

火山 第56巻 総目次

第 1 号

論 説

- S-P 時間を用いた再解析によって明らかになった 1970 年代の箱根群発震源域の特徴—最近の群発震源域との比較—……………本多 亮・伊東 博・行竹洋平・原田昌武・吉田明夫… 1

寄 書

- 北海道南西部クッタラ火山日和山潜在ドームのフィッシュントラック年代
……………後藤芳彦・檀原 徹… 19

書 評

- 在田一則・竹下 徹・見延庄士郎・渡部重十編著「地球惑星科学入門」……穴澤活郎・小林哲夫… 25

ニ ュ ー ス

- 日本の火山活動概況 (2010 年 11 月～12 月)…………… 27
その他のニュース…………… 29

第 2・3 合併号

論 説

- 顕微 FT-IR 反射分光法による斑晶ガラス包有物の含水量測定……………安田 敦… 41
南西北海道、羊蹄火山の完新世噴火史の再検討……………上澤真平・中川光弘・江草匡倫… 51
浅間火山天明噴火: 遠隔地の史料から明らかになった降灰分布と活動推移……………津久井雅志… 65

寄 書

- 史料にもとづく桜島火山 1779 年安永噴火の降灰分布……………津久井雅志… 89

書 評

- ハンス-ウルリッヒ シュミンケ 著 隅田まり・西村裕一 訳「火山学」……………寅丸敦志… 95

学 会 記 事

- …………… 97

ニ ュ ー ス

- 日本の火山活動概況 (2011 年 1 月～2 月)…………… 110
日本の火山活動概況 (2011 年 3 月～4 月)…………… 114
その他のニュース…………… 117

日本火山学会 2011 年度秋季大会のご案内

- 付: 特定非営利活動法人日本火山学会定款…………… i
投稿規定…………… xi
投稿細則…………… xii
「火山」原稿作成の手引き…………… xiv

第4・5合併号

論 説

- Three-dimensional Digital Mapping of the Noboribetsu Geothermal Field, Kuttara Volcano, Hokkaido, Japan, using a Helicopter-borne High-resolution Laser Scanner
Yoshihiko GOTO, Satoru MATSUZUKA and Seiji KAMEYAMA·· 127
- A Fallout Tephra from Tenchozan Volcano, Shiretoko Peninsula, Hokkaido, Japan
Yoshihiko GOTO·· 137

寄 書

- A Phreatic Explosion after AD 1663 at the Hiyoriyama Cryptodome, Kuttara Volcano, Southwestern Hokkaido, Japan
Yoshihiko GOTO, Hirotaaka SASAKI, Yoshimasa TORIGUCHI and Akira HATAKEYAMA·· 147
- Controlled Source Audio-frequency Magnetotelluric (CSAMT) and Time Domain Electromagnetic (TDEM) Resistivity Measurements at Noboribetsu Geothermal Field, Kuttara Volcano, Hokkaido, JapanYoshihiko GOTO and Akira JOHMORI·· 153
- Radiocarbon Dating of the Minamidake Debris-Avalanche Deposit, Shiretoko-izozan Volcano, Eastern Hokkaido, JapanYoshihiko GOTO, Nobuo GOUCHI and Isao MATSUDA·· 161

書 評

- 鎌田浩毅 著「火山と地震の国に暮らす」 藤縄明彦·· 169

口絵写真解説

- 自律型無人ヘリにより撮影した新燃岳の火口およびその周辺域
金子隆之・大湊隆雄・小山崇夫・武尾 実・渡邊篤志・嶋野岳人・
 柳澤孝寿・青木陽介・安田 敦・本多嘉明·· 171

ニ ュ ー ス

- 日本の火山活動概況（2011年5月～6月） 175
- その他のニュース 178

第 6 号

論 説

磐梯火山最初期噴出物におけるマグマ組成の時間変化: 裏磐梯高原コアの化学分析結果
山元孝広·· 189

桜島火山北東部の表層地震反射構造
筒井智樹・今井幹浩・對馬和希・八木直史・井口正人・為栗 健·· 201

解説・紹介

IUGG2011 総会参加報告
 ..横尾亮彦・嶋野岳人・松本亜希子・三輪学央・風早竜之介・萬年一剛・寺田暁彦・
 鈴木雄治郎・河野裕希・小園誠史・佐藤鋭一・星出隆志・中岡礼奈・巳波壮馬·· 213

書 評

日本火山学会編「富士火山」.....青山 裕·· 221

講演題目

2011 年度春季大会 223

2011 年度秋季大会 231

学会記事..... 239

ニュース

日本の火山活動概況 (2011 年 7 月～8 月) 251

日本の火山活動概況 (2011 年 9 月～10 月) 254

その他のニュース..... 257

付: 第 56 卷 (第 1 号～第 6 号) 総目次・著者索引 i

**BULLETIN OF THE VOLCANOLOGICAL
SOCIETY OF JAPAN
Vol. 56 Contents**

No. 1

Article

- Features of Hypocentral Area of Swarm Earthquakes in Hakone Volcano in 1970's Revealed by
Re-Analysis Using S-P Data—Comparison with Recent Activities—
··Ryou HONDA, Hiroshi ITO, Youhei YUKUTAKE, Masatake HARADA and Akio YOSHIDA·· 1

Letter

- Zircon Fission-track Dating of the Hiyoriyama Cryptodome at Kuttara Volcano, Southwestern
Hokkaido, Japan ·····Yoshihiko GOTO and Tohru DANHARA·· 19

Book Review

- Book Review: An Introduction to Earth and Planetary Sciences, edited by Kazunori ARITA, Toru
TAKESHITA, Shoshiro MINOBE, and Shigeto WATANABE
······Katsuro ANAZAWA and Tetsuo KOBAYASHI·· 25

News

- Volcanic Activity in Japan, during November—December, 2010 ····· 27
Miscellaneous News ····· 29

No. 2 · 3

Articles

- FT-IR Micro Reflectance Measurements of Water Content in Melt Inclusions
······Atsushi YASUDA·· 41
Reinvestigation of Holocene Eruptive History of Yotei Volcano, Southwest Hokkaido, Japan
······Shimpei UESAWA, Mitsuhiro NAKAGAWA and Masamichi EGUSA·· 51
The 1783 Tenmei Eruption of Asama Volcano: Ash-fall Distribution and Sequence of the Eruption
Review from Old Documents ·····Masashi TSUKUI·· 65

Letter

- Ash-Fall Distribution of 1779 An'ei Eruption, Sakurajima Volcano—Revealed by Historical
Documents— ·····Masashi TSUKUI·· 89

Book Review

- Book Review: Volcanism by Hans-ULRICH SCHMINCKE Japanese translation by Mari SUMITA and
Yuichi NISHIMURA ·····Atsushi TORAMARU·· 95

- Proceedings of the Society** ····· 97

News

Volcanic Activity in Japan, during January–February, 2011	110
Volcanic Activity in Japan, during March–April, 2011	114
Miscellaneous News	117

Information on 2011 Fall Annual Meeting

Appendix:	i
------------------------	---

News

Volcanic Activity in Japan, during January–February, 2010	129
Miscellaneous News	132

Appendix:	i
------------------------	---

No. 4 • 5

Articles

Three-dimensional Digital Mapping of the Noboribetsu Geothermal Field, Kuttara Volcano, Hokkaido, Japan, using a Helicopter-borne High-resolution Laser ScannerYoshihiko GOTO, Satoru MATSUZUKA and Seiji KAMEYAMA ..	127
A Fallout Tephra from Tenchozan Volcano, Shiretoko Peninsula, Hokkaido, JapanYoshihiko GOTO ..	137

Letters

A Phreatic Explosion after AD 1663 at the Hiyoriyama Cryptodome, Kuttara Volcano, Southwest- ern Hokkaido, JapanYoshihiko GOTO, Hirotaka SASAKI, Yoshimasa TORIGUCHI and Akira HATAKEYAMA ..	147
Controlled Source Audio-frequency Magnetotelluric (CSAMT) and Time Domain Electromagnetic (TDEM) Resistivity Measurements at Noboribetsu Geothermal Field, Kuttara Volcano, Hokkaido, Japan	Yoshihiko GOTO and Akira JOHMORI .. 153
Radiocarbon Dating of the Minamidake Debris-Avalanche Deposit, Shiretoko-izozan Volcano, Eastern Hokkaido, Japan	Yoshihiko GOTO, Nobuo GOUCHI and Isao MATSUDA .. 161

Book Review

Book Review: Living on the Country of Volcanoes and Earthquakes by Hiroki KAMATAAkihiko FUJINAWA ..	169
--	-----

Photogravure

The Summit Crater of Mt Shinmoe and the Adjacent Areas, Taken from Unmanned Autonomous Helicopter	Takayuki KANEKO, Takao OHMINATO, Takao KOYAMA, Minoru TAKEO, Atsushi WATANABE, Taketo SHIMANO, Takatoshi YANAGISAWA, Yosuke AOKI, Atsushi YASUDA and Yoshiaki HONDA ..	171
--	--	-----

News

Volcanic Activity in Japan, during May–June, 2011	175
Miscellaneous News	178

Articles

- Magmatic Evolution in the Initial Products of Bandai Volcano, NE Japan: Geochemical Results
from the Ura-Bandai-Kogen Core on the Northern Flank ·····Takahiro YAMAMOTO··· 189
- The Shallow Seismic Reflection Structure in the Northeastern Part of the Sakurajima Volcano with
the Pseudo-Reflection Method
·····Tomoki TSUTSUI, Mikihiro IMAI, Kazuki TSUSHIMA, Naofumi YAGI,
Masato IGUCHI and Takeshi TAMEGURI··· 201

Scientific Communication

- Report of 2011 IUGG General Assembly in Melbourne, Australia
···Akihiko YOKOO, Taketo SHIMANO, Akiko MATSUMOTO, Takahiro MIWA, Ryunosuke
KAZAHAYA, Kazutaka MANNEN, Akihiko TERADA, Yujiro J. SUZUKI, Yuhki KOHNO,
Tomofumi KOZONO, Eiichi SATO, Takashi HOSHIDE, Reina NAKAOKA and Soma MINAMI··· 213

Book Review

- Book Review: Fuji volcano, Edited by Shigeo ARAMAKI, Toshitsugu FUJII, Setsuya NAKADA and
Naomichi MIYAJI ·····Hiroshi AOYAMA··· 221

Titles of Papers Presented at the Meeting of the Society

- 2011 Spring Meeting ····· 223
- 2011 Fall Meeting ····· 231

Proceedings of the Society ····· 239**News**

- Volcanic Activity in Japan, during July—August, 2011 ····· 251
- Volcanic Activity in Japan, during September—October, 2011 ····· 254
- Miscellaneous News ····· 257

Appendix; Vol. 56 (No. 1–No. 6) Contents–Author Index ····· i