

成果発表（論文、印刷物） 平成 18 年度

気象研究所の職員が平成 18 年度に発表した論文を個人別に五十音順で掲載している。

論文等には、原著論文のほか、報告書、著書、翻訳、解説などの著作物について、単独・共著の区別なく掲載した。但し、口頭発表に伴う著作物のうち学会予稿集など簡易なものについては、口頭発表と重複するため除いている。

各著作物の情報は、整理番号、著者、刊行年、論文タイトル、掲載誌、掲載巻・頁の順に掲載している。整理番号における左側の番号は、全研究員に割り当てた番号であるため、下記リストでは必ずしも連続して現れない。

また、整理番号の後ろに「*」を付した著作物は、査読付き論文であることを示している。

- 青木輝夫
- 1-1 Aoki, Te., M. Hori, A. Hachikubo, T. Tanikawa, H. Motoyoshi, Y. Iizuka, Y. Nakajima, J. Nieve, K. Stamnes, W. Li, H. Eide and R. Storrvald, 2006: Snow Products Derived from ADEOS-II/GLI Data: Scientific Implications, IRS 2004: Current problems in atmospheric radiation, H. Fischer and B. J. Sohn (Eds), A. Deepak Publishing, 255-258.
 - 1-2 Aoki, Te., H. Motoyoshi, Y. Kodama, T. J. Yasunari and K. Sugiura, 2007: Effects of snow grain size and snow impurities on albedo measured in Sapporo, *Proc. 1st Asia CliC Symposium, - The state and fate of Asian Cryosphere* ; Yokohama Institute for Earth Science (JAMSTEC), 184-189.
 - 1-3 Li, W., K. Stamnes, H. Eide, R. Spurr, Te. Aoki and M. Hori, 2006: Simultaneous retrieval of aerosol and surface properties over bright target including snow and ice using multi- and hyperspectral data, IRS 2004: Current problems in atmospheric radiation, H. Fischer and B. J. Sohn (Eds), A. Deepak Publishing, 167-170.
 - 1-4 *Mikami, M., G. Y. Shi, I. Uno, S. Yabuki, Y. Iwasaka, M. Yasui, Te. Aoki, T. Y. Tanaka, Y. Kurosaki, K. Masuda, A. Uchiyama, A. Matsuki, T. Sakai, T. Takemi, M. Nakawo, N. Seino, M. Ishizuka, S. Satake, K. Fujita, Y. Hara, K. Kai, S. Kanayama, M. Hayashi, M. Du, Y. Kanai, Y. Yamada, X. Y. Zhang, Z. Shen, H. Zhou, O. Abe, T. Nagai, Y. Tsutsumi, M. Chiba and J. Suzuki, 2006: Aeolian dust experiment on climate impact: An overview of Japan-China joint project ADEC, *Global Planetary Change*, **52**, 142-172 , doi:10.1016/j.gloplacha.2006.03.001.
 - 1-5 *Tanaka, T. Y., Te. Aoki, H. Takahashi, K. Shibata, A. Uchiyama, and M. Mikami, 2007: Sensitivity study of the optical properties of mineral dust on the direct aerosol radiative perturbation using a global aerosol transport model, *SOLA*, **3**, 033-036, doi:10.2151/sola.2007-009.
 - 1-6 *Tanikawa, T., Te. Aoki, M. Hori, A. Hachikubo, O. Abe, and M. Aniya, 2006: Monte Carlo simulations of spectral albedo for artificial snowpacks composed of spherical and non-spherical particles, *Appl. Opt.*, **45**, 5310-5319.
 - 1-7 Tanikawa, T., Te. Aoki, M. Hori, A. Hachikubo, O. Abe and M. Aniya, 2006: Comparison between observed spectral albedo and theoretical one for artificial snowpack, IRS 2004: Current problems in atmospheric radiation, H. Fischer and B. J. Sohn (Eds), A. Deepak Publishing, 367-370.
 - 1-8 青木輝夫, 2007: 積雪の衛星リモートセンシング, *雪氷*, **69**, 155-167.
 - 1-9 青木輝夫, 安仁屋政武, 石田邦光, 串田圭司, 谷川朋載, 筒井浩行, 中村和樹, 2007: 衛星観測用語解説, *雪氷*, **69**, 279-284.
 - 1-10 地球環境・海洋部環境気象官, 青木輝夫, 2006: 紫外線情報提供業務の開始について, *測候時報*, **73**, 155-196.
 - 1-11 青木輝夫, 2006: 「AMSR・AMSR-E/GLI シンポジウム」参加報告, *雪氷*, **68**, 199-202.
 - 1-12 亀田貴雄, 杉山慎, 櫻井俊光, 力石國男, 鈴木利孝, 青木輝夫, 門田勤, 齊藤冬樹, 堀雅裕, Gonzalo Barcaza, 2006: IGS シンポジウム大規模気候変動指標としての寒冷圏 (Cryospheric Indicators of Global Change) 参加報告, *雪氷*, **68**, 661-668.
 - 1-13 能登美之, 坂本尚章, 島村哲也, 青木輝夫, 2006: 紫外域放射伝達モデルの検証, *札幌*

- 青梨和正 2-1 *Noh, Y. J., G. Liu, E. K. Seo, J. R. Wang and K. Aonashi, 2006: Development of a Snowfall Retrieval Algorithm at High Microwave Frequencies, *J. Geophys. Res.*, **111**, D22216, doi:10.1029/2005JD006826.
- 青柳曉典 3-1 谷義典, 望月隆史, 青柳曉典, 2006: エーロゾルライダーデータの客観判別による品質保証の検討, *測候時報*, **73**, 15-21.
- 青山道夫 4-1 *Aoyama, M., K. Hirose and Y. Igarashi, 2006: Re-construction and updating our understanding on the global weapons tests ¹³⁷Cs fallout, *J. Environ. Monit.*, **8**, 431-438, doi:10.1039/b512601k.
- 4-2 *Aoyama, M., M. Fukasawa, K. Hirose, R. F. C. Mantoura, P. P. Povince, C. S. Kim and K. Komura, 2006: Southern Hemisphere Ocean Tracer Study (SHOTS): An overview and preliminary results, *RADIONUCLIDES IN THE ENVIRONMENT International Conference on Isotopes in Environmental Studies P.P. Povince, and J.A. Sanchez-Cabeza(Eds)*, **8**, 53-66.
- 4-3 Aoyama, M., 2006 : Report of the “Intercomparison Exercise for Reference Material of Nutrients in Seawater in a Seawater matrix 2003” , *Technical Reports of the Meteorological Research Institute*, ISSN0386-4049.
- 4-4 *Hirose, K., M. Aoyama, C. S. Kim, C. K. Kim and P. P. Povince, 2006: Plutonium Isotopes in Seawater of the North Pacific: effects of Close-in fallout, *RADIONUCLIDES IN THE ENVIRONMENT International Conference on Isotopes in Environmental Studies P.P. Povince, and J.A. Sanchez-Cabeza(Eds)*, **8**, 67-82.
- 4-5 Igarashi, Y., M. Aoyama, K. Hirose and Y. Shinoda, 2006: Temporal and spatial variation in radioactivity deposition in Japan-Influence of the Asian dust-Kosa, *Proc. the International Sympo on Environmental Modeling and Radioecology*, 150-156.
- 4-6 *Kawano, T., M. Aoyama, Terry Joyce, H. Uchida, Y. Takatsuki and M. Fukasawa, 2006: The Latest Batch-to-batch Difference Table of Standard Seawater and Its Application to the WOCE Onetime Sections, *J. Oceanogr.*, **62**, 777-792.
- 4-7 *Kawano, T., M. Fukasawa, S. Kouketsu, H. Uchida, T. Doi, I. Kaneko, M. Aoyama and W. Shneider, 2006: Bottom water warming along the pathway of lower circumpolar deep water in the Pacific Ocean, *Geophysical Research Letters*, **33**, L23613, doi:10.1029/2006GL027933.
- 4-8 青山道夫, 2006: 大気と海洋深層における核実験起源フォールアウトの超低レベル放射能測定, *Radioisotopes*, **55**, 429-438.
- 4-9 小村和久, 青山道夫, 秋山正和, 氏平裕輔, 太田祐二, 大塚良仁, 小西勝基, 櫻井敬久, 篠原伸夫, 2006: Ge 検出器の使用状況に関するアンケート報告, *Radioisotopes*, **55**, 699-707.
- 4-10 *猪股弥生, 五十嵐康人, 千葉長, 青山道夫, 廣瀬勝己, 山澤弘実, 飯田孝, 2007: 降水時におけるガンマ線線量率上昇事象の再現期間の推定, *保健物理*, **42** (1), 44- 51.
- 4-11 猪股弥生, 五十嵐康人, 千葉長, 青山道夫, 廣瀬勝己, 2007: 降水時におけるガンマ線線量率上昇事象の再現期間の推定, *Proceedings of the Eighth Workshop on Environmental Radioactivity*.
- 足立アホロ 6-1 Adachi, A. and T. Kobayashi, 2006: Wind profiler and doppler radar observations of gust fronts and cold outflows embedded within a typhoon, *7th International Symposium on Tropospheric Profiling: Needs and Technologies, Boulder, Colorado, USA*, 1.17-1.18.
- 6-2 *Bringi, V. N., M. Thurai, K. Nakagawa, G. J. Huang, T. Kobayashi, A. Adachi, H. Hanado and S. Sekizawa, 2006: Rainfall estimation from C-band polarimetric radar in Okinawa, Japan:Comparisons with 2D-video disdrometer and 400MHz

wind profiler, *J. Meteor. Soc. Japan*, **84**, 705-724.

- 足立恭将 7-1 *Adachi, Y. and S. Yukimoto, 2006: Influence of sea ice thickness on the atmosphere in the winter Arctic region in an atmospheric general circulation model, *SOLA*, **2**, 76-79.
- 五十嵐康人 8-1 *Aoyama, M., K. Hirose and Y. Igarashi, 2006: Re-construction and updating our understanding on the global weapons tests ¹³⁷Cs fallout, *J. Environ. Monit.*, **8**, 431-438, doi:10.1039/b512601k.
- 8-2 Igarashi, Y., M. Aoyama, K. Hirose and Y. Shinoda, 2006: Temporal and spatial variation in radioactivity deposition in Japan-Influence of the Asian dust-Kosa, *Proc. the International Sympo on Environmental Modeling and Radioecology*, 150-156.
- 8-3 *Igarashi, Y., Y. Sawa, K. Yoshioka, H. Takahashi, H. Matsueda and Y. Dokiya, 2006: Seasonal variation in SO₂ plume transport over Japan: observations at the summit of Mt. Fuji from winter to summer, *Atmos. Environ.*, **40**, 7018-7033.
- 8-4 *Inoue, H. Y., H. Matsueda, Y. Igarashi, Y. Sawa, A. Wada, K. Nemoto, H. Sartorius and C. Schellosser, 2006: Seasonal and long-term variations in atmospheric CO₂ and ⁸⁵Kr in Tsukuba, Central Japan, *J. Meteor. Soc. Japan*, **84**(6), 959-968.
- 8-5 *猪股弥生, 五十嵐康人, 千葉長, 青山道夫, 廣瀬勝己, 山澤弘実, 飯田孝, 2007: 降水時におけるガンマ線線量率上昇事象の再現期間の推定, *保健物理*, **42** (1), 44- 51.
- 8-6 猪股弥生, 五十嵐康人, 千葉長, 青山道夫, 廣瀬勝己, 2007: 降水時におけるガンマ線線量率上昇事象の再現期間の推定, *Proceedings of the Eighth Workshop on Environmental Radioactivity*.
- 石井雅男 9-1 *Midorikawa, T., M. Ishii, K. Nemoto, H. Kamiya, A. Nakadate, S. Masuda, H. Matsueda, T. Nakano and H. Y. Inoue, 2006: Interannual variability of winter oceanic CO₂ and air-sea CO₂ flux in the western North Pacific for 2 decade, *J. Geophys. Res.*, **111**, C07S02.
- 9-2 *Sarma, V. V. S. S., T. Saino, K. Sasaoka, Y. Nojiri, T. Ono, M. Ishii, H. Y. Inoue, K. Matsumoto, 2006: Basin-scale pCO₂ distribution using satellite sea surface temperature, Chl a, and climatological salinity in the North Pacific in spring and summer, *Global Biogeochemical Cycles*, **20**, GB3005, doi:10.1029/2005GB002594.
- 9-3 石井雅男, 2006 : 3.2.3 無機炭酸物質, 鷲田伸明 他 (日本化学会) 編, 第5版実験化学講座 20-2 環境化学, 丸善, pp287-293.
- 9-4 石井雅男, 2006 : 地球温暖化で海洋の物質循環はどうなるの?, *海と空*, **81**, 107-116.
- 9-5 井上元, 石井雅男, 中澤高清, 三枝信子, 山本哲, 2006 : 「炭素循環および温室効果ガス観測ワークショップ」報告, *天気*, **53**, 293-299.
- 石崎 廣 10-1 *Hirabara, M., H. Ishizaki and I. Ishikawa, 2006: Effects of the westerly wind stress over the Southern Ocean on the meridional overturning and the Antarctic Circumpolar Current, *J. Phys. Oceanogr.*, **37**, 2114-2132.
- 10-2 *Sato, Y., S. Yukimoto, H. Tsujino, H. Ishizaki and A. Noda, 2006: Response of North Pacific ocean circulation in a Kuroshio-resolving ocean model to an Arctic Oscillation (AO)-like change in Northern Hemisphere atmospheric circulation due to greenhouse-gas forcing, *J. Meteor. Soc. Japan*, **84**, 295-309.
- 石元裕史 12-1 石元裕史, 2006: FDTD 法を用いた六角柱 Aggregate 粒子の光散乱計算, *日本リモートセンシング学会誌*, **26**(4), 283-295.
- 12-2 大河原望, 吉崎徳人, 山際龍太郎, 増田一彦, 真野裕三, 石元裕史, 2006: エーロゾルの観測, *気象研究ノート*, **212**, 65-76.
- 伊藤秀美 13-1 *明田川保, 伊藤秀美, 弘瀬冬樹, 2007: X Window System を用いた地震検索・地震活動解析プログラム (REASA) の開発, *験震時報*, **70**, 51-66.

- 13-2 *伊藤秀美, 明田川保, 2007:余震活動解析プログラムの改良, *験震時報*, **70**, 15-28.
- 稲葉守生 14-1 稲葉守生, 小寺邦彦, 2007: 全球大気モデルを用いた 2005 年 12 月の予報における初期値及び下部境界条件依存性, 平成 18 年度「異常気象と長期変動」研究集会報告, 40-44.
- 井上豊志郎 15-1 *Kawamoto, K., T. Inoue, H-J. Lutz and J. Schmetz, 2006: Retrieval of optical thickness and effective particle radius of thin low-level water clouds using the split window of Meteosat-8, *SOLA*, **2**, 144-147.
- 15-2 井上豊志郎, 2006: マルチチャンネルデータの利用, *気象研究ノート*, **212**, 1-32.
- 15-3 井上豊志郎, 2006: Split Window データの応用, *気象研究ノート*, **212**, 33-50.
- 岩切一宏 17-1 *岩切一宏, 増田与志郎, 2007: 2005 年福岡県西方沖の地震による地震動の特徴, *験震時報*, **70**, 1-14.
- 17-2 上野寛, 岩切一宏, 2006: 平成 17 年 (2005 年) 福岡県西方沖の地震調査報告, *気象庁技術報告*, **130**, 18-23.
- 上野 充 18-1 Ueno, M., 2006: Observed and Simulated Relationship between Storm Motion, Vertical Wind Shear and Rainfall Asymmetries in Typhoons, *CAS/JSC WGNE REPORT(Activiteies in Atm. and Oceanic Modeling)*, WMO-TD-No.1347, 2.45-2.46.
- 18-2 台風研究部, 2006: 平成 16 (2004) 年日本上陸台風の概要, *気象研究所技術報告*, **49**, 1-36.
- 18-3 上野充, 2007: 台風コア域構造に波数 1 の非対称をもたらす機構, *月刊海洋*, **39**(3), 216-221.
- 碓氷典久 19-1 *Usui, N., H. Tsujino, Y. Fujii and M. Kamachi, 2006: Short-range prediction experiments of the Kuroshio path variabilities south of Japan, *Ocean Dynamics*, **56**, 607-623.
- 19-2 *Tsujino, H., N. Usui and H. Nakano, 2006: Dynamics of Kuroshio path variations in a high-resolution GCM, *J. Geophys. Res.*, **111**, C11001, doi:10.1029/2005JC003118.
- 19-3 蒲地政文, 碓氷典久, 藤井陽介, 松本聡, 中野俊也, 2006: データ同化プロダクトの評価方法について -GODAE Metrics から-, *海洋*, **38**, 528-535.
- 内山明博 20-1 *Kobayashi, E., A. Uchiyama, A. Yamazaki and K. Matsuse, 2006: Application of the maximum likelihood method to the inversion algorithm for analyzing aerosol optical properties from sun and sky radiance measurements, *J. Meteor. Soc. Japan*, **84**, 1047-1062.
- 20-2 *Mikami, M., G. Y. Shi, I. Uno, S. Yabuki, Y. Iwasaka, M. Yasui, Te. Aoki, T. Y. Tanaka, Y. Kurosaki, K. Masuda, A. Uchiyama, A. Matsuki, T. Sakai, T. Takemi, M. Nakawo, N. Seino, M. Ishizuka, S. Satake, K. Fujita, Y. Hara, K. Kai, S. Kanayama, M. Hayashi, M. Du, Y. Kanai, Y. Yamada, X. Y. Zhang, Z. Shen, H. Zhou, O. Abe, T. Nagai, Y. Tsutsumi, M. Chiba and J. Suzuki, 2006: Aeolian dust experiment on climate impact: An overview of Japan-China joint project ADEC, *Global Planetary Change*, **52**, 142-172, doi:10.1016/j.gloplacha.2006.03.001.
- 20-3 Uchiyama, A., A. Yamazaki, H. Togawa and J. Asano, 2006: Continuous Measurement of aerosol characteristics by ADEC sky-radiometer network, IRS 2004: Current Problems in Atmospheric Radiation, *Proceedings of the International Radiation Symposium, Busan, Korea, Edited by H. Fischer and B.-J. Shon*, 331-334.
- 20-4 *Kimio, A., J. Ishizaka, N. Sugimoto, I. Matsui, A. Shimizu, I. Mori, M. Nishikawa, K. Aoki, A. Uchiyama, A. Yamazaki, H. Togawa and J. Asano, 2006: Yellow Sand Dust Event on 13 April 2003 over Western Kyushu, Japan, *SOLA*, **2**,

- 100.103, doi:10.2151/sola.2006.026.
- 20-5 *Tanaka, T. Y., Te. Aoki, H. Takahashi, K. Shibata, A. Uchiyama and M. Mikami, 2007: Sensitivity study of the optical properties of mineral dust on the direct aerosol radiative perturbation using a global aerosol transport model, *SOLA*, **3**, 033-036, doi:10.2151/sola.2007-009.
- 内山貴雄 21-1 *Kitoh, A. and T. Uchiyama, 2006: Changes in onset and withdrawal of the East Asian summer rainy season by multi-model global warming experiments, *J. Meteor. Soc. Japan*, **84**, 247-258.
- 21-2 *Uchiyama, T., R. Mizuta, K. Kamiguchi, A. Kitoh and A. Noda, 2006: Changes in Temperature-based Extremes Due to Global Warming Projected by a Global 20-km-mesh Atmospheric Model, *SOLA*, **2**, 68-71, doi:10.2151/sola.2006-018.
- 21-3 *W. D. Collins, V. Ramaswamy, M. D. Schwarzkopf, Y. Sun, R. W. Portmann, Q. Fu, S. E. B. Casanova, J. -L. Dufresne, D. W. Fillmore, P. M. D. Forster, V. Y. Galin, L. K. Gohar, W. J. Ingram, D. P. Kratz, M. -P. Lefebvre, J. Li, P. Marquet, V. Oinas, Y. Tsushima, T. Uchiyama and W. Y. Zhong, 2006: Radiative forcing by well-mixed greenhouse gases: Estimate models in the Intergovernmental Panel on Climate Change (IPCC) Fourth Assessment Report(AR4), *J. Geophys. Res.*, **111**, D14317, doi:10.1029/2005JD006713.
- 21-4 *Yukimoto, S., A. Noda, A. Kitoh, M. Hosaka, H. Yoshimura, T. Uchiyama, K. Shibata, O. Arakawa and S. Kusunoki, 2006: Present-day climate and climate sensitivity in the Meteorological Research Institute Coupled GCM version 2.3(MRI-CGCM2.3), *J. Meteor. Soc. Japan*, **84**, 333-363.
- 21-5 *Kamiguchi, K., A. Kitoh, T. Uchiyama, R. Mizuta and A. Noda, 2006: Changes in precipitation-based extremes indices due to global warming projected by a global 20-km-mesh atmospheric model, *SOLA*, **2**, 64-67, doi:10.2151/sola.2006-017.
- 永戸久喜 22-1 *Saito, K., T. Fujita, Y. Yamada, J. Ishida, Y. Kumagai, K. Aranami, S. Ohmori, R. Nagasawa, S. Kumagai, C. Muroi, T. Kato, H. Eito and Y. Yamazaki, 2006: The operational JMA Nonhydrostatic Mesoscale Model, *Mon. Wea. Rev.*, **134**, 1266-1298.
- 大関 誠 23-1 *大関 誠, 2006: スペクトルモデル入門, *気象研究ノート*, **211**, 175pp.
- 岡田菊夫 25-1 *Naoue, H. and K. Okada, 2006: Modification of Sea-Salt Particles in the Remote Marine Atmosphere in the North Pacific, *Pap. Met. Geophys.*, **57**, 47-54.
- 折笠成宏 29-1 *Sakai, T., N. Oriyasa, T. Nagai, M. Murakami, K. Kusunoki, K. Mori, A. Hashimoto, T. Matsumura and T. Shibata, 2006: Optical and Microphysical Properties of Upper Clouds Measured with the Raman Lidar and Hydrometer Videosonde: A Case on 29 March 2004 over Tsukuba, Japan, *J. Atmos. Sci.*, **63**, 2156-2166.
- 29-2 Sakai, T., T. Nagai, M. Nakazato, T. Matsumura, N. Oriyasa and Y. Shoji, 2006: Comparisons of the Raman lidar measurements of the tropospheric water vapor profiles with radiosondes, meteorological observation tower, and GPS at Tsukuba, Japan, *Proceedings of SPIE*, **6367**, 6367D(12pages).
- 29-3 Tajiri, T., M. Murakami, N. Oriyasa, A. Saito and K. Kusunoki, 2006: Laboratory experiments of ice formation in cloud simulation chamber, *Preprints of 12th AMS conference on Cloud Physics*, **12**, 2.53.
- 加藤輝之 31-1 Kato, T., 2006: Budget Analysis of Absolute Vorticity, Simulated by a Nonhydrostatic Model, for the Maintenance Mechanisms of the Intensity of Typhoon SONGDA (T0418) under Traveling over the Sea of Japan. *CAS/JSC Research Activities in Atmospheric and Oceanic Modeling*, **36**, 5.25-5.26.

- 31-2 *Saito, K., T. Fujita, Y. Yamada, J. Ishida, Y. Kumagai, K. Aranami, S. Ohmori, R. Nagasawa, S. Kumagai, C. Muroi, T. Kato, H. Eito and Y. Yamazaki, 2006: The operational JMA Nonhydrostatic Mesoscale Model, *Mon. Wea. Rev.*, **134**, 1266-1298.
- 31-3 中島幸久, 西村修司, 加藤輝之, 初田利雄, 黛美紀男, 野中信英, 小司晶子, 牧野佐知子, 浅野準一, 2006: 水蒸気画像の特徴パターンと顕著気象現象, *気象衛星センター技術報告*, **47**, 1-52.
- 31-4 加藤輝之, 2006: 梅雨前線と集中豪雨, *科学*, **76**, 873-876.
- 31-5 吉崎正憲, 加藤輝之, 2006: 豪雨・豪雪の気象学, 朝倉書店, 187pp.
- 蒲地政文 32-1 *Usui, N., H. Tsujino, Y. Fujii and M. Kamachi, 2006: Short-range prediction experiments of the Kuroshio path variabilities south of Japan, *Ocean Dynamics*, **56**, 607-623.
- 32-2 *蒲地政文, 藤井陽介, 石崎士郎, 松本聡, 中野俊也, 安田珠幾, 2006: 熱帯太平洋での気候変動に関連した海洋データ同化の最近の発展, *統計数理*, **54**(2), 223-245.
- 32-3 蒲地政文, 碓氷典久, 藤井陽介, 松本聡, 中野俊也, 2006: データ同化プロダクトの評価方法について -GODAE Metrics から-, *海洋*, **38**, 528-535.
- 上口賢治 33-1 *Kamiguchi, K., A. Kitoh, T. Uchiyama, R. Mizuta and A. Noda, 2006: Changes in precipitation-based extremes indices due to global warming projected by a global 20-km-mesh atmospheric model, *SOLA*, **2**, 64-67, doi:10.2151/sola.2006-017.
- 33-2 *Uchiyama, T., R. Mizuta, K. Kamiguchi, A. Kitoh and A. Noda, 2006: Changes in Temperature-based Extremes Due to Global Warming Projected by a Global 20-km-mesh Atmospheric Model, *SOLA*, **2**, 68-71, doi:10.2151/sola.2006-018.
- 川畑拓矢 34-1 Kawabata, T., H. Seko, T. Kuroda, K. Tamiya, K. Saito and T. Tsuyuki, 2006: Assimilation Experiment of the Nerima Heavy Rainfall with a Cloud Resolving Nonhydrostatic 4 Dimensional Variational Data Assimilation System, *CAS/JSC WGNE Research Activities in Atmospheric and Oceanic Modelling*, **36**, 1.13-1.14.
- 34-2 川畑拓矢, 瀬古弘, 田宮久一郎, 黒田徹, 斉藤和雄, 露木義, 2006: 第3回天気予報研究会の報告: 雲解像度非静力学4次元変分法データ同化システムを用いた練馬豪雨事例に関するデータ同化実験, *天気*, **53**, 667-668.
- 北島尚子 36-1 *Fujibe, F., N. Kitabatake, K. Bessho and S. Hoshino, 2006: Comparison of Surface-Wind Fields between Typhoon 0418 (Songda) and Typhoon 9119 (Mireille) in Western Japan, *Pap. Met. Geophys.*, **57**, 1-10.
- 36-2 北島尚子, 2007: 台風の温帯低気圧化に関する理解の現状 -主に擾乱構造の多様性に関連して-, *月刊海洋*, **39**(3), 183-187.
- 36-3 台風研究部, 2006: 平成16(2004)年日本上陸台風の概要, *気象研究所技術報告*, **49**, 1-36.
- 36-4 北島尚子, 藤部文昭, 星野俊介, 別所康太郎, 2006: 台風の温帯低気圧化に関する理解の現状とその解析・予報の問題, *測候時報*, **73**, 4-5号合併号, 87-116.
- 鬼頭昭雄 37-1 *Kageyama, M., A. Laine, A. Abe-Ouchi, P. Braconnot, E. Cortijo, M. Crüfifix, A. de Vernal, J. Guiot, C. D. Hewitt, A. Kitoh, M. Kucera, O. Marti, R. Ohgaito, B. Otto-Bliesner, W. R. Peltier, A. Rosell-Mele, G. Vettoretti, S. L. Weber, Y. Yu and MARGO Project Members, 2006: Last Glacial Maximum temperatures over the North Atlantic, Europe and western Siberia: a comparison between PMIP models, MARGO sea-surface temperatures and pollen-based reconstructions, *Quaternary Science Reviews*, **25**, 2082-2102.
- 37-2 *Kamiguchi, K., A. Kitoh, T. Uchiyama, R. Mizuta and A. Noda, 2006: Changes in precipitation-based extremes indices due to global warming projected by a global 20-km-mesh atmospheric model, *SOLA*, **2**, 64-67, doi:10.2151/sola.2006-017.
- 37-3 *Kitoh, A. and T. Uchiyama, 2006: Changes in onset and withdrawal of the East

- Asian summer rainy season by multi-model global warming experiments, *J. Meteor. Soc. Japan*, **84**, 247-258.
- 37-4 *Masson-Delmotte, V., M. Kageyama, P. Braconnot, C. Charbit, G. Krinner, C. Ritz, E. Guilyardi, J. Jouzel, A. Abe-Ouchi, M. Crucifix, R. M. Gladstone, C. D. Hewitt, A. Kitoh, A. N. LeGrande, O. Marti, U. Merkel, T. Motoi, R. Ohgaito, B. Otto-Bliesner, W. R. Peltier, I. Ross, P. J. Valdes, G. Vettoretti, S. L. Weber, F. Wolk and Y. Yu, 2006: Past and future polar amplification of climate change: climate model intercomparisons and ice-core constraints, *Climate Dynamics*, **26**, 513-529.
- 37-5 *Nohara, D., A. Kitoh, M. Hosaka and T. Oki, 2006: Impact of climate change on river discharge projected by multimodel ensemble, *J. Hydrometeor.*, **7**, 1076-1089.
- 37-6 *Sato, T., F. Kimura and A. Kitou, 2007: Projection of global warming onto regional precipitation over Mongolia using a regional climate model, *J. Hydrology*, **333**, 144-154.
- 37-7 *Uchiyama, T., R. Mizuta, K. Kamiguchi, A. Kitoh and A. Noda, 2006: Changes in Temperature-based Extremes Due to Global Warming Projected by a Global 20-km-mesh Atmospheric Model, *SOLA*, **2**, 68-71 , doi:10.2151/sola.2006-018.
- 37-8 *Yukimoto, S., A. Noda, A. Kitoh, M. Hosaka, H. Yoshimura, T. Uchiyama, K. Shibata, O. Arakawa and S. Kusunoki, 2006: Present-day climate and climate sensitivity in the Meteorological Research Institute Coupled GCM version 2.3(MRI-CGCM2.3), *J. Meteor. Soc. Japan*, **84**, 333-363.
- 37-9 *Nakaegawa, T., S. Kusunoki, M. Sugi, A. Kitoh, C. Kobayashi and K. Takano, 2007: A study of dynamical seasonal prediction of potential water resources based on an atmospheric GCM experiment with prescribed sea-surface temperature, *Hydrological Sciences-Journal*, **52**, 152-165.
- 37-10 鬼頭昭雄, 2007: 気候モデルによる気候変化研究～温暖化と古気候の接点～, *低温科学*, **65**, 77-85.
- 37-11 鬼頭昭雄, 中島映至, 小池俊雄, 花輪公雄, 住明正, 野田彰, 2006: IPCC 第1作業部会第4次評価報告書の現状, *天気*, **53**, 589-596.
- 楠 研一 38-1 *Sakai, T., N. Oriyasa, T. Nagai, M. Murakami, K. Kusunoki, K. Mori, A. Hashimoto, T. Matsumura and T. Shibata, 2006: Optical and Microphysical Properties of Upper Clouds Measured with the Raman Lidar and Hydrometer Videosonde: A Case on 29 March 2004 over Tsukuba, Japan, *J. Atmos. Sci.*, **63**, 2156-2166.
- 38-2 Tajiri, T., M. Murakami, N. Oriyasa, A. Saito and K. Kusunoki, 2006: Laboratory experiments of ice formation in cloud simulation chamber, *Preprints of 12th AMS conference on Cloud Physics*, **12**, 2.53.
- 38-3 Kusunoki, K. and W. Mashiko, 2006: Doppler radar investigations of the inner core of Typhoon Songa (2004) Polygonal / elliptical eyewalls, eye contraction, and small-scale spiral bands, *Preprints of 27th Conference on Hurricanes Tropical Meteorology of the American Meteorological Society*, **27**, 4.10.
- 38-4 Kusunoki, K. and K. Irie, 2006: Gravity wave-like structures observed in onshore Typhoon boundary layer of Typhoon Kirogi(2000), *Preprints of 27th Conference on Hurricanes Tropical Meteorology of the American Meteorological Society*, **27**, 4.11.
- 楠 昌司 39-1 *Kusunoki, S., J. Yoshimura, H. Yoshimura, A. Noda, K. Oouchi and R. Mizuta, 2006: Change of Baiu Rain Band in Global Warming Projection by an Atmospheric General Circulation Model with a 20-km Grid Size, *J. Meteor. Soc. Japan*, **84**, 581-611.
- 39-2 *Nakaegawa, T., S. Kusunoki, M. Sugi, A. Kitoh, C. Kobayashi and K. Takano, 2007: A study of dynamical seasonal prediction of potential water resources based on an atmospheric GCM experiment with prescribed sea-surface

- temperature, *Hydrological Sciences-Journal*, **52**, 152-165.
- 39-3 *Oouchi, K., J. Yoshimura, H. Yoshimura, R. Mizuta, S. Kusunoki and A. Noda, 2006: Tropical cyclone climatology in a global-warming climate as simulated in a 20-km-mesh global atmospheric model: Frequency and wind intensity analyses, *J. Meteor. Soc. Japan*, **84**, 259-276.
- 39-4 *Yukimoto, S., A. Noda, A. Kitoh, M. Hosaka, H. Yoshimura, T. Uchiyama, K. Shibata, O. Arakawa and S. Kusunoki, 2006: Present-day climate and climate sensitivity in the Meteorological Research Institute Coupled GCM version 2.3(MRI-CGCM2.3), *J. Meteor. Soc. Japan*, **84**, 333-363.
- 39-5 楠昌司, 2006: 20km 格子全球大気モデルによるオホーツク海高気圧の再現性, *月刊海洋*, 号外 **44**, 49-56.
- 39-6 楠昌司, 吉村純, 吉村裕正, 野田彰, 大内和義, 水田亮, 2006: 20km 格子間隔の大気大循環モデルを用いた地球温暖化実験による梅雨の変化, *グロースベッター*, **44**, 20-33.
- 國井 勝 42-1 Seko, H., Y. Shoji, M. Kunii, K. Saito, Y. Aoyama, 2006: Data Assimilation Experiments using CHAMP Refractivity Data, *CAS/JSC WGENE Research Activities in Atmospheric and Oceanic Modeling*, 1.35-1.36.
- 42-2 台風研究部, 2006: 平成 16 (2004) 年日本上陸台風の概要, *気象研究所技術報告*, **49**, 1-36.
- 42-3 小司禎教, 國井勝, 2007: 地上 GPS: 準リアルタイム解析データの同化実験, *気象庁予報部数値予報課報告・別冊第 53 号*, 147-152.
- 高野洋雄 47-1 Kohno, N., A. Murata and W. Mashiko, 2006: The impact of roughness changes by sea state under typhoon fields, *Proc.of 9th Int. Workshop on Wave Hindcasting and Forecasting*, **C2**, 1-8. (<http://www.waveworkshop.org/9thWaves/Papers/Kohno.pdf>)
- 47-2 *Kohno, N. and M. Higaki, 2006: The Development of a Storm Surge Model Including the Effect of Wave set-up for Operational Forecasting, *Pap. Met. Geophys.*, **57**, 11-19.
- 47-3 *高野洋雄, 鎌倉和夫, 峯松宏明, 依岡幸広, 久重和久, 清水栄一, 佐藤祐一, 福永昭史, 谷脇由彦, 谷條薫一, 2006: 2004 年の台風第 16 号 (Chaba)による瀬戸内海における高潮の発生メカニズム, *天気*, **53(11)**, 845-856.
- 47-4 台風研究部, 2006: 平成 16 (2004) 年日本上陸台風の概要, *気象研究所技術報告*, **49**, 1-36.
- 47-5 高野洋雄, 2007: 海面状態 (波浪) の台風強度に対する影響, *月刊海洋*, **39(3)**, 170-176.
- 小林昭夫 48-1 *Yoshida, A., K. Hosono, T. Tsukakoshi, A. Kobayashi, H. Takayama and W. Stefan, 2006: Change in seismic activity in the Tokai region related to weakening and strengthening of the interplate coupling, *Tectonophysics*, **417**, 17-31.
- 48-2 *小林昭夫, 2007: GPS 東海地域 6 時間解析値の面的監視, *験震時報*, **70**, 67-72.
- 48-3 *小林昭夫, 山本剛靖, 中村浩二, 木村一洋, 2006: 歪計により観測された東海地域の短期的スロースリップ, *地震*, **59**, 19-27.
- 小林隆久 49-1 *Bringi, V. N., M. Thurai, K. Nakagawa, G. J. Huang, T. Kobayashi, A. Adachi, H. Hanado and S. Sekizawa, 2006: Rainfall estimation from C-band polarimetric radar in Okinawa, Japan: Comparisons with 2D-video disdrometer and 400MHz wind profiler, *J. Meteor. Soc. Japan*, **84**, 705-724.
- 49-2 Kobayashi, T. and A. Adachi, 2006: Precipitation and Cloud Properties derived form Synergetic use of the TRMM Sensors, *Remote Sensing and Modeling of the Atmosphere, Oceans, and Inteactions, proceeding of SPIE*, 72-79.
- 49-3 Kobayashi, T. and A. Adachi, 2006: Precipitation and Cloud Properties derived form Synergetic use of the TRMM Sensors, *Remote Sensing and Modeling of the Atmosphere, Oceans, and Inteactions, proceeding of SPIE*, 72-79.

- 斎藤篤思 51-1 Tajiri, T., M. Murakami, N. Orikasa, A. Saito and K. Kusunoki, 2006: Laboratory experiments of ice formation in cloud simulation chamber, *Preprints of 12th AMS conference on Cloud Physics*, **12**, 2.53.
- 斉藤和雄 52-1 *Saito, K., T. Fujita, Y. Yamada, J. Ishida, Y. Kumagai, K. Aranami, S. Ohmori, R. Nagasawa, S. Kumagai, C. Muroi, T. Kato, H. Eito and Y. Yamazaki, 2006: The operational JMA Nonhydrostatic Mesoscale Model, *Mon. Wea. Rev.*, **134**, 1266-1298.
- 52-2 *Nagasawa, R., T. Iwasaki, S. Asano, K. Saito and H. Okamoto, 2006: A Numerical Study of the Low-Level Cloud Formation in "Yamase" with a Non-hydrostatic Multi-nested Regional Model, *J. Meteor. Soc. Japan*, **84**, 969-987.
- 52-3 Saito, K., M. Kyouda and M. Yamaguchi, 2006: Mesoscale ensemble prediction experiment of a heavy rain event with the JMA mesoscale model, *CAS/JSC WGNE Research Activities in Atmospheric and Oceanic Modelling*, **36**, 5.49-5.50.
- 52-4 Seko, H., J.-I. Furumoto, M. Sasaoka, K. Saito, T. Tsuyuki, 2006: Data Assimilation Experiments of Vertical Gradient of Refractivity Observed by Wind Profiler Network, *CAS/JSC WGNE Research Activities in Atmospheric and Oceanic Modeling*, 1.33-1.34.
- 52-5 Seko, H., Y. Shoji, M. Kunii, K. Saito, Y. Aoyama, 2006: Data Assimilation Experiments using CHAMP Refractivity Data, *CAS/JSC WGNE Research Activities in Atmospheric and Oceanic Modeling*, 1.35-1.36.
- 52-6 Seko, H., Y. Kumahara and K. Saito, 2006: Line-shaped Convective Band Developed Over the Osaka Plain, *CAS/JSC WGNE Research Activities in Atmospheric and Oceanic Modelling*, **36**, 5.53-5.54.
- 52-7 Kawabata, T., H. Seko, T. Kuroda, K. Tamiya, K. Saito and T. Tsuyuki, 2006: Assimilation Experiment of the Nerima Heavy Rainfall with a Cloud Resolving Nonhydrostatic 4 Dimensional Variational Data Assimilation System, *CAS/JSC WGNE Research Activities in Atmospheric and Oceanic Modelling*, **36**, 1.13-1.14.
- 52-8 川畑拓矢, 瀬古弘, 田宮久一郎, 黒田徹, 斉藤和雄, 露木義, 2006: 第3回天気予報研究会の報告: 雲解像度非静力学4次元変分法データ同化システムを用いた練馬豪雨事例に関するデータ同化実験, *天気*, **53**, 667-668.
- 52-9 余田成男, 斉藤和雄, 里村雄彦, 瀬古弘, 坪木和久, 堀之内武, 2006: 熱帯気象・気候予測のための領域モデルに関する国際ワークショップ報告, *天気*, **53**, 629-633.
- 52-10 斉藤和雄, 山口宗彦, 経田正幸, 2006: メソモデルによる台風事例のアンサンブル予報ダウンスケール実験, *月刊海洋*, **38**, 732-739.
- 52-11 斉藤和雄, 2006: メソ数値予報の現状と課題, 平成17年度戦略的創造研究推進事業(CREST)研究成果報告書「雲解像モデルの予測精度向上に対する大気海洋相互作用の影響等に関する研究調査」, 地球科学技術総合推進機構, 38-47.
- 52-12 斉藤和雄, 2006: 世界のメソモデルと雲解像モデル, 平成17年度戦略的創造研究推進事業(CREST)研究成果報告書「雲解像モデルの予測精度向上に対する大気海洋相互作用の影響等に関する研究調査」, 地球科学技術総合推進機構, 103-113.
- 52-13 斉藤和雄, 岩崎俊樹, 佐藤正樹, 本田有機, 加藤輝之, 栗原和夫, 余偉明, 新野宏, 2007: 第8回非静力学モデルに関するワークショップの報告, *天気*, **54**, 255-260.
- 坂井孝行 54-1 *山崎明, 坂井孝行, 2006: 地形の影響を考慮した茂木モデルによるピエゾ磁気効果, *Pap. Met. Geophys.*, **57**, 21-36.
- 酒井 哲 55-1 *Mikami, M., G. Y. Shi, I. Uno, S. Yabuki, Y. Iwasaka, M. Yasui, Te. Aoki, T. Y. Tanaka, Y. Kurosaki, K. Masuda, A. Uchiyama, A. Matsuki, T. Sakai, T. Takemi, M. Nakawo, N. Seino, M. Ishizuka, S. Satake, K. Fujita, Y. Hara, K. Kai, S. Kanayama, M. Hayashi, M. Du, Y. Kanai, Y. Yamada, X. Y. Zhang, Z. Shen, H. Zhou, O. Abe, T. Nagai, Y. Tsutsumi, M. Chiba and J. Suzuki, 2006: Aeolian dust experiment on climate impact: An overview of Japan-China joint project ADEC,

- Global Planetary Change*, **52**, 142-172, doi:10.1016/j.gloplacha.2006.03.001.
- 55-2 *Sakai, T., N. Orikasa, T. Nagai, M. Murakami, K. Kusunoki, K. Mori, A. Hashimoto, T. Matsumura and T. Shibata, 2006: Optical and Microphysical Properties of Upper Clouds Measured with the Raman Lidar and Hydrometer Videosonde: A Case on 29 March 2004 over Tsukuba, Japan, *J. Atmos. Sci.*, **63**, 2156-2166.
- 55-3 Sakai, T., T. Nagai, M. Nakazato, T. Matsumura, N. Orikasa and Y. Shoji, 2006: Comparisons of the Raman lidar measurements of the tropospheric water vapor profiles with radiosondes, meteorological observation tower, and GPS at Tsukuba, Japan, *Proceedings of SPIE*, **6367**, 6367D(12pages) .
- 55-4 *Tsunematsu, N., T. Sakai and T. Nagai, 2006: Strong capping inversion over the Tokyo metropolitan area associated with airborne Asian dust, *Geophys. Res. Lett.*, **33**, L19806 , doi:10.1029/2006GL026645.
- 澤 庸介 58-1 *Igarashi, Y., Y. Sawa, K. Yoshioka, H. Takahashi, H. Matsueda and Y. Dokiya, 2006: Seasonal variation in SO₂ plume transport over Japan: observations at the summit of Mt. Fuji from winter to summer, *Atmos. Environ.*, **40**, 7018-7033.
- 58-2 *Inoue, H. Y., H. Matsueda, Y. Igarashi, Y. Sawa, A. Wada, K. Nemoto, H. Sartorius and C. Schellosser, 2006: Seasonal and long-term variations in atmospheric CO₂ and ⁸⁵Kr in Tsukuba, Central Japan, *J. Meteor. Soc. Japan*, **84**(6), 959-968.
- 篠田佳宏 59-1 Igarashi, Y., M. Aoyama, K. Hirose and Y. Shinoda, 2006: Temporal and spatial variation in radioactivity deposition in Japan-Influence of the Asian dust-Kosa, *Proc. the International Sympo on Environmental Modeling and Radioecology*, 150-156.
- 柴田清孝 60-1 *Butchart, N., A. A. Scaife, M. Bourqui, J. de Grandpre, S. H. E. Hare, J. Kettleborough, U. Langematz, E. Manzini, F. Sassi, K. Shibata, D. Shindell and M. Sigmond, 2006: Simulation of anthropogenic change in the strength of the Brewer-Dobson circulation, *Climate Dynamics*, **27**, 727-741.
- 60-2 *Charlton, J. A., L. M. Polvani, J. Perlwitz, F. Sassi, E. Manzini, K. Shibata, S. Pawson, J. E. Nielsen and D. Rind, 2007: A new look at stratospheric sudden warmings. Part II. Evaluation of numerical model simulations, *J. Climate*, **20**, 470-480.
- 60-3 *Eyring, V., N. Butchart, D. W. Waugh, H. Akiyoshi, J. Austin, S. Bekki, G. E. Bodeker, B. A. Boville, C. Bruhl, M. P. Chipperfield, E. Cordero, M. Dameris, M. Deushi, V. E. Fioletov, S. M. Frith, R. R. Garcia, A. Gettelman, M. A. Giorgetta, V. Grewe, L. Jourdain, D. E. Kinnison, E. Mancini, E. Manzini, M. Marchand, D. R. Marsh, T. Nagashima, P. A. Newman, J. E. Nielsen, S. Pawson, G. Pitari, D. A. Plummer, E. Rozanov, M. Schraner, T. G. Shepherd, K. Shibata, R. S. Stolarski, H. Struthers, W. Tian and M. Yoshiki, 2006: Assessment of temperature, trace species and ozone in chemistry-climate model simulations of the recent past, *J. Geophys. Res.*, **111**, D22308, doi:10.1029/2006JD007327.
- 60-4 *Kodera, K. and K. Shibata, 2006: Solar influence on the tropical stratosphere and troposphere in the northern summer, *Geophys. Res. Lett.*, **33**, L19704, doi:10.1029/2006GL026659.
- 60-5 *Li, J. and K. Shibata, 2006: On the effective solar pathlength, *J. Atmos. Sci.*, **63**, 1365-1373.
- 60-6 Matthes, K., K. Kodera, L. Gray, J. Austin, A. Kubin, U. Langematz, D. Marsh, J. McCormack, K. Shibata and D. Shindell, 2006: Report on the first SOLARIS workshop, *SPARC Newsletter*, **28**, 19-22.
- 60-7 *Sekiyama, T. T., K. Shibata, M. Deushi, K. Kodera and J. L. Lean, 2006: Stratospheric ozone variation induced by the 11-year solar cycle: Recent 22-year simulation using 3-D chemical transport model with reanalysis data, *Geophys.*

- Res. Lett.*, **33**, L17812, doi:10.1029/2006GL026711.
- 60-8 Shibata, K. and M. Deushi, 2006: Radiative effect of ozone on the relation between dynamical field and ozone in the QBO: Simulation by the stratospheric chemical transport model of Meteorological Research Institute, *CGER's Supercomputer Activity Report*, **13**, 19-24.
- 60-9 *Yukimoto, S., A. Noda, A. Kitoh, M. Hosaka, H. Yoshimura, T. Uchiyama, K. Shibata, O. Arakawa and S. Kusunoki, 2006: Present-day climate and climate sensitivity in the Meteorological Research Institute Coupled GCM version 2.3(MRI-CGCM2.3), *J. Meteor. Soc. Japan*, **84**, 333-363.
- 60-10 *Tanaka, T. Y., Te. Aoki, H. Takahashi, K. Shibata, A. Uchiyama and M. Mikami, 2007: Sensitivity study of the optical properties of mineral dust on the direct aerosol radiative perturbation using a global aerosol transport model, *SOLA*, **3**, 033-036, doi:10.2151/sola.2007-009.
- 小司禎教 61-1 Sakai, T., T. Nagai, M. Nakazato, T. Matsumura, N. Orikasa and Y. Shoji, 2006: Comparisons of the Raman lidar measurements of the tropospheric water vapor profiles with radiosondes, meteorological observation tower, and GPS at Tsukuba, Japan, *Proceedings of SPIE*, **6367**, 6367D(12pages).
- 61-2 Seko, H., Y. Shoji, M. Kunii, K. Saito, Y. Aoyama, 2006: Data Assimilation Experiments using CHAMP Refractivity Data, *CAS/JSC WGNE Research Activities in Atmospheric and Oceanic Modeling*, 1.35-1.36.
- 61-3 小司禎教, 國井勝, 2007: 地上 GPS: 準リアルタイム解析データの同化実験, 気象庁予報部数値予報課報告・別冊第 53 号, 147-152.
- 61-4 瀬古弘, 小司禎教, 2007: メソ解析に対する屈折率の同化, 気象庁予報部数値予報課報告・別冊第 53 号, 140-146.
- 杉 正人 63-1 *Yoshimura, J., M. Sugi and A. Noda, 2006: Influence of Greenhouse Warming on Tropical Cyclone Frequency, *J. Meteor. Soc. Japan*, **84**, 405-428.
- 63-2 *Nakaegawa, T., S. Kusunoki, M. Sugi, A. Kitoh, C. Kobayashi and K. Takano, 2007: A study of dynamical seasonal prediction of potential water resources based on an atmospheric GCM experiment with prescribed sea-surface temperature, *Hydrological Sciences-Journal*, **52**, 152-165.
- 63-3 杉正人, 2006: 地球温暖化で台風はどうか, 日本気象学会 2006 年度秋季大会シンポジウム講演要旨集, 29-34.
- 鈴木 修 64-1 *Yamauchi, H., O. Suzuki and K. Akaeda, 2006: A hybrid multi-PRI method to dealias Doppler velocities, *SOLA*, **2**, 92-95, doi:doi:10.2151/sola.2006-024.
- 64-2 宮城弘守, 鈴木修, 佐々浩司, 2006: 阿蘇谷に現れた非スーパーセル竜巻, 日本風工学会誌, **31**(4), 巻頭カラーページ.
- 清野直子 65-1 *Mikami, M., G.Y. Shi, I. Uno, S. Yabuki, Y. Iwasaka, M. Yasui, T. Aoki, T. Y. Tanaka, Y. Kurosaki, K. Masuda, A. Uchiyama, A. Matsuki, T. Sakai, T. Takemi, M. Nakawo, N. Seino, M. Ishizuka, S. Satake, K. Fujita, Y. Hara, K. Kai, S. Kanayama, M. Hayashi, M. Du, Y. Kanai, Y. Yamada, X. Y. Zhang, Z. Shen, H. Zhou, O. Abe, T. Nagai, Y. Tsutsumi, M. Chiba and J. Suzuki, 2006: Aeolian dust experiment on climate impact: An overview of Japan-China joint project ADEC, *Global Planetary Change*, **52**, 142-172, doi:10.1016/j.gloplacha.2006.03.001.
- 関山 剛 66-1 *Sekiyama, T. T., K. Shibata, M. Deushi, K. Kodera and J. L. Lean, 2006: Stratospheric ozone variation induced by the 11-year solar cycle: Recent 22-year simulation using 3-D chemical transport model with reanalysis data, *Geophys. Res. Lett.*, **33**, L17812, doi:10.1029/2006GL026711.
- 瀬古 弘 67-1 Seko, H., J.-I. Furumoto, M. Sasaoka, K. Saito, T. Tsuyuki, 2006: Data Assimilation Experiments of Vertical Gradient of Refractivity Observed by Wind Profiler Network,

CAS/JSC WGNE Research Activities in Atmospheric and Oceanic Modeling, 1.33-1.34.

- 67-2 Seko, H., Y. Shoji, M. Kunii, K. Saito, Y. Aoyama, 2006: Data Assimilation Experiments using CHAMP Refractivity Data, *CAS/JSC WGNE Research Activities in Atmospheric and Oceanic Modeling*, 1.35-1.36.
- 67-3 Kawabata, T., H. Seko, T. Kuroda, K. Tamiya, K. Saito and T. Tsuyuki, 2006: Assimilation Experiment of the Nerima Heavy Rainfall with a Cloud Resolving Nonhydrostatic 4 Dimensional Variational Data Assimilation System, *CAS/JSC WGNE Research Activities in Atmospheric and Oceanic Modelling*, **36**, 1.13-1.14.
- 67-4 Seko, H., Y. Kumahara and K. Saito, 2006: Line-shaped Convective Band Developed Over the Osaka Plain, *CAS/JSC WGNE Research Activities in Atmospheric and Oceanic Modelling*, **36**, 5.53-5.54.
- 67-5 川畑拓矢, 瀬古弘, 田宮久一郎, 黒田徹, 斉藤和雄, 露木義, 2006: 第3回天気予報研究会の報告: 雲解像度非静力学4次元変分法データ同化システムを用いた練馬豪雨事例に関するデータ同化実験, *天気*, **53**, 667-668.
- 67-6 余田成男, 斉藤和雄, 里村雄彦, 瀬古弘, 坪木和久, 堀之内武, 2006: 熱帯気象・気候予測のための領域モデルに関する国際ワークショップ報告, *天気*, **53**, 629-63.
- 67-7 瀬古弘, 小司禎教, 2007: メソ解析に対する屈折率の同化, *気象庁予報部数値予報課報告・別冊第53号*, 140-146.
- 67-8 瀬古弘, 2006: メソ観測データの同化実験, *気象庁技術報告第129号*, 191-196.
- 67-9 瀬古弘, 熊原義正, 斉藤和雄, 2006: 2003年4月8日に発生した淀川チャネル降水帯の衰弱や移動と環境との関係, *天気*, **53**, 663-664.
- 高木朗充 68-1 *及川純, 鍵山恒臣, 田中聡, 宮町宏樹, 筒井智樹, 池田靖, 潟山弘明, 松尾訓道, 大島弘光, 西村裕一, 山本圭吾, 渡辺俊樹, 山崎文人, 渡辺秀文, 藤井敏嗣, 中田節也, 武尾実, 大湊隆雄, 金子隆之, 吉本充宏, 竹田豊太郎, 小山悦郎, 長田昇, 坂守, 羽田敏夫, 橋本信一, 辻浩, 井本良子, 増谷文雄, 嶋野岳人, 古川晃子, 鷺谷威, 藤井巖, 林能成, 宮島力男, 山田守, 奥田隆, 伊藤武雄, 橋本武志, 前川徳光, 鈴木淳生, 伊藤拓, 三浦康, 植木貞人, 西村太志, 仁田交市, 佐藤峰司, 下村陽一, 野上健治, 鬼澤真也, 小山田浩子, 舟崎淳, 近澤心, 藤原健治, 濱田信生, 青木元, 高木朗充, 山本哲也, 林豊, 金尾政紀, 山下幹也, 清水洋, 渡邊篤志, 是永将宏, 大倉敬宏, 吉川慎, 池田さや香, 井口正人, 為栗健, 八木原寛, 平野舟一郎, 2007: 富士山における人工地震探査観測および走時の読み取り-, *地震研究所彙報*, **81号第1冊**, 71-94.
- 高橋清利 69-1 *Kamahori, H., N. Yamazaki, N. Mannoji and K. Takahashi, 2006: Variability in Intense Tropical Cyclone Days in the Western North Pacific, *SOLA*, **2**, 104-107, doi:10.2151/sola.2006-027.
- 69-2 *Takahashi, K., N. Yamazaki and H. Kamahori, 2006: Trends of heavy precipitation events in global observation and reanalysis datasets, *SOLA*, **2**, 96-99, doi:10.2151/sola.2006-025.
- 高橋 宙 70-1 *Tanaka, T. Y., Te. Aoki, H. Takahashi, K. Shibata, A. Uchiyama and M. Mikami, 2007: Sensitivity study of the optical properties of mineral dust on the direct aerosol radiative perturbation using a global aerosol transport model, *SOLA*, **3**, 033-036, doi:10.2151/sola.2007-009.
- 70-2 *Igarashi, Y., Y. Sawa, K. Yoshioka, H. Takahashi, H. Matsueda and Y. Dokiya, 2006: Seasonal variation in SO₂ plume transport over Japan: observations at the summit of Mt. Fuji from winter to summer, *Atmos. Environ.*, **40**, 7018-7033.
- 高山寛美 72-1 林豊, 濱田信生, 倉賀野連, 桜井敏之, 高山寛美, 長谷川洋平, 平田賢治, 2006: スマトラ島沖地震に伴うジオイド高変化の衛星海面高度計による検出, *月刊地球*, 号外**56**, 32-37.
- 高山博之 73-1 *Yoshida, A., K. Hosono, T. Tsukakoshi, A. Kobayashi, H. Takayama and W. Stefan, 2006: Change in seismic activity in the Tokai region related to weakening and

strengthening of the interplate coupling, *Tectonophysics*, **417**, 17-31.

- 田尻拓也 76-6 Tajiri, T., M. Murakami, N. Orikasa, A. Saito and K. Kusunoki, 2006: Laboratory experiments of ice formation in cloud simulation chamber, *Preprints of 12th AMS conference on Cloud Physics*, **12**, 2.53.
- 田中泰宙 78-1 *Uno, I., Z. Wang, M. Chiba, Y. S. Chun, S. L. Gong, Y. Hara, E. Jung, S. S. Lee, M. Liu, M. Mikami, S. Music, S. Nickovic, S. Satake, Y. Shao, Z. Song, N. Uchimoto, T. Tanaka and D. Westphal, 2006: Dust model intercomparison (DMIP) study over Asia - Overview, *J. Geophys. Res.*, **111**, D12213, doi:doi:10.1029/2005JD006575.
- 78-2 *Mikami, M., G. Y. Shi, I. Uno, S. Yabuki, Y. Iwasaka, M. Yasui, Te. Aoki, T. Y. Tanaka, Y. Kurosaki, K. Masuda, A. Uchiyama, A. Matsuki, T. Sakai, T. Takemi, M. Nakawo, N. Seino, M. Ishizuka, S. Satake, K. Fujita, Y. Hara, K. Kai, S. Kanayama, M. Hayashi, M. Du, Y. Kanai, Y. Yamada, X. Y. Zhang, Z. Shen, H. Zhou, O. Abe, T. Nagai, Y. Tsutsumi, M. Chiba and J. Suzuki, 2006: Aeolian dust experiment on climate impact: An overview of Japan-China joint project ADEC, *Global Planetary Change*, **52**, 142-172, doi:10.1016/j.gloplacha.2006.03.001.
- 78-3 Tanaka T. Y., 2006: Current status of yellow sand forecasting research, *TCC news*, **5**, 6-7.
- 78-4 *Tanaka, T. Y., Te. Aoki, H. Takahashi, K. Shibata, A. Uchiyama and M. Mikami, 2007: Sensitivity study of the optical properties of mineral dust on the direct aerosol radiative perturbation using a global aerosol transport model, *SOLA*, **3**, 033-036, doi:10.2151/sola.2007-009.
- 78-5 *Tanaka, T. Y. and M. Chiba, 2006: A numerical study of the contributions of dust source regions to the global dust budget, *Global and Planetary Change*, **52**, 88-104, doi:10.1016/j.gloplacha.2006.02.002.
- 78-6 Lee, H. N., Y. Igarashi, M. Chiba, M. Aoyama, K. Hirose and T. Tanaka, 2006: Global model simulations of the transport of Asian and Sahara dust: Total deposition of dust mass in Japan, *Water, Air, and Soil Pollution*, **169**(1-4), 137-166.
- 千葉 長 80-1 *Mikami, M., G. Y. Shi, I. Uno, S. Yabuki, Y. Iwasaka, M. Yasui, T. Aoki, T. Y. Tanaka, Y. Kurosaki, K. Masuda, A. Uchiyama, A. Matsuki, T. Sakai, T. Takemi, M. Nakawo, N. Seino, M. Ishizuka, S. Satake, K. Fujita, Y. Hara, K. Kai, S. Kanayama, M. Hayashi, M. Du, Y. Kanai, Y. Yamada, X. Y. Zhang, Z. Shen, H. Zhou, O. Abe, T. Nagai, Y. Tsutsumi, M. Chiba and J. Suzuki, 2006: Aeolian dust experiment on climate impact: An overview of Japan-China joint project ADEC, *Global Planetary Change*, **52**, 142-172, doi:10.1016/j.gloplacha.2006.03.001.
- 80-2 *Uno, I., Z. Wang, M. Chiba, Y. S. Chun, S. L. Gong, Y. Hara, E. Jung, S. S. Lee, M. Liu, M. Mikami, S. Music, S. Nickovic, S. Satake, Y. Shao, Z. Song, N. Uchimoto, T. Tanaka and D. Westphal, 2006: Dust model intercomparison (DMIP) study over Asia - Overview, *J. Geophys. Res.*, **111**, D12213, doi:10.1029/2005JD006575.
- 80-3 *Tanaka, T. Y. and M. Chiba, 2006: A numerical study of the contributions of dust source regions to the global dust budget, *Global and Planetary Change*, **52**, 88-104, doi:10.1016/j.gloplacha.2006.02.002.
- 80-4 *猪股弥生, 五十嵐康人, 千葉長, 青山道夫, 廣瀬勝己, 山澤弘実, 飯田孝, 2007: 降水時におけるガンマ線線量率上昇事象の再現期間の推定, *保健物理*, **42** (1), 44- 51.
- 80-5 猪股弥生, 五十嵐康人, 千葉長, 青山道夫, 広瀬勝己, 2007: 降水時におけるガンマ線線量率上昇事象の再現期間の推定, *Proceedings of the Eighth Workshop on Environmental Radioactivity*.
- 忠鉢 繁 81-1 忠鉢繁ほか, 2006: 共同監修 南極大図鑑, 小学館, pp208.
- 辻野博之 82-1 *Sato, Y., S. Yukimoto, H. Tsujino, H. Ishizaki and A. Noda, 2006: Response of North Pacific ocean circulation in a Kuroshio-resolving ocean model to an Arctic

- Oscillation (AO)-like change in Northern Hemisphere atmospheric circulation due to greenhouse-gas forcing, *J. Meteor. Soc. Japan*, **84**, 295-309.
- 82-2 *Tsujino, H., N. Usui and H. Nakano, 2006: Dynamics of Kuroshio path variations in a high-resolution GCM, *J. Geophys. Res.*, **111**, C11001, doi:10.1029/2005JC003118.
- 82-3 *Usui, N., H. Tsujino, Y. Fujii and M. Kamachi, 2006: Short-range prediction experiments of the Kuroshio path variabilities south of Japan, *Ocean Dynamics*, **56**, 607-623.
- 出牛 真 83-1 *Eyring, V., N. Butchart, D. W. Waugh, H. Akiyoshi, J. Austin, S. Bekki, G. E. Bodeker, B. A. Boville, C. Bruhl, M. P. Chipperfield, E. Cordero, M. Dameris, M. Deushi, V. E. Fioletov, S. M. Frith, R. R. Garcia, A. Gettelman, M. A. Giorgetta, V. Grewe, L. Jourdain, D. E. Kinnison, E. Mancini, E. Manzini, M. Marchand, D. R. Marsh, T. Nagashima, P. A. Newman, J. E. Nielsen, S. Pawson, G. Pitari, D. A. Plummer, E. Rozanov, M. Schraner, T. G. Shepherd, K. Shibata, R. S. Stolarski, H. Struthers, W. Tian and M. Yoshiki, 2006: Assessment of temperature, trace species and ozone in chemistry-climate model simulations of the recent past, *J. Geophys. Res.*, **111**, D22308, doi:10.1029/2006JD007327.
- 83-2 *Sekiyama, T. T., K. Shibata, M. Deushi, K. Kodera and J. L. Lean, 2006: Stratospheric ozone variation induced by the 11-year solar cycle: Recent 22-year simulation using 3-D chemical transport model with reanalysis data, *Geophys. Res. Lett.*, **33**, L17812, doi:10.1029/2006GL026711.
- 83-3 Shibata, K. and M. Deushi, 2006: Radiative effect of ozone on the relation between dynamical field and ozone in the QBO: Simulation by the stratospheric chemical transport model of Meteorological Research Institute, *CGER's Supercomputer Activity Report*, **13**, 19-24.
- 時枝隆之 85-1 *三浦誓也, 貝森優希, 工藤英嗣, 野呂幸男, 時枝隆之, 廣瀬勝己, 2007: 青森県における大気中クリンプトン-85濃度調査, *青森県原子力センター所報*, **1**, 43-44.
- 直江寛明 86-1 *Naoue, H. and K. Okada, 2006: Modification of Sea-Salt Particles in the Remote Marine Atmosphere in the North Pacific, *Pap. Met. Geophys.*, **57**, 47-54.
- 永井智広 87-1 *Mikami, M., G. Y. Shi, I. Uno, S. Yabuki, Y. Iwasaka, M. Yasui, Te. Aoki, T.Y. Tanaka, Y. Kurosaki, K. Masuda, A. Uchiyama, A. Matsuki, T. Sakai, T. Takemi, M. Nakawo, N. Seino, M. Ishizuka, S. Satake, K. Fujita, Y. Hara, K. Kai, S. Kanayama, M. Hayashi, M. Du, Y. Kanai, Y. Yamada, X. Y. Zhang, Z. Shen, H. Zhou, O. Abe, T. Nagai, Y. Tsutsumi, M. Chiba and J. Suzuki, 2006: Aeolian dust experiment on climate impact: An overview of Japan-China joint project ADEC, *Global Planetary Change*, **52**, 142-172, doi:10.1016/j.gloplacha.2006.03.001.
- 87-2 *Sakai, T., N. Orikasa, T. Nagai, M. Murakami, K. Kusunoki, K. Mori, A. Hashimoto, T. Matsumura and T. Shibata, 2006: Optical and Microphysical Properties of Upper Clouds Measured with the Raman Lidar and Hydrometer Videosonde: A Case on 29 March 2004 over Tsukuba, Japan, *J. Atmos. Sci.*, **63**, 2156-2166.
- 87-3 Sakai, T., T. Nagai, M. Nakazato, T. Matsumura, N. Orikasa and Y. Shoji, 2006: Comparisons of the Raman lidar measurements of the tropospheric water vapor profiles with radiosondes, meteorological observation tower, and GPS at Tsukuba, Japan, *Proceedings of SPIE*, **6367**, 6367D(12pages).
- 87-4 *Tsunematsu, N., T. Sakai and T. Nagai, 2006: Strong capping inversion over the Tokyo metropolitan area associated with airborne Asian dust, *Geophys. Res. Lett.*, **33**, L19806, doi:10.1029/2006GL026645.
- 仲江川敏之 88-1 *Nakaegawa, T., 2006: Detectability assessment of interannual variations in terrestrial water storage from satellite gravimetry using an offline land surface

- model simulation, *Hydrological Processes*, **20**, 1347-1464.
- 88-2 *Nakaegawa, T. and M. Hosaka, 2006: Potential Predictability of Seasonal Mean River Discharge in Dynamical Ensemble Prediction using MRI/JMA GCM, *SOLA*, **2**, 112-115.
- 88-3 *Nakaegawa, T., S. Kusunoki, M. Sugi, A. Kitoh, C. Kobayashi and K. Takano, 2007: A study of dynamical seasonal prediction of potential water resources based on an atmospheric GCM experiment with prescribed sea-surface temperature, *Hydrological Sciences-Journal*, **52**, 152-165.
- 88-4 *Yamamoto, K, Y. Fukuda, T. Nakaegawa and J. Nishijima, 2007: Landwater variation of 4 major river basins in the Indochina peninsula revealed by GRACE, *Earth, Planet, and Space*, **59**, 193-200.
- 88-5 *仲江川敏之 2007, アンサンブル実験に基づく東アジア地域の確率年最大月降水量の推定, *土木学会水工学論文集*, **51**,12-20.
- 中里真久 90-1 Sakai, T., T. Nagai, M. Nakazato, T. Matsumura, N. Orikasa and Y. Shoji, 2006: Comparisons of the Raman lidar measurements of the tropospheric water vapor profiles with radiosondes, meteorological observation tower, and GPS at Tsukuba, Japan, *Proceedings of SPIE*, **6367**, 6367D(12pages).
- 中澤哲夫 91-1 *Nakazawa, T., 2006: Madden-Julian oscillation activity and typhoon landfall on Japan in 2004, *SOLA*, **2**, 136-139, doi:10.2151/sola.2006-035.
- 91-2 *Tao, W.-K., E. A. Smith, R. F. Adler, Z. S. Haddad, A. Y. Hou, T. Iguchi, R. Kakar, T. N. Krishnamurti, C. D. Dummerow, S. Lang, R. Meneghini, K. Nakamura, T. Nakazawa, K. Okamoto, W. S. Olson, S. Satoh, S. Shige, J. Simpson, Y. Takayabu, G. J. Tripoli and S. Yang, 2006: Retrieval of latent heating from TRMM measurements, *Bull. Amer. Meteor. Soc.*, **87**, 1555-1572.
- 91-3 K. Bessho, T. Nakazawa, S. Nishimura, K. Kato and S. Hoshino, 2006: Statistical analysis of organized cloud clusters on western North Pacific and their warm core structure, *Preprints of 27th Conference on Hurricanes Tropical Meteorology of the American Meteorological Society*, CD-ROM, 9B.6.
- 91-4 台風研究部, 2006: 平成 16 (2004) 年日本上陸台風の概要, *気象研究所技術報告*, **49**, 1-36.
- 91-5 中澤哲夫, K. Rajendran, 2006: 北西太平洋の循環場と日本への台風接近・上陸との関係, *月刊海洋*, **38**(10), 678-687.
- 91-6 別所康太郎, 中澤哲夫, 西村修司, 加藤浩司, 2007: 台風へ発達する可能性のあるクラウドクラスターとその温暖核構造, *第 56 回理論応用力学講演会 講演論文集*, 37-40.
- 91-7 別所康太郎, 中澤哲夫, 西村修司, 加藤浩司, 2007: 台風へ発達する可能性のあるクラウドクラスターとその温暖核構造, *月刊海洋*, **39**(3), 145-151.
- 中野俊也 92-1 *Midorikawa, T., M. Ishii, K. Nemoto, H. Kamiya, A. Nakadate, S. Masuda, H. Matsueda, T. Nakano and H. Y. Inoue, 2006: Interannual variability of winter oceanic CO₂ and air-sea CO₂ flux in the western North Pacific for 2 decade, *J. Geophys. Res.*, **111**, C07S02.
- 92-2 *蒲地政文, 藤井陽介, 石崎士郎, 松本聡, 中野俊也, 安田珠幾, 2006: 熱帯太平洋での気候変動に関連した海洋データ同化の最近の発展, *統計数理*, **54**(2), 223-245.
- 92-3 蒲地政文, 碓氷典久, 藤井陽介, 松本聡, 中野俊也, 2006: データ同化プロダクトの評価方法について -GODAE Metrics から-, *海洋*, **38**, 528-535.
- 中野英之 93-1 *Tsujino, H., N. Usui and H. Nakano, 2006: Dynamics of Kuroshio path variations in a high-resolution GCM, *J. Geophys. Res.*, **111**, C11001, doi:10.1029/2005JC003118.
- 野田 彰 95-1 *Kusunoki, S., J. Yoshimura, H. Yoshimura, A. Noda, K. Oouchi and R. Mizuta,

- 2006: Change of Baiu Rain Band in Global Warming Projection by an Atmospheric General Circulation Model with a 20-km Grid Size, *J. Meteor. Soc. Japan*, **84**, 581-611.
- 95-2 *Oouchi, K., J. Yoshimura, H. Yoshimura, R. Mizuta, S. Kusunoki and A. Noda, 2006: Tropical cyclone climatology in a global-warming climate as simulated in a 20-km-mesh global atmospheric model: Frequency and wind intensity analyses, *J. Meteor. Soc. Japan*, **84**, 259-276.
- 95-3 *Sato, Y., S. Yukimoto, H. Tsujino, H. Ishizaki and A. Noda, 2006: Response of North Pacific ocean circulation in a Kuroshio-resolving ocean model to an Arctic Oscillation (AO)-like change in Northern Hemisphere atmospheric circulation due to greenhouse-gas forcing, *J. Meteor. Soc. Japan*, **84**, 295-309.
- 95-4 *Uchiyama, T., R. Mizuta, K. Kamiguchi, A. Kitoh and A. Noda, 2006: Changes in Temperature-based Extremes Due to Global Warming Projected by a Global 20-km-mesh Atmospheric Model, *SOLA*, **2**, 68-71, doi:10.2151/sola.2006-018.
- 95-5 *Yoshimura, J., M. Sugi and A. Noda, 2006: Influence of Greenhouse Warming on Tropical Cyclone Frequency, *J. Meteor. Soc. Japan*, **84**, 405-428.
- 95-6 *Yukimoto, S., A. Noda, A. Kitoh, M. Hosaka, H. Yoshimura, T. Uchiyama, K. Shibata, O. Arakawa and S. Kusunoki, 2006: Present-day climate and climate sensitivity in the Meteorological Research Institute Coupled GCM version 2.3(MRI-CGCM2.3), *J. Meteor. Soc. Japan*, **84**, 333-363.
- 95-7 *Kamiguchi, K., A. Kitoh, T. Uchiyama, R. Mizuta and A. Noda, 2006: Changes in precipitation-based extremes indices due to global warming projected by a global 20-km-mesh atmospheric model, *SOLA*, **2**, 64-67, doi:10.2151/sola.2006-017.
- 95-8 野田彰, 2006: 地球温暖化予測:極端現象の変化予測への挑戦, *Jistec Report*, **60**, 3-6.
- 95-9 鬼頭昭雄, 中島映至, 小池俊雄, 花輪公雄, 住明正, 野田彰, 2006: IPCC 第 1 作業部会第 4 次評価報告書の現状, *天気*, **53**, 589-596.
- 95-10 楠昌司, 吉村純, 吉村裕正, 野田彰, 大内和義, 水田亮, 2006: 20km 格子間隔の大気大循環モデルを用いた地球温暖化実験による梅雨の変化, *グローสบッター*, **44**, 20-33.
- 萩野谷成徳 96-1 *Oku, Y., H. Ishikawa, S. Haginoya and Y. Ma, 2006: Recent trends in land surface temperature on the Tibetan Plateau, *J. Climate*, **19**, 2995-3003.
- 長谷川洋平 97-1 林豊, 濱田信生, 倉賀野連, 桜井敏之, 高山寛美, 長谷川洋平, 平田賢治, 2006: スマトラ島沖地震に伴うジオイド高変化の衛星海面高度計による検出, *月刊地球*, 号外 **56**, 32-37.
- 97-2 平田賢治, 倉賀野連, 林豊, 佐竹健治, 谷岡勇市郎, 長谷川洋平, 浜田信生, 2006: 宇宙から見た津波と地震断層モデル, *月刊地球*, 号外 **56**, 12-18.
- 97-3 浜田信生, 長谷川洋平, 林豊, 倉賀野連, 佐竹健治, 谷岡勇市郎, 平田賢治, 2006: 衛星高度計データ・数値シミュレーションをもちいたインド洋の津波の伝播過程, *科学技術振興調整費成果報告書 スマトラ島沖大地震及びインド洋津波被害に関する緊急研究報告書*, 196-205. (http://www.chousei-seika.com/2006_s/2006_s_12/2006_s_12_tsunamihigai/2006_s_12_tsunamihigai_2_6.pdf)
- 林 修吾 98-1 *Hayashi, S., 2006: Numerical Simulation of Electrical Space Charge Density and Lightning by using a 3-Dimensional Cloud-Resolving Model, *SOLA*, **2**, 124-127.
- 98-2 林修吾, 2006: 第 25 回メソ気象研究会報告, *天気*, **53**, 441-444.
- 林 豊 99-1 林豊, 濱田信生, 倉賀野連, 桜井敏之, 高山寛美, 長谷川洋平, 平田賢治, 2006: スマトラ島沖地震に伴うジオイド高変化の衛星海面高度計による検出, *月刊地球*, 号外 **56**, 32-37.
- 99-2 平田賢治, 倉賀野連, 林豊, 佐竹健治, 谷岡勇市郎, 長谷川洋平, 浜田信生, 2006: 宇宙から見た津波と地震断層モデル, *月刊地球*, 号外 **56**, 12-18.
- 99-3 *宮下誠, 中禮正明, 宇平幸一, 林豊, 瀧山弘明, 藤井敏嗣, 村上亮, 鶴川元雄, 白土正

- 明, 山里平, 横田崇, 2007: 富士山の火山活動の監視-宝永噴火シナリオと火山情報-, *富士火山*, 荒牧重雄・藤井敏嗣・中田節也・宮地直道編, 山梨県環境科学研究所, 441-449.
- 99-4 *及川純, 鍵山恒臣, 田中聡, 宮町宏樹, 筒井智樹, 池田靖, 瀧山弘明, 松尾訓道, 大島弘光, 西村裕一, 山本圭吾, 渡辺俊樹, 山崎文人, 渡辺秀文, 藤井敏嗣, 中田節也, 武尾実, 大湊隆雄, 金子隆之, 吉本充宏, 竹田豊太郎, 小山悦郎, 長田昇, 坂守, 羽田敏夫, 橋本信一, 辻浩, 井本良子, 増谷文雄, 嶋野岳人, 古川晃子, 鷺谷威, 藤井巖, 林能成, 宮島力男, 山田守, 奥田隆, 伊藤武雄, 橋本武志, 前川徳光, 鈴木淳生, 伊藤拓, 三浦康, 植木貞人, 西村太志, 仁田交市, 佐藤峰司, 下村陽一, 野上健治, 鬼澤真也, 小山田浩子, 舟崎淳, 近澤心, 藤原健治, 濱田信生, 青木元, 高木朗充, 山本哲也, 林豊, 金尾政紀, 山下幹也, 清水洋, 渡邊篤志, 是永将宏, 大倉敬宏, 吉川慎, 池田さや香, 井口正人, 為栗健, 八木原寛, 平野舟一郎, 2007: 富士山における人工地震探査-観測および走時の読み取り-, *地震研究所彙報*, **81** 号第 1 冊, 71-94.
- 99-5 浜田信生, 長谷川洋平, 林豊, 倉賀野連, 佐竹健治, 谷岡勇市郎, 平田賢治, 2006: 衛星高度計データ・数値シミュレーションをもちいたインド洋の津波の伝播過程, 科学技術振興調整費成果報告書 スマトラ島沖大地震及びインド洋津波被害に関する緊急研究報告書, 196-205. (http://www.chousei-seika.com/2006_s/2006_s_12/2006_s_12_tsunamihigai/2006_s_12_tsunamihigai_2_6.pdf)
- 平原幹俊 101-1 *Hirabara, M., H. Ishizaki and I. Ishikawa, 2006: Effects of the westerly wind stress over the Southern Ocean on the meridional overturning and the Antarctic Circumpolar Current, *J. Phys. Oceanogr.*, **37**, 2114-2132.
- 廣瀬勝己 102-1 *Aoyama, M., K. Hirose and Y. Igarashi, 2006: Re-construction and updating our understanding on the global weapons tests ¹³⁷Cs fallout, *J. Environ. Monit.*, **8**, 431-438, doi:10.1039/b512601k.
- 102-2 *Aoyama, M., M. Fukasawa, K. Hirose, R. F. C. Mantoura, P. P. Povince, C. S. Kim and K. Komura, 2006: Southern Hemisphere Ocean Tracer Study (SHOTS): An overview and preliminary results, *RADIONUCLIDES IN THE ENVIRONMENT International Conference on Isotopes in Environmental Studies P.P. Povince, and J.A. Sanchez-Cabeza(Eds)*, **8**, 53-66.
- 102-3 *Hirose, K., 2006: Chemical Speciation of trace Metals in Seawater: a Review, *Anal. Sci.*, **22**, 1055-1063.
- 102-4 *Hirose, K., 2006: A new method to determine depth-dependent carbon export fluxes using vertical ²³⁰Th profile, *Geophys. Res. Lett.*, **33**, L05609 1-4.
- 102-5 *Hirose, K., M. Aoyama, C. S. Kim, C. K. Kim and P. P. Povince, 2006: Plutonium Isotopes in Seawater of the North Pacific: effects of Close-in fallout, *RADIONUCLIDES IN THE ENVIRONMENT International Conference on Isotopes in Environmental Studies P.P. Povince, and J.A. Sanchez-Cabeza(Eds)*, **8**, 67-82.
- 102-6 Igarashi, Y., M. Aoyama, K. Hirose and Y. Shinoda, 2006: Temporal and spatial variation in radioactivity deposition in Japan-Influence of the Asian dust-Kosa, *Proc. the International Sympo on Environmental Modeling and Radioecology*, 150-156.
- 102-7 *Hirose, K., 2007: Metal-Organic matter interaction: Ecological roles of ligands in oceanic DOM, *Applied Geochemistry*, **22**, 1636-1645.
- 102-8 *三浦誓也, 貝森優希, 工藤英嗣, 野呂幸男, 時枝隆之, 廣瀬勝己, 2007: 青森県における大気中クリプトン-85 濃度調査, *青森県原子力センター所報*, **1**, 43-44.
- 102-9 廣瀬勝己, 2006: 海水中の有機配位子のスペシエーション, *海洋化学研究*, **19**(2), 65-80.
- 102-10 *猪股弥生, 五十嵐康人, 千葉長, 青山道夫, 廣瀬勝己, 山澤弘実, 飯田孝, 2007: 降水時におけるガンマ線線量率上昇事象の再現期間の推定, *保健物理*, **42** (1), 44- 51.
- 102-11 猪股弥生, 五十嵐康人, 千葉長, 青山道夫, 廣瀬勝己, 2007: 降水時におけるガンマ線線量率上昇事象の再現期間の推定, *Proceedings of the Eighth Workshop on*

Environmental Radioactivity.

- 弘瀬冬樹 103-1 *明田川保, 伊藤秀美, 弘瀬冬樹, 2007: X Window System を用いた地震検索・地震活動解析プログラム (REASA) の開発, *駿震時報*, **70**, 51-66.
- 藤井陽介 105-1 *Usui, N., H. Tsujino, Y. Fujii and M. Kamachi, 2006: Short-range prediction experiments of the Kuroshio path variabilities south of Japan, *Ocean Dynamics*, **56**, 607-623.
- 105-2 *蒲地政文, 藤井陽介, 石崎士郎, 松本聡, 中野俊也, 安田珠幾, 2006: 熱帯太平洋での気候変動に関連した海洋データ同化の最近の発展, *統計数理*, **54**(2), 223-245.
- 105-3 蒲地政文, 碓氷典久, 藤井陽介, 松本聡, 中野俊也, 2006: データ同化プロダクトの評価方法について -GODAE Metrics から-, *海洋*, **38**, 528-535.
- 藤部文昭 106-1 *Fujibe, F., N. Kitabatake, K. Bessho and S. Hoshino, 2006: Comparison of Surface-Wind Fields between Typhoon 0418 (Songda) and Typhoon 9119 (Mireille) in Western Japan, *Pap. Met. Geophys.*, **57**, 1-10.
- 106-2 *Fujibe, F., N. Yamazaki and K. Kobayashi, 2006: Long-term changes of heavy precipitation and dry weather in Japan (1901-2004), *J. Meteor. Soc. Japan*, **84**, 1033-1046.
- 106-3 *Fujibe, F., N. Yamazaki and K. Kobayashi, 2006: Long-term changes in the diurnal precipitation cycles in Japan for 106 years (1898-2003), *J. Meteor. Soc. Japan*, **84**, 311-317.
- 106-4 藤部文昭, 2007: 都市のヒートアイランド, *天気*, **54**(1), 9-12.
- 106-5 沖大幹, 辻本哲郎, 藤部文昭, 門松武, 2007: 異常気象と今後の対応, *河川*, **726**, 12-24.
- 106-6 *藤部文昭, 2006: 本州~九州の梅雨入りに先立つ5月末ごろの少雨期, *天気*, **53**(10), 785-790.
- 106-7 藤部文昭, 2006: 異常気象の長期変化と都市のヒートアイランド, *21世紀の環境とエネルギーを考える*, **32**, 5-18.
- 106-8 北島尚子, 藤部文昭, 星野俊介, 別所康太郎, 2006: 台風の温帯低気圧化に関する理解の現状とその解析・予報の問題, *測候時報*, **73**, 4-5号合併号, 87-116.
- 別所康太郎 107-1 *Fujibe, F., N. Kitabatake, K. Bessho and S. Hoshino, 2006: Comparison of Surface-Wind Fields between Typhoon 0418 (Songda) and Typhoon 9119 (Mireille) in Western Japan, *Pap. Met. Geophys.*, **57**, 1-10.
- 107-2 K. Bessho, T. Nakazawa, S. Nishimura, K. Kato and S. Hoshino, 2006: Statistical analysis of organized cloud clusters on western North Pacific and their warm core structure, *Preprints of 27th Conference on Hurricanes Tropical Meteorology of the American Meteorological Society*, CD-ROM, 9B.6.
- 107-3 台風研究部, 2006: 平成16(2004)年日本上陸台風の概要, *気象研究所技術報告*, **49**, 1-36.
- 107-4 別所康太郎, 中澤哲夫, 西村修司, 加藤浩司, 2007: 台風へ発達する可能性のあるクラウドクラスターとその温暖核構造, *第56回理論応用力学講演会 講演論文集*, 37-40.
- 107-5 別所康太郎, 中澤哲夫, 西村修司, 加藤浩司, 2007: 台風へ発達する可能性のあるクラウドクラスターとその温暖核構造, *月刊海洋*, **39**(3), 145-151.
- 107-6 北島尚子, 藤部文昭, 星野俊介, 別所康太郎, 2006: 台風の温帯低気圧化に関する理解の現状とその解析・予報の問題, *測候時報*, **73**, 4-5号合併号, 87-116.
- 保坂征宏 108-1 *Nakaegawa, T. and M. Hosaka, 2006: Potential Predictability of Seasonal Mean River Discharge in Dynamical Ensemble Prediction using MRI/JMA GCM, *SOLA*, **2**, 112-115.
- 108-2 *Nohara, D., A. Kitoh, M. Hosaka and T. Oki, 2006: Impact of climate change on

- river discharge projected by multimodel ensemble, *J. Hydrometeor.*, **7**, 1076-1089.
- 108-3 *Yukimoto, S., A. Noda, A. Kitoh, M. Hosaka, H. Yoshimura, T. Uchiyama, K. Shibata, O. Arakawa and S. Kusunoki, 2006: Present-day climate and climate sensitivity in the Meteorological Research Institute Coupled GCM version 2.3(MRI-CGCM2.3), *J. Meteor. Soc. Japan*, **84**, 333-363.
- 星野俊介 109-1 *Fujibe, F., N. Kitabatake, K. Bessho and S. Hoshino, 2006: Comparison of Surface-Wind Fields between Typhoon 0418 (Songda) and Typhoon 9119 (Mireille) in Western Japan, *Pap. Met. Geophys.*, **57**, 1-10.
- 109-2 K. Bessho, T. Nakazawa, S. Nishimura, K. Kato and S. Hoshino, 2006: Statistical analysis of organized cloud clusters on western North Pacific and their warm core structure, *Preprints of 27th Conference on Hurricanes Tropical Meteorology of the American Meteorological Society*, CD-ROM, 9B.6.
- 109-3 台風研究部, 2006: 平成 16 (2004) 年日本上陸台風の概要, *気象研究所技術報告*, **49**, 1-36.
- 109-4 北畠尚子, 藤部文昭, 星野俊介, 別所康太郎, 2006: 台風の温帯低気圧化に関する理解の現状とその解析・予報の問題, *測候時報*, **73**, 4-5 号合併号, 87-116.
- 益子 渉 112-1 Mashiko, W., 2006: High-resolution simulation of wind structure in the inner-core of typhoon MA-ON (2004) and sensitivity experiments of horizontal resolution, WMO, TD-No.1347, 5.35-5.36.
- 112-2 Wada, A. and W. Mashiko, 2006: Introduction of a mixed-layer ocean model into the MRI interactive multiply-nested movable mesh tropical cyclone model, *WMO, CAS/JSC WGNG Report*, 09-11.
- 112-3 Kohno, N., A. Murata, W. Mashiko, 2006: The impact of roughness changes by sea state under typhoon fields, *Proc.of 9th Int. Workshop on Wave Hindcasting and Forecasting*, **C2**, 1-8. (<http://www.waveworkshop.org/9thWaves/Papers/Kohno.pdf>)
- 112-4 Mashiko, W., 2006: A cloud-resolving simulation of typhoon RUSA(2002): Polygonal and Mesovortices structure, *Preprints of 27th Conference on Hurricanes Tropical Meteorology of the American Meteorological Society*, **27**, 4.16.
- 112-5 Kusunoki, K. and W. Mashiko, 2006: Doppler radar investigations of the inner core of Typhoon Songa (2004) Polygonal / elliptical eyewalls, eye contraction, and small-scale spiral bands, *Preprints of 27th Conference on Hurricanes Tropical Meteorology of the American Meteorological Society*, **27**, 4.10.
- 112-6 台風研究部, 2006: 平成 16 (2004) 年日本上陸台風の概要, *気象研究所技術報告*, **49**, 1-36.
- 増田一彦 113-1 *Masuda, K., 2006: Infrared sea surface emissivity including multiple reflection effect for isotropic Gaussian slope distribution model, *Remote Sens. Environ.*, **103**, 488-496.
- 113-2 *Mikami, M., G. Y. Shi, I. Uno, S. Yabuki, Y. Iwasaka, M. Yasui, T. Aoki, T. Y. Tanaka, Y. Kurosaki, K. Masuda, A. Uchiyama, A. Matsuki, T. Sakai, T. Takemi, M. Nakawo, N. Seino, M. Ishizuka, S. Satake, K. Fujita, Y. Hara, K. Kai, S. Kanayama, M. Hayashi, M. Du, Y. Kanai, Y. Yamada, X. Y. Zhang, Z. Shen, H. Zhou, O. Abe, T. Nagai, Y. Tsutsumi, M. Chiba and J. Suzuki, 2006: Aeolian dust experiment on climate impact: An overview of Japan-China joint project ADEC, *Global Planetary Change*, **52**, 142-172, doi:10.1016/j.gloplacha.2006.03.001.
- 113-3 大河原望, 吉崎徳人, 山際龍太郎, 増田一彦, 真野裕三, 石元裕史, 2006: エーロゾルの観測, *気象研究ノート*, **212**, 65-76.
- 松枝秀和 114-1 *Igarashi, Y., Y. Sawa, K. Yoshioka, H. Takahashi, H. Matsueda and Y. Dokiya, 2006: Seasonal variation in SO₂ plume transport over Japan: observations at the summit of Mt. Fuji from winter to summer, *Atmos. Environ.*, **40**, 7018-7033.

- 114-2 *Inoue, H. Y., H. Matsueda, Y. Igarashi, Y. Sawa, A. Wada, K. Nemoto, H. Sartorius and C. Schellosser, 2006: Seasonal and long-term variations in atmospheric CO₂ and ⁸⁵Kr in Tsukuba, Central Japan, *J. Meteor. Soc. Japan*, **84**(6), 959-968.
- 114-3 *Midorikawa, T., M. Ishii, K. Nemoto, H. Kamiya, A. Nakadate, S. Masuda, H. Matsueda, T. Nakano, and H. Y. Inoue, 2006: Interannual variability of winter oceanic CO₂ and air-sea CO₂ flux in the western North Pacific for 2 decade, *J. Geophys. Res.*, **111**, C07S02.
- 松本 聡 115-1 *蒲地政文, 藤井陽介, 石崎士郎, 松本聡, 中野俊也, 安田珠幾, 2006: 熱帯太平洋での気候変動に関連した海洋データ同化の最近の発展, *統計数理*, **54**(2), 223-245.
- 115-2 蒲地政文, 碓氷典久, 藤井陽介, 松本聡, 中野俊也, 2006: データ同化プロダクトの評価方法について -GODAE Metrics から-, *海洋*, **38**, 528-535.
- 真野裕三 116-1 *Mano, Y., 2006: Accurate and simple computation of radiative heating rate in 15 μ m CO₂ band, *J. Meteor. Soc. Japan*, **84**, 553-560.
- 116-2 *Mano, Y., 2006: The complex refractive index of yellow sand inferred from the brightness temperature difference in the infrared split window, *SOLA*, **2**, 140-143, doi:10.2151/sola.2006-036.
- 116-3 大河原望, 吉崎徳人, 山際龍太郎, 増田一彦, 真野裕三, 石元裕史, 2006: エーロゾルの観測, *気象研究ノート*, **212**, 65-76.
- 馬淵和雄 117-1 Alexandrv, G. A., D. Chan, M. Chan, K. Gurney, K. Higuchi, A. Ito, C. D. Jones, A. Komarov, K. Mabuchi, D. M. Matross, F. Veroustraete and W. W. Verstraeten, 2006: Model-data fusion in the studies of terrestrial carbon sink, *Summit on Environmental Modelling and Software*, CD-ROM.
- 117-2 *Mabuchi, K. and H. Kida, 2006: On-line Climate Model Simulation of the Global Carbon Cycle and Verification Using the In Situ Observation Data, *Summit on Environmental Modelling and Software*, CD-ROM.
- 117-3 末田達彦, 馬淵和雄, 鷹尾元, 2007: リモートセンシングを活用したバイオマス計測手法の開発, *地球環境研究総合推進費平成 17 年度研究成果-中間成果報告集-*, 351-368.
- 三上正男 118-1 *Uno, I., Z. Wang, M. Chiba, Y. S. Chun, S. L. Gong, Y. Hara, E. Jung, S. S. Lee, M. Liu, M. Mikami, S. Music, S. Nickovic, S. Satake, Y. Shao, Z. Song, N. Uchimoto, T. Tanaka and D. Westphal, 2006: Dust model intercomparison (DMIP) study over Asia - Overview, *J. Geophys. Res.*, **111**, D12213, doi:10.1029/2005JD006575.
- 118-2 *Mikami, M., G. Y. Shi, I. Uno, S. Yabuki, Y. Iwasaka, M. Yasui, Te. Aoki, T. Y. Tanaka, Y. Kurosaki, K. Masuda, A. Uchiyama, A. Matsuki, T. Sakai, T. Takemi, M. Nakawo, N. Seino, M. Ishizuka, S. Satake, K. Fujita, Y. Hara, K. Kai, S. Kanayama, M. Hayashi, M. Du, Y. Kanai, Y. Yamada, X. Y. Zhang, Z. Shen, H. Zhou, O. Abe, T. Nagai, Y. Tsutsumi, M. Chiba and J. Suzuki, 2006: Aeolian dust experiment on climate impact: An overview of Japan-China joint project ADEC, *Global Planetary Change*, **52**, 142-172, doi:10.1016/j.gloplacha.2006.03.001.
- 118-3 *Tanaka, T. Y., Te. Aoki, H. Takahashi, K. Shibata, A. Uchiyama and M. Mikami, 2007: Sensitivity study of the optical properties of mineral dust on the direct aerosol radiative perturbation using a global aerosol transport model, *SOLA*, **3**, 033-036, doi:10.2151/sola.2007-009.
- 118-4 三上正男, 2006: 風送ダスト, *OECC 会報*, **49**, 5.
- 118-5 三上正男, 2007: 風送ダストの大気中への供給量評価と気候への影響に関する日中共同研究 (ADEC), *天気*, **54**(2), 142-150.
- 118-6 三上正男, 2007: ここまでわかった黄砂の正体-マイクロのダストから地球が見える-, 五月書房, 250pp.

- 緑川 貴 119-1 *Midorikawa, T., M. Ishii, K. Nemoto, H. Kamiya, A. Nakadate, S. Masuda, H. Matsueda, T. Nakano and H. Y. Inoue, 2006: Interannual variability of winter oceanic CO₂ and air-sea CO₂ flux in the western North Pacific for 2 decade, *J. Geophys. Res.*, **111**, C07S02.
- 119-2 *Ogawa, K., T. Usui, S. Takatani, T. Kitao, T. Harimoto, S. Katoh, S. Dobashi, T. Midorikawa, H. Y. Inoue, Y. Dokiya, 2006: Observations of atmospheric and surface seawater pCO₂ in the North Pacific by a voluntary observation ship MS Aligator Liberty, *Papers in Meteorology and Geophysics*, **57**, 37-46.
- 119-3 *高谷裕介, 岩尾尊徳, 宮尾孝, 緑川貴, 斎藤一浩, 2007: 新潮水の水質の10年スケール変動とその要因, *海の研究*, **16**, 23-37.
- 村上正隆 120-1 *Sakai, T., N. Orikasa, T. Nagai, M. Murakami, K. Kusunoki, K. Mori, A. Hashimoto, T. Matsumura, and T. Shibata, 2006: Optical and Microphysical Properties of Upper Clouds Measured with the Raman Lidar and Hydrometer Videosonde: A Case on 29 March 2004 over Tsukuba, Japan, *J. Atmos. Sci.*, **63**, 2156-2166.
- 120-2 Tajiri, T., M. Murakami, N. Orikasa, A. Saito and K. Kusunoki, 2006: Laboratory experiments of ice formation in cloud simulation chamber, *Preprints of 12th AMS conference on Cloud Physics*, **12**, 2.53.
- 村田昭彦 122-1 Murata, A., 2006: A cloud-resolving numerical simulation for orographic rainfall associated with typhoon Meari(2004), *CAS/JSC WGNE Research Activities in Atmospheric and Oceanic Modelling*, **WMO/TD-No.1347**, 5.37-5.38.
- 112-2 Kohno, N., A. Murata, W. Mashiko, 2006: The impact of roughness changes by sea state under typhoon fields, *Proc.of 9th Int. Workshop on Wave Hindcasting and Forecasting*, **C2**, 1-8. (<http://www.waveworkshop.org/9thWaves/Papers/Kohno.pdf>)
- 122-3 台風研究部, 2006: 平成16(2004)年日本上陸台風の概要, *気象研究所技術報告*, **49**, 1-36.
- 122-4 村田昭彦, 2007: 台風0421に伴う紀伊半島での豪雨の数値シミュレーション, *月刊海洋*, **39**, 211-216.
- 室井ちあし 123-1 *Saito, K., T. Fujita, Y. Yamada, J. Ishida, Y. Kumagai, K. Aranami, S. Ohmori, R. Nagasawa, S. Kumagai, C. Muroi, T. Kato, H. Eito and Y. Yamazaki, 2006: The operational JMA Nonhydrostatic Mesoscale Model, *Mon. Wea. Rev.*, **134**, 1266-1298.
- 本井達夫 125-1 *Masson-Delmotte, V., M. Kageyama, P. Braconnot, C. Charbit, G. Krinner, C. Ritz, E. Guilyardi, J. Jouzel, A. Abe-Ouchi, M. Crucifix, R. M. Gladstone, C. D. Hewitt, A. Kitoh, A. N. LeGrande, O. Marti, U. Merkel, T. Motoi, R. Ohgaito, B. Otto-Bliesner, W. R. Peltier, I. Ross, P. J. Valdes, G. Vettoretti, S. L. Weber, F. Wolk and Y. Yu, 2006: Past and future polar amplification of climate change: climate model intercomparisons and ice-core constraints, *Climate Dynamics*, **26**, 513-529.
- 安田珠幾 126-1 *蒲地政文, 藤井陽介, 石崎士郎, 松本聡, 中野俊也, 安田珠幾, 2006: 熱帯太平洋での気候変動に関連した海洋データ同化の最近の発展, *統計数理*, **54(2)**, 223-245.
- 山内 洋 128-1 *Yamauchi, H., O. Suzuki and K. Akaeda, 2006: A hybrid multi-PRI method to dealias Doppler velocities, *SOLA*, **2**, 92-95, doi:10.2151/sola.2006-024.
- 山崎明宏 129-1 *Kobayashi, E., A. Uchiyama, A. Yamazaki and K. Matsuse, 2006: Application of the maximum likelihood method to the inversion algorithm for analyzing aerosol optical properties from sun and sky radiance measurements, *J. Meteor. Soc. Japan*, **84**, 1047-1062.
- 129-2 Uchiyama, A., A. Yamazaki, H. Togawa and J. Asano, 2006: Continuous

- Measurement of aerosol characteristics by ADEC sky-radiometer network, IRS 2004: Current Problems in Atmospheric Radiation, *Proceedings of the International Radiation Symposium, Busan, Korea, Edited by H. Fischer and B.-J. Shon*, 331-334.
- 129-3 *Kimio, A., J. Ishizaka, N. Sugimoto, I. Matsui, A. Shimizu, I. Mori, M. Nishikawa, K. Aoki, A. Uchiyama, A. Yamazaki, H. Togawa and J. Asano, 2006: Yellow Sand Dust Event on 13 April 2003 over Western Kyushu, Japan, *SOLA*, **2**, 100-103, doi:10.2151/sola.2006.026.
- 山崎 明 130-1 *山崎明, 坂井孝行, 2006: 地形の影響を考慮した茂木モデルによるピエゾ磁気効果, *Pap. Met. Geophys.*, **57**, 21-36.
- 山里 平 131-1 *宮下誠, 中禮正明, 宇平幸一, 林豊, 瀧山弘明, 藤井敏嗣, 村上亮, 鶴川元雄, 白土正明, 山里平, 横田崇, 2007: 富士山の火山活動の監視-宝永噴火シナリオと火山情報-, *富士火山*, 荒牧重雄・藤井敏嗣・中田節也・宮地直道編, 山梨県環境科学研究所, 441-449.
- 山本剛靖 133-1 *小林昭夫, 山本剛靖, 中村浩二, 木村一洋, 2006: 歪計により観測された東海地域の短期的スロースリップ, *地震*, **59**, 19-27.
- 行本誠史 134-1 *Adachi, Y. and S. Yukimoto, 2006: Influence of sea ice thickness on the atmosphere in the winter Arctic region in an atmospheric general circulation model, *SOLA*, **2**, 76-79.
- 134-2 *Sato, Y., S. Yukimoto, H. Tsujino, H. Ishizaki and A. Noda, 2006: Response of North Pacific ocean circulation in a Kuroshio-resolving ocean model to an Arctic Oscillation (AO)-like change in Northern Hemisphere atmospheric circulation due to greenhouse-gas forcing, *J. Meteor. Soc. Japan*, **84**, 295-309.
- 134-3 *Yukimoto, S., A. Noda, A. Kitoh, M. Hosaka, H. Yoshimura, T. Uchiyama, K. Shibata, O. Arakawa and S. Kusunoki, 2006: Present-day climate and climate sensitivity in the Meteorological Research Institute Coupled GCM version 2.3(MRI-CGCM2.3), *J. Meteor. Soc. Japan*, **84**, 333-363.
- 134-4 行本誠史, 2007: 地球温暖化予測の最近 20 年の進展, *天気*, **54**(2), 111-114.
- 134-5 行本誠史, 2006: 地球温暖化に伴う北半球夏季の中高緯度循環の変化-気象研究所気候モデル MRI-CGCM2.3 による実験から-, *月刊海洋*, 号外 **44**, 143-150.
- 吉村 純 136-1 *Kusunoki, S., J. Yoshimura, H. Yoshimura, A. Noda, K. Oouchi and R. Mizuta, 2006: Change of Baiu Rain Band in Global Warming Projection by an Atmospheric General Circulation Model with a 20-km Grid Size, *J. Meteor. Soc. Japan*, **84**, 581-611.
- 136-2 *Oouchi, K., J. Yoshimura, H. Yoshimura, R. Mizuta, S. Kusunoki and A. Noda, 2006: Tropical cyclone climatology in a global-warming climate as simulated in a 20-km-mesh global atmospheric model: Frequency and wind intensity analyses, *J. Meteor. Soc. Japan*, **84**, 259-276.
- 136-3 *Yoshimura, J., M. Sugi and A. Noda, 2006: Influence of Greenhouse Warming on Tropical Cyclone Frequency, *J. Meteor. Soc. Japan*, **84**, 405-428.
- 136-4 吉村純, 2007: 台風やハリケーンは将来どのように変わるのか, *地球環境研究センターニュース*, **17**(11), 12-14.
- 136-5 吉村純, 2007: 地球温暖化が進行すると台風やハリケーンは激化するのか?, *日本の科学者*, **42**(2), 36-41.
- 136-6 吉村純, 大内和良, 2006: 地球温暖化が進行すると台風やハリケーンはどう変化するのか? - 全球モデルによるシミュレーション -, *月刊海洋*, **38**, 747-754.
- 136-7 増田耕一, 明日香壽川, 吉村純, 河宮未知生, 2006: 地球温暖化への懐疑論に関する考察, *日本の科学者*, **41**(9), 36-41.
- 136-8 楠昌司, 吉村純, 吉村裕正, 野田彰, 大内和義, 水田亮, 2006: 20km 格子間隔の大气

- 大循環モデルを用いた地球温暖化実験による梅雨の変化, *グロースベッター*, **44**, 20-33.
- 136-9 明日香壽川, 吉村純, 増田耕一, 河宮未知生, 江守正多, 2006: 経済学者でもわかる地球温暖化懐疑論への反論, *経済セミナー*, **618**, 44-50.
- 吉村裕正 137-1 *Kusunoki, S., J. Yoshimura, H. Yoshimura, A. Noda, K. Oouchi and R. Mizuta, 2006: Change of Baiu Rain Band in Global Warming Projection by an Atmospheric General Circulation Model with a 20-km Grid Size, *J. Meteor. Soc. Japan*, **84**, 581-611.
- 137-2 *Oouchi, K., J. Yoshimura, H. Yoshimura, R. Mizuta, S. Kusunoki and A. Noda, 2006: Tropical cyclone climatology in a global-warming climate as simulated in a 20-km-mesh global atmospheric model: Frequency and wind intensity analyses, *J. Meteor. Soc. Japan*, **84**, 259-276.
- 137-3 *Yukimoto, S., A. Noda, A. Kitoh, M. Hosaka, H. Yoshimura, T. Uchiyama, K. Shibata, O. Arakawa and S. Kusunoki, 2006: Present-day climate and climate sensitivity in the Meteorological Research Institute Coupled GCM version 2.3(MRI-CGCM2.3), *J. Meteor. Soc. Japan*, **84**, 333-363.
- 137-4 楠昌司, 吉村純, 吉村裕正, 野田彰, 大内和義, 水田亮, 2006: 20km 格子間隔の 대기大循環モデルを用いた地球温暖化実験による梅雨の変化, *グロースベッター*, **44**, 20-33.
- 和田章義 138-1 Wada, A., 2006: Numerical experiments of typhoons in 2004 typhoon season using a non-hydrostatic atmospheric model coupled with a mixed-layer ocean model, *WMO, CAS/JSC WGNE Report*, 9-09.
- 138-2 Wada, A., 2006: Numerical experiments of typhoon Namtheun (T0410) using different atmosphere-ocean coupled models, *WMO, CAS/JSC WGNE Report*, 9-13.
- 138-3 Wada, A., 2006: Typhoon-ocean interaction in Typhoon Megi (T0415) using an atmosphere-mixed-layer ocean coupled model, *WMO, CAS/JSC WGNE Report*, 9-15.
- 138-4 Wada, A. and W. Mashiko, 2006: Introduction of a mixed-layer ocean model into the MRI interactive multiply-nested movable mesh tropical cyclone model, *WMO, CAS/JSC WGNG Report*, 09-11.
- 138-5 台風研究部, 2006: 平成 16 (2004) 年日本上陸台風の概要, *気象研究所技術報告*, **49**, 1-36.
- 138-6 和田章義, 2007: 表層海洋変動が台風に与える影響, *月刊海洋*, **30**(3), 164-169.