Pge Exploration Studies in India — A Few Initiatives</b>	81
<i>V. Balaram</i>	
<b>PGE Mineralisation in Ultramafic/Mafic Enclaves of Ikauna Area, Bundelkhand Craton, India</b>	111
<i>S. A. Farooqui and P. K. Singh</i>	

<b>Determination of Ultra Low Levels of Platinum Group of Elements in Kimberlites by ICP-MS: Modified Decomposition Procedure Using Double Nis Fire Assay Followed by Te Co Precipitation</b>	121
<i>Parijat Roy, Vysetti Balaram, Gnaneshwar Rao and Manavalan Satyanarayan</i>	
<b>Lithological, Mineral and Geochemical Indicators of Methane Emanations and Associated Gas Hydrates in the Sediments of Ne Sakhalin Slope (Okhotsk Sea)</b>	137
<i>N. A. Nikolaeva, A. N. Derkachev and A. I. Obzhirov</i>	
<b>Thermal Conductivity and Diffusivity of Harzburgite Rock of Oman Ophiolite</b>	151
<i>S. Arafin, R. N. Singh and A. K. George</i>	
<b>Fault Model of 2007 M= 6.8 Chuetsu-Oki Earthquake, Central Japan, Constructed Using Geodetic Data</b>	165
<i>Takuya Nishimura, Mikio Tobita, Makoto Murakami, Toshihiko Kanazawa and Masanao Shinohara</i>	
<b>Assessment of an Urban Active Fault Using GPR, Eastern Kobe, Japan</b>	179
<i>T. Miyata and Y. Nigauri</i>	
<b>Orthometric Height Determination Using GPS Signals: a Preliminary Test</b>	187
<i>Wenbin Shen, Wei Tian, Jinsheng Ning, Jinnan Liu, Jinnan Liu and Zemin Wang</i>	
<b>Recently Flood Events and Groundwater Relationship in Lower Namkam Basin Thailand</b>	197
<i>Sombat Chuenchooklin, Tsutomu Ichikawa and Phattaporn Mekpruksawong</i>	
<b>Ultra Rapid Dut1 Estimations from E-VLBI Sessions</b>	209
<i>Yasuhiro Koyama, Tetsuro Kondo, Mamoru Sekido, Thomas Hobiger, Hiroshi Takiguchi, Kozin Wada, Shinobu Kurihara, Rüdiger Haas, Jan Wagner, Ari Mujunen and Jouko Ritakari</i>	

<b>Development of Geodetic VLBI Network in Australasia</b>	217
<i>Sergei Gulyaev, Tim Natusch, Oleg Titov, John Dickey and Jim Lovell</i>	
<b>Ground Deformation Assessment Around Toba Lake, North Sumatra, Using Dinsar (Preliminary Report in February 2007 — January 2008)</b>	225
<i>Agustan and Fumiaki Kimata</i>	
<b>Stochastic Analysis of Percolation and Anisotropic Permeability from Micro-Tomography and an Application to Mylonite</b>	241
<i>Jie Liu, Klaus Regenauer-Lieb and Florian Füsseis</i>	
<b>Estimation of Subsurface Qanats Depth by Multi Layer Perceptron Neural Network Via Microgravity Data</b>	259
<i>Alireza Hajian</i>	
<b>Basement Structure of Phukhanh Basin, Vietnam from 3D Gravity Inversion Method Supplimented by Magnetic Data</b>	269
<i>Nguyen Nhu Trung and Nguyen Thi Thu Huong</i>	
<b>Factors Influencing Reliability of Magnetic Pollution Mapping — A Review</b>	285
<i>Aleš Kapička, Eduard Petrovský, Hana Fialová and Radka Kodešová</i>	
<b>Analyzing the Early 19th Century's Geomagnetic Declination in Japan from Tadataka Inoh's Santou Houi Ki Tsushima Island in Particular</b>	295
<i>Motohiro Tsujimoto</i>	
<b>Three-Component 1D Viscoelastic FDM for Plane-Wave oblique incidence</b>	311
<i>Arash Jafargandomi and Hiroshi Takenaka</i>	