

5 Gravity and Magnetics			
5	Basement structure of the Bac Bo Basin based on the 3D interpretation of satellite gravity and magnetic data	Nguyen Nhu Trung	oral
36	Magnetic characteristics of tectonic provinces of Korea	Yeong-Sue Park, Hyoungrea Rim, Mutaek Lim, Young Hong Shin, and Tae-Hwan Jeon	oral
55	3D SPACED 3 COMPONENT MAGNETIZATIONS USING VECTOR ANOMALIES MEASURED BY HPMS	JUN Matsuo, Nobuhiro Isezaki, and Keizo Sayanagi	oral
96	Vertical Gradient Modeling of Borehole Gravity and Its Application for Identifying the Subsurface Layer Boundaries and Estimating the Reservoir Porosity in the ABC Field.	Susanti Alawiyah, Wawan Gunawan A. Kadir, Wisnu Hariyadi, Eko Widiyanto, Darharta Dahrin, Setianingsih, Eko J. Wahyudi	oral
101	HeliFALCON Airborne Gravity Gradiometer Data Acquisition in Rugged Terrain	Asbjorn Norlund Christensen and Greg Hodges	oral
165	Aeromagnetic anomalies in the inundation area by the tsunami of the 2011 off the Pacific coast of Tohoku Earthquake, northeast Japan	Shigeo Okuma, Takumi Ueda, Tadashi Nakatsuka, Yuji Mitsuhashi, Motoharu Jinguuji and Toshihiro Uchida	oral
81	Subsurface structure beneath the Unzen Volcano, Shimabara Peninsula, Kyushu, Japan, based on 2D joint inversion of gravity and magnetic data	Naoto Inoue	poster
171	Gravity Survey in Farnsworth, Texas	Masao Komazawa and Mituhiko Sugihara	poster

6 Reservoir Characterization + 10 Time-lapse/Monitoring			
85	Azimuthal Seismic Inversion for Shale Gas Reservoir Characterization	L. Michel, B. Roure, J. Downton, Tomas Tam III,	oral
7	Enhancement of the seismic technology to improve imaging quality of fractured reservoir inside granite basement	Mai Thanh Tan, Mai Thanh Ha	oral
138	Study on trigger mechanism of large induced seismicity at a hydraulic stimulation in Basel, Switzerland	Yusuke Mukuhira, Hiroshi Asanuma, and Markus Häring	oral
162	Deterministic model of coalbed methane (CBM) potential in east Kalimantan - Indonesia using seismic multi-attributes modeling	Tomi A. Jusri, Djedi S. Widarto, Richard H. Tamba, Fikri M. Fiqih, Tonny Supriadi, Eko Tantoro and Brahmantyo K. Gunawan	oral
38	Gas Hydrate Seismic Identification and Characterizations in X Basin, West Sulawesi.	Wina Fitriah and Awali Priyono	oral
145	Identification of Fault Structure and Hydrocarbon Prospect Areas based on Integration of Gravity Anomalies, Geology and Production Well Analysis in WDS Oil Field, East Kalimantan.	Wawan Gunawan A. Kadir, Susanti Alawiyah, Djoko Santoso, Eko Widiyanto, Darharta Dahrin, Setianingsih, Eko Januari Wahyudi, and Arness Adabi	oral
32	Q factor of elastic wave propagating in poroelastic medium	Kazuki Ishikura, Hitoshi Mikada, Tada-nori Goto and Junichi Takekawa	oral
64	Numerical simulation for flux change in laminar flow under oscillating boundary condition with Lattice Boltzmann method	Ryuta Ueda, Hitoshi Mikada, Tada-nori Goto, Junichi Takekawa	oral
44	Evolution of Relative Permeability due to Carbonate Precipitation in Porous Media: Insight from Lattice Boltzmann Method	Fei Jiang, Takeshi Tsuji and Changhong Hu	oral
33	OFFSET APERTURE OPTIMIZATION OF PARTIAL CRS STACK BASE ON AVO GRADIENT FOR RESERVOIR CHARACTERIZATION	Alpius Dwi Guntara, Djoko Santoso, Sanny and Awali Priyono	oral
90	Field data observation and numerical study using a permanent seismic source ACROSS for hydrocarbon reservoir monitoring	Mamoru Takanashi, Ayato Kato, and Junzo Kasahara	oral
207	Statistical integration of time-lapse seismic and electromagnetic data for reservoir monitoring and management	Jaehoon Lee, Tapan Mukerji, and Michael Tompkins	oral
160	Seismic Characterization of CO2 Storage Candidates in Gundih Field, Central Java, Indonesia	Ariesty Asikin, Awali Priyono, M. Rachmat Sule, and Benyamin Sapiie	poster
114	Identification of New Hydrocarbon Prospect Area Using Multi-Attribute Analysis of Hydrocarbon Microtremor Data	Andri Dian Nugraha, Dimmas Ramadhan, Afnimar, Muhammad Fadhillah Akbar and Guntur Mulyanagara	poster
103	Gravity monitoring for CO2 sequestration using a superconducting gravimeter	Mituhiko Sugihara, Kazunari Nawa, Tsuneo Ishido, Nobukazu Soma and Yuji Nishi	poster

7 Environmental and Engineering Applications			
6	Investigation of the saltwater intrusion in the Pleistocene aquifer in the coastal zone of Red River Delta	Nguyen Nhu Trung and Trinh Hoai Thu	oral
15	Utilizing 3D exploration seismic data for seabed mapping and near surface geohazard investigation	Mazin Farouki and Shinya Sakamoto	oral
24	The suppression of insolation heating induced by scattering of electromagnetic waves by fine spheres	Jun Horie, Hitoshi mikada, Tada-noriGoto, Junichi Takekawa, Yasuhiro Manaka, Kiyoshi Taniguchi, and YuzuruAshida	oral
51	Geological structure of beachrock by geophysical exploration: application to Yagaji Island in Okinawa, Japan	Ryosuke Kubo, Satoru Kawasaki, Koichi Suzuki, Shinji Yamaguchi and Toshiro Hata	oral
53	High lateral resolution exploration using surface waves from noise records	Francisco J. Chavez-Garcia and Toshiaki Yokoi	oral
117	2-Dimensional Linear Array Microtremor Survey Techniques for Earthen Levee Investigations	Takaho Kita, Tomio Inazaki and Koichi Hayashi	oral
136	Application of Rayleigh wave exploration in evaluation of grouting effect of immersed tube tunnels	Cheng Cheng, Ai-lan Che, Huan Wang and Shaokong Feng	oral
140	Effects of subsurface structure on Array Microtremors Surveying and its application on geological exploration in inland area	Bin Wang, Ailan Che, Shaokong Feng, Meng Chen	oral

144	Study on the Imaging Method for Detecting Defect in High-speed Railway Embankment	Chen Meng, Feng Shao-kong, Che Ai-lan, Wang Huan	oral
151	Study on the theory, method, and application of impact imaging method for grouting evaluation	FENG Shaokong, CHE Ailan, WANG Huan, HUANG TAO	oral
158	Estimation of the grouting effect by resistivity monitoring in a limestone cavity area	Samgyu Park, Jung Ho Kim and Myeong Jong Yi	oral
174	An application of surface waves for characterizing open cracks in concrete	Hideki Saito, Takahisa Tsuruhara, Takashi Kyoya, Yoshinori Sone and Atsushi Ogawa	oral
176	Problems in practical application of integrated geophysical technique for the vulnerability assessment of levee systems	Tomio INAZAKI	oral
189	Study of 3-D SNMR Inversion Modeling	W Warsa, Hendra Grandis, Wahyudi Pamadi, and Djoko Santoso	oral
16	Integrated geophysical survey to detect buried structures for archaeological prospecting. A case-history at an ancient Roman city Adamclisi	Sorin Anghel, Alexandra Dudu, Constantin Diacopolos and Gabriel Iordache	poster
62	Three-dimensional resistivity modelling of GREATER data: Application to the survey data from the Nojima fault, awaji island, japan	Sabry Abd Allah, Toru Mogi, Hisatoshi Ito, Akira Jymori, Youichi Yuuki, Elena Fomenko, Kenzo Kiho, Hideshi Kaieda, Koichi Suzuki and Kazuhiro Tsukuda	poster
72	Geoelectrical monitoring of the slope of an embankment using a large-scale rainfall simulator	Shinichi Takakura, Mayumi Yoshioka, Tomohiro Ishizawa and Naoki Sakai	poster
73	Effectiveness of induced polarization measurements for interpreting landfill properties such as metal-enriched zones.	Kyoko Wakabayashi, Toshinori Sakurama, Kenya Oyama, Takahiro Ito, Ryuji Yokose, Masafumi Omori, Mutsuo Takeuchi, Hirokazu Tanaka and Kazuo Kamura	poster
88	Measurement of soil temperature in the slope of an embankment by using a large-scale rainfall simulator	Mayumi Yoshioka, Shinichi Takakura, Tomohiro Ishizawa and Naoki Sakai	poster

8 Disaster Mitigation Applications

31	Comparison of existing 3-D velocity models of the Kanto basin in terms of long-period ground motions for the hypothetical Tokai earthquake	Yadab P. Dhakal and Hiroaki Yamanaka	oral
105	Estimation of earthquake ground motions and correlation with house damages for the 2011 off the Pacific coast of Tohoku Earthquake	Masatsugu Masuko and Yoshiya Oda	oral
156	Estimation of vibration characteristics and seismic responses of railway viaducts using microtremors data	Naoyasu Iwata and Seiji Tsuno	oral
131	Evaluation method for earthquake resistance capacity of small-scale buildings using microtremors	Takeshi Tsuji, Teruki Maiguma, and Makoto Yamada	poster

9 Mining Geophysics

205	RISK ASSESSMENT FOR PROPOSED CBM EXPLORATION WELL IN MUARA ENIM AREA, SOUTH SUMATERA BASIN, INDONESIA	Ferdy, Kinanti Sayekti, Casdira, Wika Wiguna, Achmad Susilo, Brahmantyo K. Gunawan, and Djedi S. Widarto	oral
19	Trial of coal seam imaging by cross correlation analysis of drilling noise at open-pit mining based on single point 3C downhole observation	Nobukazu Soma, Shivakumar Karekal, Toshiyuki Toshi, and Hiroshi Asanuma	oral
134	Application of Geophysical investigations in ancient riverbeds of Neogenic	Munkhbaatar Sengge, Tseedulam Khuut, Lkhagvadorj Davaa	oral
191	Resistivity survey of seafloor massive sulfide areas in the Iheya north area, off Okinawa, Japan	Tada-nori Goto, Junichi Takekawa, Hitoshi Mikada, Takafumi Kasaya, Hideaki Machiyama, Koichi Iijima and Keizo Sayanagi	oral

11 Imaging/Interpretation Case Studies

8	Wide-azimuth Acquisition and Azimuthal Anisotropy Processing for Complex Structural Imaging in Liaohe Oilfield	Ping Guo, Pu Wang	oral
185	Determining 3D Qp, Qs, Qp/Qs Ratio Structures from Tomography Inversion in "MM" Geothermal Field.	Mia Uswatun Hasanah, Rachmat Sule, and Andri Dian Nugraha	oral
87	Site Effect Investigation using Spectral Ratio Method in Muara Labuh Geothermal Field, Indonesia	Prima Wira K. Wardhani, Bambang T. Sumbodo, Novianto, and Wiwit Suryanto	oral
86	Ambient Vibration Array Technique for Site Characterization in Muara Labuh Geothermal Field, Indonesia	Prima Wira K. Wardhani, Sony A. Saputra, Yuni Indrawati, Novianto, and Wiwit Suryanto	oral
147	Magnitude Detection Threshold Map in Muara Labuh Geothermal Field's Seismic Network Plan and Development	Siti Fatimah, Theodosius M. Irnaka, Donata N.W. Wardani, Julfi Hadi, Wiwit Suryanto	oral
181	Pseudo-3D Seismic Data from a set of 2D data: A Multipoint Statistic Based Approach	Reza Pasha Amarullah Bekt, Ignatius Sonny Winardhi	oral
152	Overview of exploration of the deep coalbed biosphere off-shore shimokita (IODP Expedition 337)	Yoshinori Sanada, Yusuke Kubo, Yasuhiro Yamada, Yasuyuki Nakamura, Fumio Inagaki, Kai-Uwe Hinrichs, Moe Kyaw Thu, and IODP expedition 337 science party	poster

S1 Marine Geophysics

58	Determination of horizontal stress orientations from borehole breakout analyses in an ocean drilling project	Weiren Lin, Yukari Kido, Yoshinori Sanada, Saneatsu Saito, James J. Mori, Frederick M. Chester, Nobuhisa Eguchi, Sean Toezko, Lena Maeda and Expedition 343 Scientists	oral
100	A new portable multi-channel seismic reflection system for high resolution structural imaging	Seiichi Miura, Mikiya Yamashita, Yasuyuki Nakamura, Shuichi Kodaira, Yuuki Ohwatari, Satoshi Tsukioka	oral

126	Three-dimensional joint inversion of gravity and magnetic anomalies using fuzzy c-means clustering	Yosuke Teranishi, Hitoshi Mikada, Tada-nori Goto and Junichi Takekawa	oral
35	Resolution of full waveform inversion in marine controlled-source electromagnetic exploration	Naoto Imamura, Tada-nori Goto, Junichi Takekawa and Hitoshi Mikada	oral
76	Electromagnetic survey around the seafloor massive sulfide using autonomous underwater vehicle	Tada-nori Goto, Takafumi Kasaya, Naoto Imamura, Hitoshi Mikada, Junichi Takekawa and Keizo Sayanagi	oral
97	The 3-D scanning laser installed on an underwater vehicle achieves observation of seafloor	Hiroshi Yoshida, Shojiro Ishibashi, Takashi Saitoh, and Hideaki Ochimizu	oral
13	Resolution and imaging of complex reservoirs - the value of broadband seismic via dual-sensor streamer acquisition.	Cyrille Reiser, Tim Bird and Mazin Farouki	oral
52	The comparison of high resolution multi-channel seismic reflection survey across the IODP drilling site in Kashinosaki Knoll	Mikiya Yamashita, Seiichi Miura, Jin-Oh Park, Ayako Nakanishi and Shuichi Kodaira	poster
115	Seismic imaging along the Kii channel using OBS-airgun data	Gou Fujie, Ayako Nakanishi, Shuichi Kodaira and Takeshi Sato	poster
118	Three-dimensional electromagnetic responses of disk-shaped hydrocarbon reservoir in marine sediments	Hangilro Jang, Hannuree Jang and Hee Joon Kim	poster
173	Seismic survey using Ultra-Deep OBS in the Japan Trench axis area	Yasuyuki Nakamura, Koichiro Obana, Shuichi Kodaira, Yojiro Yamamoto, Gou Fujie, Seiichi Miura and Narumi Takahashi	poster
200	Developing newly magnetometer system for marine EM survey	Takafumi Kasaya, Hiroshi Ichihara and Tada-nori Goto	poster

S2 Rock Physics

41	Computational rock experiment for estimation of rock strength	Junichi Takekawa, Hitoshi Mikada and Tada-nori Goto	oral
132	Quantitative interpretation of seismic velocity reduction in the excavation disturbed zone with rock physics	Toru Takahashi	oral
30	Fracturing of organic-rich shale during heating	Alexey Yurikov, Marina Pervukhina, Maxim Lebedev, Valeria Shulakova, Yulia Uvarova, Boris Gurevich	oral
59	Rock Physics Modeling of Sonic Velocities in Shales	Marina Pervukhina, Pavel Golodoniuc, and David N. Dewhurst	oral
150	SIP response of sulfide minerals in artificial specimen	Mi Kyung Park, Samgyu Park, Shinichi Takakura, Myeong-Jong Yi, and Jung-Ho Kim	oral
188	Effects of viscosity of unfrozen brine in partially frozen unconsolidated sediments on ultrasonic wave attenuation	Jun Matsushima, Makoto Suzuki, Yoshibumi Kato, and Shuichi Rokugawa	oral
122	Fracture Flow Models of Core Samples by X-ray CT Under Pressure and Numerical Simulation	Hisao Ito(1), Kazumasa Kato(2), Yutaka Ochi(3), Naofumi Hosokawa(3), Noriaki Watanabe(4), Yasuyuki Mino(5), Yushihiro Tsuchiya(5)	oral
182	ANISOTROPY AND MATURITY STUDY IN ORGANIC SHALE	AYUNDA AULIA VALENCIA	oral
194	Seismic Rock Physics of the South Sumatra Basin Coal, Indonesia	Yuda Faisal Yushendri, Artini Sukotjo, Rusalida Raguwanti, Djedi Setyo Widarto and Bagus Endar B. Nurhandoko	oral
47	Stress distribution and fracture propagation in a fractured medium due to fluid pressure changes	Kurama Okubo, Hitoshi Mikada, Tada-nori Goto and Junichi Takekawa	poster

S3 Geophysics in Earthquake Studies

40	Numerical investigation for earthquake triggering of volcanic eruptions	Junichi Takekawa, Hitoshi Mikada and Tada-nori Goto	oral
46	Ground-motion simulation for scenario earthquakes along Serghaya Fault and the seismic hazard implications to Damascus city, Syria	Hussam Eldein Zaineh, and Hiroaki Yamanaka	oral
104	Some features of bottom pressure records at the 2011 Tohoku earthquake - Interpretation of the far-field DONET data	Hiroyuki Matsumoto and Yoshiyuki Kaneda	oral
141	The seismic characteristics of surface ground of Zushi-site during The 2011 Japan Great Earthquake	Takahiro Iwatate, Nobuyuki Naito, Koji Ando and Yoshiya Oda	oral
163	Site amplification characteristics of the 2011 Tohoku earthquake sequence in Sendai, Japan, and their interpretations by the irregular subsurface structures	Susumu Ohno, Eita Mitsuya, Satoru Koike and Masato Motosaka	oral
111	Wide-angle OBS velocity structure and gravity modeling along the SAHKE transect, southern North Island, New Zealand	Kimihiro Mochizuki, Tomoaki Yamada, Masanao Shinohara, Takaya Iwasaki, Hiroshi Sato, Stuart Henrys and Rupert Sutherland	oral
17	Rapid prediction of earthquake ground motions using seismic records observed in deep boreholes	Hiroyuki Miyakoshi and Seiji Tsuno	oral
22	Velocity reduction in an offshore region after the 2011 Tohoku-Oki earthquake, revealed from ocean-bottom seismic records	Yoshihiro Ito and Ryota Hino	oral
37	Relationship between Coda-Q and Variation of Stress: Case study	Kyosuke Okamoto, Hitoshi Mikada, Tada-nori Goto and Junichi Takekawa	oral
50	Two dimensional shallow soil investigations at the vicinity of the K-NET Tsukidate station in Miyagi Prefecture.	Mohamed Amrouche, Hiroaki Yamanaka, and KosukeChimoto.	oral
80	Segmentation of Hypocenters and 3-D Velocity Structure around the Kii Peninsula Revealed by Onshore and Offshore Seismic Observations	Takeshi Akuhara, Kimihiro Mochizuki, Kazuo Nakahigashi, Tomoaki Yamada, Masanao Shinohara, Shin'ichi Sakai, Toshihiko Kanazawa, Kenji Uehira, Hiroshi Shimizu	oral
99	Estimation of S-wave velocity structures using seismic interferometry from long time series of microtremors in Suruga bay area, Japan	Kosuke Chimoto, Hiroaki Yamanaka, Mariko Ohishi and Nobuyuki Yamada	oral

112	Long-period ground motions in the Tokyo Metropolitan Area predicted for Tokai earthquake: Based on the characteristics of ground motions observed during the 2011 off the Pacific coast of Tohoku earthquake	Seiji Tsuno, Hiroaki Yamanaka, Shin'ichi Sakai and Naoshi Hirata	oral
190	The Retrieval of The Borehole Observatory System Installed in The Tohoku Earthquake Zone	Yasuhiro Namba, Masanori Kyo, Yasuyuki Kano, Takafumi Kasaya, Patrick Fulton, Hiroaki Muraki, Yoshinobu Nanbu, Noriyasu Yamauchi, and Atsumori Miura	oral
26	Ocean bottom pressure records of the 2011 Tohoku-Oki earthquake	Ryota Hino, Daisuke Inazu, Yoshihiro Ito, Yusaku Ohta, and Takeshi Iinuma	oral
92	Application of seismic interferometry to ambient noise records acquired by seafloor and subseafloor seismometers deployed in the Nankai Trough	Toshinori Kimura, Hitoshi Mikada, Eiichiro Araki, and Kazuya Kitada	oral
20	Stress fields in NE Japan before and after the 2011 Tohoku-oki Earthquake	Keisuke Yoshida, Akira Hasegawa, Tomomi Okada, Junichi Nakajima, Yoshihiro Ito, Takeshi Iinuma, Youichi Asano, Group for the aftershock observations of the 2011 off the Pacific coast of Tohoku Earthquake	poster
27	S-wave subsurface structure model of the southern part of Okinawa Island, in Nansei Islands, Japan	Nobuyuki Yamada and Hiroshi Takenaka	poster
28	Monitoring of seismic velocity structure before and after the 2011 Tohoku-Oki earthquake using array observation of ambient noise	Ryota Takagi, Tomomi Okada, Toshio Kono and Akira Hasegawa	poster
63	A trial estimation of frictional properties from perturbed repeating earthquakes	Keisuke Ariyoshi, Toru Matsuzawa, Ryota Hino, Akira Hasegawa and Yoshiyuki Kaneda	poster
119	Estimation of 3-D Subsurface Structure around the Tachikawa Fault Zone using Joint Inversion of Rayleigh Wave Phase Velocities and Receiver Functions	Koichiro Saguchi, Kosuke Chimoto and Hiroaki Yamanaka	poster
121	Long-term stability tests on tiltmeter and seismometer for the Long-Term Borehole Monitoring System	Toshinori Kimura, Eiichiro Araki and Kazuya Kitada	poster
164	Seismic intensity distribution by ultra-high density questionnaire surveys and the shallow S-wave velocity structures by microtremor array surveys in the central area of Maesawa District of Oshu City of Iwate Prefecture at northern Honshu, Japan	Hidekazu Yamamoto, Megumi Takakura and Tsuyoshi Saito	poster
186	Seismic wave simulation at DONET ocean-bottom stations	Takeshi Nakamura, Hiroshi Takenaka, Taro Okamoto, and Yoshiyuki Kaneda	poster
124	Source Model of 2011 Tohoku-Oki Earthquake Estimated from Seismic Waveform Inversion Considering 3-D Inhomogeneity of Underground Structure	Satoru Fujihara, Kaoru Kawaji, Mariko Korenaga and Shinichi Akiyama	poster
65	Mapping of Vp/Vs and Qs/Qp Ratio Structures Using Induced Micro-seismic Data in a Geothermal Exploration Field	Andri Dian Nugraha, Ahmad Syahputra, Rachmat Sule and Sri Widiyantoro	poster
66	Application of Double-Difference Method to Micro-seismic Data in a Geothermal Exploration Field	Andri Dian Nugraha, Ahmad Syahputra, Rachmat Sule and Sri Widiyantoro	poster
67	Analysis of Micro-seismic Events Through Waveform Identification and Hypocenter Determination Around a Geothermal Field in West Java	Andri Dian Nugraha, Mohamad Ramdhan, Sri Widiyantoro, Bambang Mujihardi, Djedi S. Widarto, Mia U. Hasanah, Ahmad F. Akbar, Aditya A. Juanda and Tommi	poster
94	Estimating Rupture Process of 2003 Bam, Iran, Earthquake: A bilateral rupture and combination of two focal mechanisms	Ali Riahi, Hossein Sadeghi, S. Keivan Hosseini	poster

S4 Exploration Geophysics for Nuclear Power Station			
177	Investigation of the spatial variation of earthquake ground motions in the Hamaoka Nuclear Power Station using the dense seismic observations	Masayuki Kuriyama, Hiroaki Sato, and Sadanori Higashi	oral
49	Uncertainty estimation of S-wave velocity profile from inversion of spectral ratio in deep borehole array	Hiroaki YAMANAKA , Kosuke CHIMOTO and Koichiro SAGUCHI	oral
77	Evaluation of the Ground Attenuation Property by using a PS-Logging Method at the Site of a Nuclear Power Station	Dai Nobuoka, Takeshi Kawasato, and Shinya Ikutama	oral
109	Development of seismic observation system in deep borehole	Yutaka Mamada, Genyu Kobayashi, Hideaki Tsutsumi, Satoru Wada, Katsuya Fujii, Kazuya Arai, Isamu Yokoi, Masato Sakurai, Mitsuru Yabe and Hiroyuki Azuma	oral
135	On the underground structural explorations for the investigation of the local amplification of seismic waves in a nuclear power plant site	Shin'ichi Ito, Hiroshi Yokota, Takenobu Tanaka, Jirou Nakamura, Hisanori Oominami and Tadayoshi Narita	oral
180	Construction of 3-D S-wave velocity model by joint inversion method	Yoshihiro Sugimoto, Genyu Kobayashi, Yutaka Mamada and Hideaki Tsutsumi	oral
45	Estimation of S-wave velocity structure of deep sedimentary layers using geophysical data and earthquake ground motion records.	Haruhiko Suzuki, Kobayashi Genyu, Yutaka Mamada, and Hideaki Tsutsumi	poster
178	Evaluation of seismic wave amplification in the site where very hard crystalline schist forms the bedrock	Yoshihiko Ishikawa, Naoki Nishizaka, Yuichiro Shimoguchi, Yuki Ohno, Daisuke Kanbara, Eiji Tamura, Kenichi Ando, Chiaki Nagai, Kazunari Kimura and Shinji Kawasaki	poster
202	Evaluation of subsurface structure in the Kashiwazaki-Kariwa Nuclear Power Station using dense array observation data	Tomiichi Uetake, Kazuhito Hikima, Sadanori Higashi, and Hiroaki Sato	poster
208	Case Studies of the Ground Attenuation Property by using a PSLogging	Msato Yamamoto, Dai Nobuoka, Masaya Yamauchi and Atsushi Okazaki	poster

108	Evaluation of Difference in Tsunami Wave Pressure among Different Tsunami Source Models	Satoru Fujihara, Takahiro Tamiya, Mariko Korenaga, and Norihiko Hashimoto	poster
206	Identification of 1D velocity structures in Kashiwazaki-Kariwa NPS based on dense earthquake observation and microtremor array measurements	Hiroaki Sato, Sadanori Higashi, Tomiichi Uetake and Kazuhito Hikima	poster

Keynote Address (Technical Speech)

	Environmental Geophysics in Australia	Gregory J. Street (ASEG)	oral
	Recent advances in marine seismic acquisition	Roald Van Borselen (EAGE)	oral