

Contents

Preface	i-ii
3D velocity structure model of the Ishikari and Yūfutsu sedimentary basins Kunikazu Yoshida, Masayuki Yoshimi, Haruhiko Suzuki, Michio Morino, Fuminori Takizawa, Haruko Sekiguchi and Haruo Horikawa	1-29
Age and distribution of tsunami deposit in the Ishinomaki Plain, Northeastern Japan Masanobu Shishikura, Yuki Sawai, Yukinobu Okamura, Junko Komatsubara, Than Tin Aung, Tatsuya Ishiyama, Osamu Fujiwara and Shigehiro Fujino	31-46
A study on paleotsunami using handy geoslicer in Sendai Plain (Sendai, Natori, Iwanuma, Watari, and Yamamoto), Miyagi, Japan Yuki Sawai, Masanobu Shishikura, Yukinobu Okamura, Keita Takada, Tabito Matsu'ura, Than Tin Aung, Junko Komatsubara, Yushiro Fujii, Osamu Fujiwara, Kenji Satake, Takanobu Kamataki and Nobue Sato	47-80
Shallow subsurface structure between the Ayasegawa fault and the Kazo lowland Kazuo Yamaguchi, Naomi Kano, Tatsuya Sumita, Toshiki Ohtaki, Masahiko Makino and Takanobu Yokokura	81-90
Coseismic subsidence recorded in the Holocene sequence in the Ukishima-ga-hara lowland, Shizuoka Prefecture, central Japan Osamu Fujiwara, Yuki Sawai, Yoshimune Morita, Junko Komatsubara and Kohei Abe	91-118
Activity of Fujikawa-kako fault zone inferred from submergence history of Ukishima-ga-hara lowland, central Japan Junko Komatsubara, Masanobu Shishikura and Yukinobu Okamura	119-128
Paleoseismological investigation of the Fujikawa-kako fault zone, Shizuoka Prefecture, central Japan Tadashi Maruyama and Masaru Saito	129-155
Trace of the AD1707 Hōei earthquake from the coastal lowland, Shizuoka Prefecture, central Japan Osamu Fujiwara, Eisuke Ono, Kenji Satake, Yuki Sawai, Masatomo Umitsu, Toshifumi Yata, Kohei Abe, Tetsuya Ikeda, Yukinobu Okamura, Yoshiteru Sato, Than Tin Aung and Jun-ichi Uchida	157-171
Microearthquake activity and velocity structure in the southernmost part of source region of the 2004 mid-Niigata earthquake Makoto Hoshino, Yasuto Kuwahara, Kazutoshi Imanishi, Ikuo Cho and Tetsuya Takeda	173-180
Paleoseismicity of the Tonami-heiwa and Kurehayama fault zones, central Japan Toshikazu Yoshioka, Takashi Hosoya, Tomoo Hashimoto and Koji Magara	181-196
Tectonic evolution and active tectonics of the Noto Peninsula (Hanto) and its surrounding area Yukinobu Okamura	197-207
Preliminary research of tsunami deposits in the Shijima Lowland, Shima Peninsula, central Japan Junko Komatsubara and Yukinobu Okamura	209-217
Preliminary research of tsunami deposits along the coast of the Kii Peninsula Junko Komatsubara, Yukinobu Okamura, Yuki Sawai, Masanobu Shishikura, Masayuki Yoshimi and Hideki Saomoto	219-230

Boring survey across the southernmost part of the Kego fault Takashi Azuma, Yukari Miyashita, Manabu Nikaido and Kazuki Matsuura	231-239
Paleoseismicity of the Futagawa-Hinagu fault zone, central Kyushu, Japan Toshikazu Yoshioka, Kayo Shintani, Katsutoshi Iemura and Riichiro Miyawaki	241-258
Basic examination on consecutive fault rupturing by dynamic rupture simulation Kazuo Dan, Manami Muto, Haruhiko Torita, Yasuhiro Ohashi and Yuko Kase	259-271
Preliminary analyses to develop a method for stress-triggering assessment Ikuo Cho and Yasuto Kuwahara	273-292