1　出版物リスト

センター発足から 1999 年 9 月までにセンターの構成員が出した出版物を出来るだけ蒐集し、以下のリストにした。

最初に英文のものを第一著者の姓のアルファベット順に並べ、次に和文のものを同様に五十音順に並べた。リストの最後に雑誌・新聞・テレビ局が並んでいるが、これは、センターの構成員が取材に協力した記事を示している。

Abe-Ouchi, A. (1994): Response of the Greenland ice sheet to ice age cycles and to recent climate changes, *IAHS Publ.*, **223**, 95–105.

Abe-Ouchi, A., H. Blatter and A. Ohmura (1994): How does the Greenland ice sheet geometry remember the ice age?, *Global and Planetary Change*, **9**, 133–142.

Ackerman, S., P. Artaxo, O. Boucher, M. Y. Danilin, B. Kärcher, P. Minnis, T. Nakajima and O. B. Toon (1999): Aviation-produced aerosols and cloudiness, in *IPCC Special Report 'Aviation and the global atmosphere'*, 65–120, Cambridge University Press, New York.

Akiyoshi, H., M. Takahashi and M. Takigawa (1997): Development of a chemical coupling GCM, *CGER-Report*, **5**, 3–5.

Arnold, F., J.-P. Blanchet, P. A. Durkee, D. J. Hofmann, W. A. Hoppel, M. D. King, A. A. Lacis, T. Nakajima, J. A. Ogren, O. B. Toon and M. Wendisch (1995): Connections between aerosol properties and forcing of climate, in Charlson, R. J. and J. Heintzenberg eds., *Aerosol Forcing of Climate*, 252–280, John Wiley & Sons, New York.

Baik, J.-J. and M. Takahashi (1995): Sensitivity of the GCM-simulated large-scale structures to two cumulus parameterizations, *J. Met. Soc. Japan*, **73**, 975–991.

Bell, T. L. and P. K. Kundu (1996): A study of the sampling error in satellite rainfall estimates using optimal averaging of data and a stochastic model, *J. Climate*.

Bell, T. L., P. K. Kundu and C. Kummerow (1996): Sampling error of satellite estimates of gridded rainfall, in *Proceedings of the 13th A. M. S. Conference on Probability and Statistic in the Atmospheric Sciences, San Francisco, California, 21–23 February 1996*.

Chevert, P., H. Isaka and T. Nakajima (1996): Influence of crystal shapes on radiative fluxes in visible wavelength: Ice crystals randomly oriented in space, *Annalae Geophysicae*, **14**, 837–844.

Ding, Y. H. and A. Sumi (1995): Large-scale atmospheric circulation features during TOGA-COARE IOP, *J. Met. Soc. Japan*, **73**, 339–351.

Ding, Y. H., A. Sumi and X. S. Shen (1995a): Structures of the mixed layer and estimates of sea surface fluxes during TOGA-COARE IOP. Part I: Structure of the mixed layer, *J. Met. Soc. Japan*, **73**, 569–583.

Ding, Y. H., A. Sumi and X. S. Shen (1995b): Structures of the mixed layer and estimates of sea surface fluxes during TOGA-COARE IOP. Part II: Estimates of sea surface fluxes, *J. Met. Soc. Japan*, **73**, 585–596.

Dubovik, O. V., T. Nakajima, T. Yokota and Y. Sasano (1996): Development of global inversion algorithm for ADEOS/ILAS spectrometer, in Smith, B. and K. Stamnes eds., *IRS '96 Current Problems in Atmospheric Radiation*, 541–544.

Emori, S., T. Nozawa, A. Abe-Ouchi, A. Numaguti, M. Kimoto and T. Nakajima (1999): Coupled ocean-atmosphere model experiments of future climate change with an explicit treatment of sulfate aerosol scattering, *J. Met. Soc. Japan*, in press.

Fukushima, H., A. Higurashi, Y. Mitomi, T. Nakajima, T. Noguchi, T. Tanaka and M. Toratani (1998): Correction of atmospheric effect on ADEOS/OCTS ocean color data: Algorithm description and evaluation of its performance, *J. Oceanogr.*, **54**, 417–430.

Furue, R. (1998): *Importance of local interactions within the small-scale oceanic internal wave spectrum for transferring energy to dissipation scales: A three-dimensional numerical study*, PhD thesis, University of Tokyo, Tokyo.

Furue, R., K. Nakajima and I. Ishikawa (1995): Modal decomposition of deep ocean circulation models: Comparison with reduced-gravity models, *J. Geophys. Res.*, **100**, 10567–10588.

Ghil, M., K. Ide, A. Bennet, P. Courtier, M. Kimoto, M. Nagata, M. Saiki and N. Sato eds. (1997): *Data Assimilation in Meteorology and Oceanography: Theory and Practice*, Universal Academy Press, Tokyo.

Godfrey, J. S., R. A. Houze, R. H. Johnson, R. Lukas, J.-L. Redelsperger, A. Sumi and R. Weller (1998): Coupled Ocean-Atmosphere Response Experiment (COARE): An interim report, *J. Geophys. Res.*, **103**, 14395–14450.

Harrison, S. P., D. Jolly, F. L. A. Abe-Ouchi, K. Herterich, C. H. S. Joussaume, J. E. Kutzbach, J. Mitchell, N. de Noblet and P. Valdes (1998): Intercomparison of simulated global vegetation distributions in response to 6 kyr B. P. orbital forcing, *J. Climate*, **11**, 2721–2742.

Hasebe, F. and M. Takahashi (1997): The role of the ozone in the quasi-biennial oscillation, in *Proceeding of the First SPARC General Assembly*, Vol. 2, 599–602, WCRP-99, WMO/TD-No. 814.

Hasumi, H. (1997): *Ocean's Role in Forming the Steady State of the Climate*, PhD thesis, University of Tokyo, Tokyo.

Hasumi, H. and N. Suginohara (1995): Haline circulation induced by formation and melting of sea ice, *J. Geophys. Res.*, **100**, 20613–20625.

Hasumi, H. and N. Suginohara (1998a): Effects of locally enhanced vertical diffusivity on the world ocean circulation, in *Abstracts for Talks and Posters at the 1998 Conference of WOCE Ocean Circulation and Climate*, 90, WOCE.

Hasumi, H. and N. Suginohara (1998b): Effects of the seasonal variation on forming the steady state of an atmosphere-ocean coupled system, *Clim. Dyn.*, **14**, 803–812.

Hasumi, H. and N. Suginohara (1999a): Atlantic deep circulation controlled by heating in the Southern Ocean, *Geophys. Res. Lett.*, **26**, 1873–1876.

Hasumi, H. and N. Suginohara (1999b): Effects of locally enhanced vertical diffusivity over rough bathymetry on the world ocean circulation, *J. Geophys. Res.*, in press.

Hasumi, H. and N. Suginohara (1999c): Sensitivity of a global ocean general circulation model to tracer advection schemes, *J. Phys. Oceanogr.*, **29**, 2730–2740.

Hasumi, H. and Y. Yamanaka (1995): Development of a coupled ice-ocean general circulation model, in *Proceedings of the NIPR Symposium on Polar Meteorology and Glaciology*, Vol. 9, 197.

Hasumi, H., H. Senba, T. Nakajima and H. Sasaki (1993): Remote sensing of Mt. Pinatubo-origin aerosols: Observation of GMS/VISSR and estimation of optical thickness field, in *IAMAP-IAHS Joint International Meeting*.

Hayasaka, T., T. Nakajima, S. Ohta and M. Tanaka (1992): Optical and chemical properties of urban aerosols in Sendai and Sapporo, Japan, *Atmospheric Environment*, **26A**, 2055–2062.

Hayasaka, T., M. Kuji, T. Nakajima and M. Tanaka (1994): Satellite remote sensing and air-truth validation of cloud liquid water path and droplet effective radius, in *The 8th Conference on Atmospheric Radiation*, 421–422, American Meteorological Society.

Hayasaka, T., T. Nakajima, Y. Fujiyoshi, Y. Ishizaka, T. Takeda and M. Tanaka (1995): Geometrical thickness, liquid water content, and radiative properties of stratocumulus clouds over the western North Pacific, *J. Appl. Meteor.*, **34**, 460–470.

Hayes, S. P., L. J. Mangum, J. Picaut, A. Sumi and K. Takeuchi (1991): TOGA-TAO: A moored array for real-time measurements in the tropical Pacific Ocean, *Bulletin of the American Meteorological Society*, **72**, 339–347.

Hibiya, T., Y. Niwa, K. Nakajima and N. Suginohara (1996): Direct numerical simulation of the role-off range of internal wave shear spectra in the ocean, *J. Geophys. Res.*, **101**, 14123–14129.

Higurashi, A. (1998): *A study of aerosol properties on global scale using satellite remote sensning*, PhD thesis, University of Tokyo, Tokyo.

Higurashi, A. and T. Nakajima (1998): A synthesis of radiative fields in an atmosphere-ocean system for ocean color remote sensing, in *Remote Sensing of the Pacific Ocean by Satellite*, Earth Ocean & Space, 313–319.

Higurashi, A. and T. Nakajima (1999): Development of a two channel aerosol retrieval algorithm on global scale using NOAA/AVHRR, *J. Atoms. Sci.*, **56**, 924–941.

Higurashi, A., T. Nakajima, B. N. Holben, A. Smirnov, R. Frouin and B. Chatenet (1999): A study of global aerosol optical climatology with two channel AVHRR remote sensing, *J. Climate*, in press.

Hirota, I., K. Yamada and K. Sato (1995): Medium-scale travelling waves over the North Atlantic, *J. Met. Soc. Japan*, **73**, 1175–1179.

Holben, B. N., T. F. Eck, I. Slutsker, D. Tanré, J. P. Buis, A. Setzer, E. Vermote, J. A. Reagan, Y. J. Kaufman, T. Nakajima, F. Lavenu, I. Jankowiak and A. Smirnov (1998): AERONET: A federated instrument network and data archive for aerosol characterization, *Remote Sens. Environ.*, **66**, 1–16.

Hu, Z.-Z. and T. Nitta (1996): Wavelet analysis of summer rainfall over North China and India and SOI using 1891–1992 data, *J. Met. Soc. Japan*, **74**, 833–844.

Hu, Z.-Z. and T. Nitta (1997): Seasonality of the interaction between convection over the Western Pacific and general circulation in the Northern Hemisphere, *Adv. Atmos. Sci.*, **14**, 541–552.

Huang, R. (1994): Interactions between the 30–60 day oscillation, the Walker circulation and the convective activities in the tropical western Pacific and their relations to the interannual oscillation, *Adv. Atmos. Sci.*, **11**, 367–384.

Huybrechts, P., T. Payne, A. Abe-Ouchi and others (1996): The EISMINT benchmarks for testing ice-sheet models, *Annals of Glaciology*, **23**, 1–12.

Iguchi, T., D. Atlas, K. Okamoto and A. Sumi (1995): Footprints of storms on the sea in the JERS-1 SAR image, *IEICE Trans. Commun.*, **E78-B**, 1580–1584.

Ishii, M., M. Kimoto and I. Yoshikawa (1995a): A study of the formation of low SST anomaly over the North Pacific in 1993 using an OGCM, in *Second International Symposium on Assimilation of Observations in Meteorology and Oceanography, Tokyo, 13–17 March 1995, WMO/TD No. 651, vol. II*, 661–664.

Ishii, M., I. Yoshikawa and M. Kimoto (1995b): Ocean data assimilation system for climate monitoring at JMA, in *Proceedings of International Workshop on Numerical Prediction of Oceanic Variations*, 199–201, Japan Meteorological Agency.

Ishii, M., N. Hasegawa, S. Sugimoto, I. Ishikawa, I. Yoshikawa and M. Kimoto (1998): An El Niño prediction experiment with a JMA ocean-atmosphere coupled model, "Kookai", in *Proc. WMO International Workshop on Dynamical Extended Range Forecasting, Toulouse, France, 17–21 November 1997*, 105–108, WMO/TD-No. 881.

Ishikawa, I., Y. Yamanaka and N. Suginohara (1994): Effects of presence of a circumpolar region on buoyancy-driven circulation, *J. Oceanogr.*, **50**, 247–263.

Ishikawa, I., S. Aoki, R. Furue and N. Suginohara (1996): Convection induced by cooling at one side wall in two-dimensional non-rotating fluid: Applicability to the deep Pacific circulation, *J. Oceanogr.*, **52**, 617–632.

Itoh, H. and M. Kimoto (1995): Nonlinear modeling of extratropical low-frequency variabilities: Dynamics of blocking, weather regimes and low-frequency oscillations, in Matsuno, T. ed., *Climate System Dynamics and Modelling*, Vol. I-3, 271–294, Center for Climate System Research, University of Tokyo, Tokyo.

Itoh, H. and M. Kimoto (1996): Multiple attractors and chaotic itinerancy in a quasi-geostrophic model with realistic topography: Implications for weather regimes and low-frequency variability, *J. Atoms. Sci.*, **53**, 2217–2231.

Itoh, H. and M. Kimoto (1997): Chaotic itinerancy with preferred transition routes appearing in an atmospheric model, *Physica*, **D109**, 274–292.

Itoh, H. and M. Kimoto (1999): Weather regimes, low-frequency oscillations, and principal patterns of variability: A perspective of extratropical low-frequency variability, *J. Atoms. Sci.*, in press.

Itoh, H., M. Kimoto and H. Aoki (1999): Alternation between the single and double jet structures in the Southern Hemisphere troposphere. part I: Chaotic wandering, *J. Met. Soc. Japan*, **77**, 399–412.

Ivanyi, Z. (1996): Variations and trends of land surface air temperatures, 1891–1992, submitted to Idojaras.

Neelin, J. D., M. Latif (訳:木本昌秀) (1999): エルニーニョの力学, パリティ, **14**, in press.

Joussaume, S., K. E. Taylor, P. Braconnot, J. Mitchell, J. Kutzbach, S. P. Harrison, I. C. Prentice, A. Abe-Ouchi and others (1999): Monsoon changes for 6000 years ago: Results of 18 simulations from the Palaeoclimate Modelling Intercomparison Project (PMIP), *Geophys. Res. Lett.*, in press.

Kachi, M. and T. Nitta (1997): Decadal variations of the global atmosphere-ocean system, *J. Met. Soc. Japan*, **75**, 657–675.

Kaufman, Y. J. and T. Nakajima (1993): Effect of Amazon smoke on cloud microphysics and albedo-analysis from satellite imagery, *J. Appl. Meteor.*, **32**, 729–744.

Kaufman, Y. J., A. Gitelson, A. Karnieli, E. Ganor, R. S. Fraser, T. Nakajima, S. Mattoo and B. N. Holben (1994): Size distribution and scattering phase function of aerosol particles retrieved from sky brightness measurements, *J. Geophys. Res.*, **99**, 10341–10356.

Kaufman, Y. J., D. Tanr, H. R. Gordon, T. Nakajima, J. Lenoble, R. Frouin, H. Grassl, B. M. Herman, M. D. King and P. M. Teillet (1997): Passive remote sensing of tropospheric aerosol and atmospheric correction for the aerosol effect, *J. Geophys. Res.*, **102**, 16815–16830.

Kawamiya, M. (1997): *Mechanisms of the seasonal variation of chlorophyll in the North Pacific: A study using an ecosystem model embedded in an ocean general circulation model*, PhD thesis, University of Tokyo, Tokyo.

Kawamiya, M., M. J. Kishi and N. Suginohara (1995a): Development of an ocean ecosystem model coupled with an ocean general circulation model, in *Global Analysis, Interpretation, and Modelling: First Science Conference*, ES–39, IGBP/GAIM.

Kawamiya, M., M. J. Kishi, Y. Yamanaka and N. Suginohara (1995b): An ecological-physical coupled model applied to Station Papa, *J. Oceanogr.*, **51**, 635–664.

Kawamiya, M., M. J. Kishi, Y. Yamanaka and N. Suginohara (1997): Obtaining resonable results in different oceanic regimes with the same ecological-physical coupled model, *J. Oceanogr.*, **53**, 397–402.

Kawamiya, M., M. J. Kishi and N. Suginohara (1999): An ecosystem-physical combined model for the North Pacific. Part II: Model description and characteristics of spatial distributions of biological variable, *J. Mar. Sys.*, in press.

Kawamoto, K. (1999): *On the global distribution of the water cloud microphysics derived from AVHRR satellite remote sensing*, PhD thesis, University of Tokyo, Tokyo.

Kimoto, M. and X. Shen (1995): A coupled ocean-atmosphere GCM for the studies of short-term climate variabilities, in *Proceedings of International Workshop on Numerical Prediction of Oceanic Variations*, 195–196, Japan Meteorological Agency.

Kimoto, M. and N. Yasutomi (1998): El Niño and winter climate of Japan, in *Proc. International Conference on the Variability and Predictability of the Asian Monsoon, Xian, Sept. 22–26, 1998*, 166–169, Institute of Atmospheric Physics, Chinese Academy of Science.

Kimoto, M., I. Yoshikawa and M. Ishii (1997): An ocean data assimilation system for climate monitoring, *J. Met. Soc. Japan*, **75**, 471–487.

King, M. D., Y. J. Kaufman, D. Tanré and T. Nakajima (1999): Remote sensing of tropospheric aerosols from space: past, present, and future, *Bull. Amer. Meteorol. Soc.*, in press.

Kishi, M. J. and M. Kawamiya (1995): Ecosystem models for the three regional problems in the Northern Pacific, in Sakai, H. and Y. Nozaki eds., *Biogeochemical Processes and Ocean Flux in the Western Pacific*, 593–611, Terra Scientific Publishing Company.

Kokhanovsky, A. A., T. Nakajima and E. P. Zege (1998): Physically based parameterizations of the short-wave radiative characteristics of weakly absorbing media: Application to liquid-water clouds, *Appl. Opt.*, **37**, 4750–4757.

Kondratyev, K. Y., T. Nakajima and O. M. Pokrovski (1997): Global change and climate dynamics: Optimization of observing systems, CCSR Report 3, Center for Climate System Research, University of Tokyo.

Kondratyev, K. Y., T. Nakajima, A. Sumi and T. Tanaka (1998): Priorities of global change and the development of remote sensing in Japan, *Int. J. Remote Sens.*, **19**, 1259–1282.

Kubota, M. (1995): Chapter 7: Sea surface temperature observed by satellites and equatorial dynamics, in Ikeda, M. and F. W. Dobson eds., *Oceanographic Applications of Remote Sensing*, 97–111, CRC Press, Boca Raton, Florida.

Kubota, M. and A. Shikauchi (1995): Air temperature at ocean surface derived from surface-level humidity, *J. Oceanogr.*, **51**, 619–643.

Kuji, M., T. Hayasaka, N. Kikuchi, T. Nakajima and M. Tanaka (1999): The retrieval of effective particle radius and liquid water path of low-level marine clouds from NOAA AVHRR data, *J. Appl. Meteor.*, in press.

Lau, K.-M., C.-H. Sui, M.-D. Chou and W.-K. Tao (1994): An inquiry into the cirrus-cloud thermostat effect for tropical sea surface temperature, *Geophys. Res. Lett.*, **21**, 1157–1160.

LeBlond, P. H., M. Endoh, N. Suginohara and others (1996): Modelling of the subarctic North Pacific circulation, PICES Scientific Report 5, PICES.

Matsuno, T. and K. Tanabe (1995): Some considerations regarding carbon budgets based on simple ocean models, in *Proceedings of the Tsukuba Global Carbon Cycle Workshop: Global Environment Tsukuba '95*, 21–29, Center for Global Environmental Research, National Institute for Environmental Studies, Environment Agency of Japan.

Matsuyama, H., T. Oki, M. Shinoda and K. Masuda (1994): The seasonal change of the water budget in the Congo river basin, *J. Met. Soc. Japan*, **72**, 281–299.

Matsuyama, H., T. Oki and K. Masuda (1995): Applicability of ECMWF's 4DDA data to the inter-annual variability of water budget of the Mississippi river basin, *J. Met. Soc. Japan*, **73**, 1167–1174.

Meerkötter, R., U. Schumann, D. R. Doelling, P. Minnis, T. Nakajima and Y. Tsushima (1999): Radiative forcing by contrails, *Ann. Geophysicae*, **17**, 1080–1094.

Nagashima, T., M. Takigawa and M. Takahashi (1997): Ozone hole simulation using CCSR/NIES AGCM, in *Proceedings of Tsukuba international workshop on stratospheric change and its role in climate*, 186–189, Meteorological Research Institute, Japan Meteorological Agency.

Nagashima, T., M. Takahashi and F. Hasebe (1998): The first simulation of an ozone QBO in a general circulation model, *Geophys. Res. Lett.*, **25**, 3131–3134.

Nakajima, T. (1992): Passive remote sensing of cloud microphysics properties, in *IRS '92: Current Problems in Atmospheric Radiation*, 52–56, Deepak.

Nakajima, T. (1993): Study of climatic effects of cloud-aerosol interaction, in Jones, I. zS. F. ed., *Satellite Remote Sensing of the Oceanic Environment*, 235–239, Seibutsu Kenkyusha.

Nakajima, K. (1994): *Direct numerical experiments on the large-scale organizations of cumulus convection (in Japanese)*, PhD thesis, University of Tokyo, Tokyo.

Nakajima, K. (1995): Direct numerical experiments on the large-scale organization of cumulus convection, in Matsuno, T. ed., *Climate System Dynamics and Modelling*, 251–270, Center for Climate System Research, University of Tokyo, Tokyo.

Nakajima, T. and A. Higurashi (1997a): AVHRR remote sensing of aerosol optical properties in the Persian Gulf region, the summer 1991, *J. Geophys. Res.*, **102**, 16935–16946.

Nakajima, T. and A. Higurashi (1997b): On the information content of soil-derived aerosols in satellite and ground-based sky radiance measurements, in *Proc. Alfred-Wegener Conference: Sediment and aerosol, Leipzig, Germany, 10–12 March, 1997.*

Nakajima, T. and A. Higurashi (1998): A use of two-channel radiances for an aerosol characterization from space, *Geophys. Res. Lett.*, **25**, 3815–3818.

Nakajima, T. and M. D. King (1992): Asymptotic theory for optically thick layers: Application to the discrete ordinates method, *Appl. Opt.*, **31**, 7669–7683.

Nakajima, T. Y. and T. Nakajima (1995): Wide-area determination of cloud microphysical properties from NOAA AVHRR measurements for FIRE and ASTEX regions, *J. Atoms. Sci.*, **52**, 4043–4059.

Nakajima, T., M. D. King and J. D. Spinhirne (1991): Determination of the optical thickness and effective particle radius of clouds from reflected solar radiation measurements. Part II: Marine stratocumulus observations, *J. Atoms. Sci.*, **48**, 728–750.

Nakajima, T., A. Higurashi, T. Hayasaka and Y. Najafi (1994): Remote sensing of Persian Gulf oil fire aerosols, in *The 8th Conference on Atmospheric Radiation*, 386–388, American Meteorological Society.

Nakajima, T., M. Tsukamoto, Y. Tsushima and A. Numaguti (1995): Modelling of the radiative process in a AGCM, in Matsuno, T. ed., *Climate System Dynamics and Modelling*, Vol. I-3, 104–123, Center for Climate System Research, University of Tokyo, Tokyo.

Nakajima, T., T. Hayasaka, A. Higurashi, G. Hashida, N. Moharram-Nejad, Y. Najafi and H. Valavi (1996a): Aerosol optical properties of Persian Gulf region. Part I: Ground-based solar radiation measurements in Iran, *J. Appl. Meteor.*, **35**, 1265–1278.

Nakajima, T., G. Tonna, R. Rao, Y. Kaufman and B. Holben (1996b): Use of sky brightness measurements from ground for remote sensing of particulate polydispersions, *Appl. Opt.*, **35**, 2672–2686.

Nakajima, T., Y. Awaya, M. Kishino, T. Ohishi, G. Saitou, A. Uchiyama, T. Y. Nakajima, M. Nakajima and T. Uesugi (1997): The current status of the ADEOS-II/GLI mission, in Fujisada, H., G. Calamai and M. N. Sweeting eds., *Advanced and Next-Generation Satellites II*, SPIE 2957, 183–190.

Nakajima, T. Y., T. Nakajima, M. Nakajima, H. Fukushima, M. Kuji, A. Uchiyama and M. Kishino (1998): Optimization of the Advanced Earth Observing Satellite II Global Imager Channels by use of radiative transfer calculations, *Appl. Opt.*, **37**, 3149–3163.

Nakajima, T., A. Higurashi, K. Aoki, T. Endoh, H. Fukushima, M. Toratani, Y. Mitomi, B. G. Mitchell and R. Furuin (1999a): Early phase analysis of OCTS radiance data for aerosol remote sensing, *IEEE Trans. Geosci. Remote Sensing*, **37**, 1575–1585.

Nakajima, T., A. Higurashi, N. Takeuchi and J. R. Harman (1999b): Satellite and ground-based study of optical properties of 1997: Indonesian forest fire aerosols, *Geophys. Res. Lett.*, **26**, 2421–2424.

Nakano, H., R. Furue and N. Suginohara (1999): Effect of seasonal forcing on global circulation in a world ocean general circulation model, *Clim. Dyn.*, in press.

Nakata, M. (1995): *Pacific deep circulation in world ocean circulation model*, PhD thesis, University of Tokyo, Tokyo.

Nakata, M. and N. Suginohara (1998): Role of deep stratification in transporting deep water from the Atlantic to the Pacific, *J. Geophys. Res.*, **103**, 1067–1086.

Nakata, M., S. Aoki and N. Suginohara (1992): Effects of a continental slope along the western boundary on the abyssal circulation, *J. Oceanogr.*, **48**, 193–219.

Ninomiya, K. (1998a): Moisture balance over China and the South China Sea with relation to intense summer monsoon rainfalls in 1991, in *Proceedings of International Conference on the Variability and Predictability of the Asian Monsoon (ICAM), Sep. 22–26, 1998, Xi'an, China*, 14–17.

Ninomiya, K. (1998b): Multi-scale features of Baiu and large-scale forcing on the Baiu frontal disturbances, in *International Conference on Monsoon and Hydrologic Cycle, 22–25 April 1998, Kyongju, Korea*, 67–71, Korea Meteorological Society.

Ninomiya, K. (1999a): Moisture balance over China and the South China Sea during the summer monsoon in 1991 in relation to the intense rainfalls over China, *J. Met. Soc. Japan*, **77**, 737–751.

Ninomiya, K. (1999b): Parameters characterizing the moisture balance of the Asian and Pacific summer monsoon, in *Preprint Volume of Third International Scientific Conference on the Global Energy and Water Cycle, 16–19 June, 1999, Beijing, China*, 35–36.

Ninomiya, K. and C. Kobayashi (1998): Precipitation and moisture balance of the Asian summer monsoon. Part 1: Precipitation and major circulation systems, *J. Met. Soc. Japan*, **76**, 855–877.

Ninomiya, K. and C. Kobayashi (1999): Precipitation and moisture balance of the Asian summer monsoon. Part 2: Moisture transport and moisture balance, *J. Met. Soc. Japan*, **77**, 77–99.

Nishi, N. and A. Sumi (1995): Eastward-moving disturbance near the tropopause along the equator during the TOGA COARE IOP, *J. Met. Soc. Japan*, **73**, 321–337.

Nitta, T. (1992a): Convective systems propagating from the Indian Ocean to the Pacific during the 1986/87 El Niño, in *International Symposium on Asian Monsoon*, 47–50, Meteorological Research Institute and University of Tokyo.

Nitta, T. (1992b): Interannual and decadal scale variations of atmospheric temperature and circulations, in Ye, D., T. Matsuno, Q. Zeng, R. Huang and R. Zhang eds., *Climate Variability: Proceedings of International Workshop on Climate Variabilities (IWCV), July 13–17, 1992, Beijing, China*, 15–22, China Meteorological Press.

Nitta, T. (1994a): Diurnal variations of convective activities in the South East Asia and tropical western Pacific, in *Proceedings of the International Conference on Monsoon Variability and Prediction*, Vol. 1, 201–206, World Meteorological Organization.

Nitta, T. (1994b): Observational studies on tropical convective systems and its effects on atmospheric motions, in *The first TRMM Symposium/Workshop*, 232–234, National Space Development Agency of Japan (NASDA).

Nitta, T. and Z.-Z. Hu (1996): Summer climate variability in China and its association with 500 hPa height and tropical convection, *J. Met. Soc. Japan*, **74**, 425–445.

Nitta, T. and M. Kachi (1994): Interdecadal variations of precipitation over the tropical Pacific and Indian Oceans, *J. Met. Soc. Japan*, **72**, 823–831.

Nitta, T. and M. Kachi (1995): Interdecadal variations of atmosphere-ocean systems over the Pacific and Indian Oceans, in *The International Workshop on the East Asian Monsoon*, 31–37, Meteorological Research Institute, Korea Meteorological Administration.

Nitta, T. and S. Sekine (1994): Diurnal variation of convective activity over the tropical western Pacific, *J. Met. Soc. Japan*, **72**, 627–641.

Nitta, T. and J. Yoshimura (1993): Trends and interannual and interdecadal variations of global land surface air temperature, *J. Met. Soc. Japan*, **71**, 367–375.

Niwano, M. and M. Takahashi (1998): The influence of the equatorial QBO on the northern hemisphere winter circulation of a GCM, *J. Met. Soc. Japan*, **76**, 453–461.

Numaguti, A. (1997): Origins and recycling processes of precipitating water over continents examined by an atmospheric general circulation model, in *Proceedings of Third International Study Conference on GEWEX in Asia and GAME, Cheju, Korea*, 362–365.

Numaguti, A. (1998): Origin and recycling processes of precipitating water over the Eurasian continent: Experiments using an atmospheric general circulation model, *J. Geophys. Res.*, **104**, 1957–1972.

Numaguti, A., M. Takahashi, T. Nakajima and A. Sumi (1995): Development of an atmospheric general circulation model, in Matsuno, T. ed., *Climate System Dynamics and Modelling*, 1–27, Center for Climate System Research, University of Tokyo, Tokyo.

Numaguti, A., M. Takahashi, T. Nakajima and A. Sumi (1997): Description of CCSR/NIES atmospheric general circulation model, *CGER's Supercomputer Monograph Report,* Center for Global Environmental Reserch, National Institute for Environmental Studies, 1–48.

Obata, A., R. Furue, S. Aoki and N. Suginohara (1996): Modeling layered structure in deep Pacific circulation, *J. Geophys. Res.*, **101**, 3663–3674.

Ohmura, A., T. Konzelmann, M. Rotach, J. Forrer, M. W. A. Abe-Ouchi and H. Toritani (1994): Energy balance for the Greenland ice sheet by observation and model computation, *IAHS Publ.*, **223**, 85–94.

Oki, R. and A. Sumi (1993): Evaluation of ECMWF latent heat flux in TOGA, in Jones, I. S. F., Y. Sugimori and R. W. Stewart eds., *Satellite Remote Sensing of the Oceanic Environment*, 249–258, Seibutsu Kenkyusha.

Oki, R. and A. Sumi (1994): Sampling simulation of TRMM rainfall estimation using radar-AMeDAS composites, *J. Appl. Meteor.*, **33**, 1597–1608.

Oki, R., A. Sumi and D. A. Short (1997): TRMM sampling of radar-AMeDAS rainfall using the threshold, *J. Appl. Meteor.*, **36**, 1480–1492.

Ruggaber, A., R. Dlugi and T. Nakajima (1994): Modelling radiation quantities and photolysis frequencies in the troposphere, *J. Atmos. Chem.*, **18**, 171–210.

Sato, K. and M. Yamada (1994): Vertical structure of atmospheric gravity waves revealed by the wavelet analysis, *J. Geophys. Res.*, **99**, 20623–20631.

Sato, K., H. Hashiguchi and S. Fukao (1995): Gravity waves and turbulence associated with cumulus convection observed with the UHF/VHF clear-air Doppler radars, *J. Geophys. Res.*, **100**, 7111–7119.

Sato, K., T. Kumakura and M. Takahashi (1999): Gravity waves appearing in a high-resolution GCM simulation, *J. Atoms. Sci.*, **56**, 1005–1018.

Satoh, M. (1994a): Hadley circulations in radiative-convective equilibrium in an axially symmetric atmosphere, *J. Atoms. Sci.*, **51**, 1947–1968.

Satoh, M. (1994b): *Hadley circulations in radiative convective equilibrium states of an axisymmetric atmosphere*, PhD thesis, University of Tokyo, Tokyo.

Satoh, M., M. Shiobara and M. Takahashi (1995): Hadley circulations and their rôles in the global angular momentum budget in two-and three-dimensional models, *Tellus*, **47A**, 548–560.

Schwartz, S. E., F. Arnold, J.-P. Blanchet, P. A. Durkee, D. J. Hofmann, W. A. Hoppel, M. D. King, A. A. Lacis, T. Nakajima and J. A. Ogren (1995): Group report: Connections between aerosol properties and forcing of climate, in Charlson, R. J. and J. Heintzenberg eds., *Aerosol Forcing of Climate*, 251–280, John Wiley & Sons.

Shen, X. and M. Kimoto (1998): Influence of El Niño on the 1997 Indian summer monsoon, in *Proceedings of International Conference on the Variability and Predictability of the Asian Monsoon. Sep. 22–26, 1998, Xi-an, China*, 170–173, Institute of Atmospheric Physics, Chinese Academy of Sciences.

Shen, X. and M. Kimoto (1999): Influence of El Niño on the 1997 Indian summer monsoon, *J. Met. Soc. Japan*, **77**, in press.

Shen, X., M. Kimoto and A. Sumi (1996): The interannual variability of broad-scale summer monsoon simulated by CCSR/NIES AGCM, GAME 研究集会報告集, 1996 年 1 月 8–9 日, 66–70, 名古屋大学.

Shen, X., M. Kimoto and A. Sumi (1997): Land surface processes associated with interannual variability of broad-scale summer monsoon simulated by the CCSR/NIES AGCM, in *Proceedings of International Workshop On Global Change and Terrestrial Environment in Monsoon Asia*, 188–191, University of Tsukuba.

Shen, X., M. Kimoto and A. Sumi (1998): Role of land surface processes associated with interannual variability of broad-scale summer monsoon as simulated by the CCSR/NIES AGCM, *J. Met. Soc. Japan*, **76**, 217–236.

Shen, X., M. Kimoto, A. Numaguti and A. Sumi (1999a): Simulation of the 1998 East Asian summer monsoon by the CCSR/NIES AGCM, in *International Workshop on the western Pacific warm pool and monsoon, 24–28 August 1999, Huangshan, China.*

Shen, X., M. Kimoto and A. Sumi (1999b): Role of land surface processes associated with interannual variability of broad-scale summer monsoon as simulated by the CCSR/NIES AGCM, in *Proceedings of International Workshop on Land Surface Water Budget. Jan. 19–21, 1999, Tsukuba, Janpan.*

Shi, G.-Y. (1995): Part of chapter 8: k-and ck-distribution model, in *Atmospheric Radiation*, 266–322, China Meteorological Press.

Shi, G.-Y. (1996): Review of radiation schemes in climate models, *Acta Meteorologica Sinica*, **10**, in press.

Shiobara, M., T. Hayasaka, T. Nakajima and M. Tanaka (1990): Aerosol monitoring using a scanning spectral radiometer in Sendai, Japan, *J. Met. Soc. Japan*, **69**, 57–70.

Spinhirne, J. D. and T. Nakajima (1994): Glory of clouds in the near infrared, *Appl. Opt.*, **33**, 4652–4662.

Cohn, S. A., J. Hallett, DarkoKoracin (訳: 木本昌秀) (1997): 気象学での教育と研究の共存, パリティ, **12**, 12–19.

Suginohara, N. (1995): Development of ocean general circulation model, in Matsuno, T. ed., *Climate System Dynamics and Modelling*, 29–33, Center for Climate System Research, University of Tokyo, Tokyo.

Suginohara, N. (1996): Thermohaline effects on upper-layer circulation of the North Pacific, in *1996 WOCE Pacific Workshop: Abstracts*, 64, WOCE.

Suginohara, N. (1999): Sub-Arctic Gyre Experiment in the North Pacific Ocean (SAGE), *PICES Press*, **7**, 30–34.

Suginohara, N. and S. Aoki (1991): Buoyancy-driven circulation as horizontal convection on β-plane, *J. Mar. Res.*, **49**, 295–320.

Suginohara, N. and M. Nakata (1995): Connection between the Atlantic and the Pacific deep waters in ocean general circulation models, in *The XXI General Assembly of the International Association for the Physical Sciences of the Oceans*, 5, IAPSO.

Suginohara, N., S. Aoki and M. Fukasawa (1991): Comments on "On the importance of vertical resolution in certain oceanic general circulation models", *J. Phys. Oceanogr.*, **21**, 1699–1701.

Suginohara, N., S. Aoki and M. Nakata (1993): Modelling of western Pacific abyssal circulation: Preliminary experiment, in Teramoto, T. ed., *Deep Ocean Circulation, Physical and Chemical Aspects*, 285–306, Elsevier.

Sui, C.-H., K.-M. Lau, W.-K. Tao, M. D. Chou and J. Simpson (1993): Simulated water and radiation budgets in the tropics, in *20th Conference on Hurricanes and Tropical Meteorology, 10–14 May 1993, San Antonio, Texas*, 431–434, American Meteorological Society.

Sumi, A. (1992): Pattern formation of convective activity over the aqua-planet with globally uniform sea surface temperature (SST), *J. Met. Soc. Japan*, **70**, 855–876.

Sumi, A. (1995a): Large-scale atmospheric features during TOGA/COARE (invited), in *Proceedings of IAPSO-XXI, PS-12*, IAPSO.

Sumi, A. (1995b): Summary of TOGA-COARE results in Japan (invited), in *International TOGA Conference at Melbornne*, 271, WMO.

Sumi, A. (1998): Satellite remote sensing in the 21st century: Lessons from ADEOS, TRMM and SeaWiFS, in *Procedings of the 9-th Conference on satellite meteorology and oceanography*, Vol. 2, 472–476, AMS.

Sumi, A. and X. S. Shen (1995): Comparison of various levels of closure model on evolution and maintenance of the upper ocean mixed layer during TOGA-COARE IOP, *J. Met. Soc. Japan*, **73**, 611–629.

Suzuki, T., M. Tanaka and T. Nakajima (1993): The microphysical feedback of cirrus cloud in climate change, *J. Met. Soc. Japan*, **71**, 701–714.

Tajika, E. and T. Matsui (1992): Evolution of the atmosphere of the Earth, in *Proceedings of the 25th ISAS Lunar and Planetary Science Symposium*, 178–183.

Tajika, E. and T. Matsui (1993a): Degassing history and carbon cycle of the Earth: From an impact-induced steam atmosphere to the present atmosphere, *Lithos*, **30**, 267–280.

Tajika, E. and T. Matsui (1993b): Evolution of seafloor spreading rate based on ^{40}Ar degassing history, *Geophys. Res. Lett.*, **20**, 851–854.

Takahashi, M. (1993): A QBO-like oscillation in a two-dimensional model derived from a GCM, *J. Met. Soc. Japan*, **71**, 641–654.

Takahashi, M. (1996): Simulation of the stratospheric quasi-biennial oscillation using a general circulation model, *Geophys. Res. Lett.*, **23**, 661–664.

Takahashi, M. (1997): Simulation of the stratospheric quasi-biennial oscillation using a general circulation model, in *Proceeding of the First SPARC General Assembly*, Vol. 1, 9–11, WCRP-99, WMO/TD-No. 814.

Takahashi, M. (1999): Simulation of the quasi-biennial oscillation in a general circulation model, *Geophys. Res. Lett.*, **26**, 1307–1310.

Takahashi, M. and B. A. Boville (1992): A three-dimensional simulation of the equatorial quasi-biennial oscillation, *J. Atoms. Sci.*, **49**, 1020–1035.

Takahashi, M. and B. A. Boville (1993): The numerical simulations of the equatorial quasi-biennial oscillation, in Ye, D., Q. Zeng, G. Wu and Z. Zhang eds., *Climate, Environment and Geophysical Fluid Dynamics: Proceedings of the Fourth International Summer Colloquium and International Symposium for Young Scientists, 20–25 July 1992, Beijing, China*, 46–55, China Meteorological Press.

Takahashi, M. and J. R. Holton (1991): The mean zonal flow response to Rossby wave and gravity wave forcing in the equatorial lower stratosphere: Relationship to the QBO, *J. Atoms. Sci.*, **48**, 2078–2087.

Takahashi, M. and T. Kumakura (1995a): Equatorial wave behavior in a 1/5 sector three-dimensional model: Relation to a QBO-like oscillation, in *Tenth conference on atmospheric and oceanic waves and stability*, 183–184, AMS.

Takahashi, M. and T. Kumakura (1995b): Equatorial wave behavior in a three-dimensional sector model: Relation to the simulated QBO-like oscillation and comparison with a T21 general circulation model, *J. Met. Soc. Japan*, **73**, 1011–1027.

Takahashi, M. and M. Shiobara (1995): A note on a QBO-like oscillation in a 1/5 sector three-dimensional model derived from a GCM, *J. Met. Soc. Japan*, **73**, 131–137.

Takahashi, M., M. Takigawa and H. Akiyoshi (1996): Chemical modeling at CCSR/NIES, in *CAS/JSC working group numerical experimentation, research activity in atmosphere and ocean modeling*, WMO.

Takahashi, M., N. Zhao and T. Kumakura (1997): Equatorial waves in a general circulation model simulating a quasi biennial oscillation, *J. Met. Soc. Japan*, **75**, 529–540.

Takata, K. and M. Kimoto (1998): Impact of soil freezing on the continental-scale seasonal cycle simulated by a general circulation model, in *Proc. VIIth International Conf. on Permafrost, 1998, Yellowknife, N.W.T., Canada*, 1035–1042, Centre d'études Nordiques, Université Laval.

Takayabu, Y. N. and T. Nitta (1993): 3–5 day-period disturbances coupled with convection over the tropical Pacific ocean, *J. Met. Soc. Japan*, **71**, 221–246.

Takayabu, Y. N., T. Ueno, T. Nakajima, I. Matsui, Y. Tsushima, K. Aoki, N. Sugimori and I. Uno (1999): Estimate of the cloud and aerosol effects on the surface radiative flux based on the measurements and the transfer model calculations. Part I: Shortwave forcing at Tateno, Japan, *J. Met. Soc. Japan*, in press.

Takigawa, M., M. Takahashi and H. Akiyoshi (1997): Simulation of ozone and other chemical species by using CCSR/NIES AGCM with coupled chemistry for stratosphere, in *International symposium on atmospheric chemistry and future global environment*, 252–254, IGAC.

Takigawa, M., M. Takahashi and H. Akiyoshi (1999): Simulation of ozone and other chemical species using a CCSR/NIES AGCM with coupled stratospheric chemistry, *J. Geophys. Res.*, **104**, 14003–14018.

Tonna, G., T. Nakajima and R. Rao (1995): Aerosol features retrieved from solar aureole data: A simulation study concerning a turbid atmosphere, *Appl. Opt.*, **34**, 4486–4499.

Tsujino, H. (1999): *Modelling study on thermohaline circulation in the Pacific Ocean*, PhD thesis, University of Tokyo, Tokyo.

Tsujino, H. and N.Suginohara (1999): Thermohaline circulation enhanced by wind forcing, *J. Phys. Oceanogr.*, **29**, 1506–1516.

Tsujino, H. and N. Suginohara (1997): Effects of wind forcing on thermohaline circulation, *EOS, Transactions*, **78**, F356.

Tsujino, H. and N. Suginohara (1998): Thermohaline effects on upper layer circulation of the North Pacific, *J. Geophys. Res.*, **103**, 18665–18679.

Uyeda, H., Y. Asuma, N. Takahashi, S. Shimuzu, O. Kikuchi, A. Kinoshita, S. Matsuoka, M. Katsumata, K. Takeuchi, T. Endoh, M. Ohi, S. Satoh, Y. Tachibana, T. Ushiyama, Y. Fujiyoshi, R. Shirooka, N. Nishi, T. Tomita, H. Ueda, T. Sueda and A. Sumi (1995): Doppler radar observations on the structure and characteristics of tropical clouds during the TOGA-COARE IOP in Manus, Papua New Guinea: Outline of the observation, *J. Met. Soc. Japan*, **73**, 415–426.

Watanabe, M. and M. Kimoto (1999): Tropical-extratropical connection in the Atlantic atmosphere-ocean variability, *Geophys. Res. Lett.*, **26**, 2247–2250.

Watanabe, M. and T. Nitta (1998): Relative impacts of snow and sea surface temperature anomalies on an extreme phase in the winter atmospheric circulation, *J. Climate*, **11**, 2837–2857.

Watanabe, M. and T. Nitta (1999): Decadal changes in the atmospheric circulation and associated surface climate variations in the Northern Hemisphere winter, *J. Climate*, **12**, 494–510.

Watanabe, M. and M. Shinoda (1996): Long-term variability of Asian summer monsoon rainfall during 1946–1988, *J. Met. Soc. Japan*, **74**, 923–934.

Watanabe, A., S. Fukao, M. D. Yamanaka, A. Sumi and H. Uyeda (1993): A rotor circulation near the baiu front observed by the MU radar, *J. Met. Soc. Japan*, **72**, 91–105.

Watanabe, M., M. Kimoto, M. Kachi and T. Nitta (1999): A comparison of decadal climate oscillations in the North Atlantic detected in obsertvations and a coupled GCM, *J. Climate*, in press.

Wendisch, M., S. Mertes, A. Ruggaber and T. Nakajima (1995): Vertical profiles of aerosol and radiation under cloudless conditions: Measurements and radiative transfer calculations, *J. Appl. Meteor.*, **35**, 1703–1715.

Yamanaka, Y. (1995): *Development of Ocean Biogeochemical General Circulation Model*, PhD thesis, University of Tokyo, Tokyo.

Yamanaka, Y. and E. Tajika (1995): Modeling of oceanic carbon cycle (abstract), in *Proc. NIPR Symp. Polar Meteorol. Glaciol.*, Vol. 9, 194.

Yamanaka, Y. and E. Tajika (1996): The role of the vertical fluxes of particulate organic matter and calcite in the oceanic carbon cycle: Studies using an ocean biogeochemical general circulation model, *Global Biogeochem. Cycles*, **10**, 361–382.

Yamanaka, Y. and E. Tajika (1997): Role of dessolved organic matter in the marine biogeochemical cycle: Studies using an ocean biogeochemical general circulation model, *Global Biogeochem. Cycles*, **11**, 599–613.

Yoshikawa, I., M. Ishii and M. Kimoto (1995a): Characteristics of JMA coupled ocean-atmosphere model, in *Proceedings of International Workshop on Numerical Prediction of Oceanic Variations*, 189–194, Japan Meteorological Agency.

Yoshikawa, I., M. Kimoto and M. Ishii (1995b): Ocean data assimilation system for climate monitoring at JMA, in *Second International Symposium on Assimilation of Observations in Meteorology and Oceanography, Tokyo, 13–17 March 1995, WMO/TD No. 651, vol. II*, 561–564.

You, Y. (1997): Seasonal variations of thermocline circulation and ventilation in the Indian Ocean, *J. Geophys. Res.*, **102**, 10391–10422.

You, Y. (1998): Rain-formed barrier layer of the western equatorial Pacific warm pool: A case study, *J. Geophys. Res.*, **103**, 5361–5378.

Zhang, R., A. Sumi and M. Kimoto (1996): Impact of El Niño on the East Asian monsoon: A diagnostic study of the '86/87 and '91/92 events, *J. Met. Soc. Japan*, **74**, 49–62.

Zhang, R., A. Sumi and M. Kimoto (1999): A diagnostic study of the impact of El Niño on the precipitation in China, *Adv. Atmos. Sci.*, **16**, 229–241.

Zhao, F. and T. Nakajima (1995): The effect of anthropogenic aerosols on optical thickness and particle size of clouds, *Retrieval algorithm*, **II**, 111–116.

Zhao, N. and M. Takahashi (1996): Super- and sub-harmonic responses of tropical Kelvin waves to the heating with a seasonal modulation, *J. Met. Soc. Japan*, **74**, 115–123.

Zhao, F., T. Nakajima and T. Nakajima (1994): Remote sensing study of the aerosol optical thickness, cloud microphysics and their interaction over East China Sea and ASTEX regions, in *The 8th Conference on Atmospheric Radiation*, 392–393, American Meteorological Society.

Zhao, N., M. Takahashi and Y. H. Ding (1999): Detecting the tropical waves within intraseasonal oscillation/super cloud cluster system, *ACTA METEOROLOGICA SINICA (in Chinese)*, **57**, 84–95.

秋吉英治, 高橋正明 (1996): 光化学輸送モデルによるオゾン層変動の研究, 第 6 回大気化学シンポジウム, 94–99, 名古屋大学太陽地球環境研究所.

阿部彩子 (1994): 地球史におけるミランコヴィッチサイクルと氷床変動: 第四紀氷床変動モデリングからのヒント, 月刊 地球, **号外 No. 10**, 104–111.

阿部彩子 (1995): CLIVAR/PAGES (気候変動と古気候に関する会議) の報告, 天気, **42**, 29–32.

阿部彩子 (1996): 地球史をみる, 特集「気象学を見る」, アエラムック, 朝日新聞社, 東京.

阿部彩子 (1997): 大気海洋結合大循環モデルによる 地球温暖化等の気候変動研究, 気候研究の最前線, 気候システム研究叢書, 第 2 巻, 117–130, 東京大学気候システム研究センター, 東京.

阿部彩子, 増田耕一 (1996): 第 4 章 第四紀の気候変動, 気候変動論, 岩波講座地球惑星科学, 第 11 巻, 103–156, 岩波書店, 東京.

石岡圭一, 佐藤薫, 佐藤正樹, 高橋正明, 野沢徹, 堀之内武, 山根省三, 余田成男 (1996): 第 10 回大気・海洋の波と安定性に関する研究集会の報告, 天気, **43**, 113–118.

伊藤久徳, 木本昌秀 (1994a): カオス的遍歴と天候レジーム, 日本気象学会 1994 年秋季大会講演予稿集, 266.

伊藤久徳, 木本昌秀 (1994b): 現実的な地形を持つ傾圧準地衡風モデルにおけるカオスへのルートと天候レジームの力学的根拠, 日本気象学会 1994 年春季大会講演予稿集, 72.

伊藤久徳, 木本昌秀 (1995): 現実的な地形を持つ準地衡風モデルにおける傾圧波と Rossby 波列, 日本気象学会 1995 年春季大会講演予稿集, 88.

岩崎俊樹, 余田成男, 露木義, 高野清治, 木本昌秀 (1999): 1998 年度日本気象学会春季大会シンポジウム「予測可能性—カオスへの挑戦」の報告, 天気, **46**, 169–196.

沖理子 (1993): TOGA-COARE 観測データへのアクセスについて, 月刊海洋, **25**, 517–522.

沖理子 (1994): 衛星観測による気候値の定量的評価に関する研究, PhD thesis, 東京大学, 東京.

沖理子 (1995): J-COARE データとその公開, 月刊海洋, **27**, 189–194.

可知美佐子, 新田勍 (1997): 海洋上層水温客観解析データセットを用いた 太平洋 10 年規模変動の研究, 月刊海洋, **29**, 649–654.

菊池幸雄 (1993a): 人間活動が都市とその周辺地域の気候に及ぼす影響, 第二回伊藤忠シンポジウム, 5–12, 伊藤忠商事, 東京大学気候システム研究センター.

菊池幸雄 (1993b): 都市が地域の気候を変える, *Security*, **68**, 12–17.

菊池幸雄 (1994): 都市温暖化に関する最近の知見: ヒートアイランド現象のシミュレーション, シンポジウム「蓄熱式空調システムと都市環境」, 1–38, ヒートポンプ技術開発センター.

北村佳照, 石井正好, 木本昌秀, 轡田邦夫, 黒田芳史, 高野清治 (1998): 「97/98 エルニーニョ解剖: “史上最大級” の謎に迫る」 春季大会シンポジウム, 海の研究, **7**, 323–331.

鬼頭昭雄, 中島映至 (1998): IPCC 2001 年レポートの準備始まる, 天気, **45**, 809–813.

木本昌秀 (1994): 気象予報とカオス, *Kast Report*, **6**, 14–19.

木本昌秀 (1995a): エルニーニョと異常気象の予測, 科学, **65**, 389–397.

木本昌秀 (1995b): 地球気候のシミュレーション, シミュレーション, **14**, 286–292.

木本昌秀 (1996a): エルニーニョカオス, 数理科学, **No. 401**, 81–85.

木本昌秀 (1996b): ブロッキング (中高緯度の長周期変動), 日本気象学会第 30 回夏季大学テキスト, 1–10, 日本気象学会, 東京.

木本昌秀 (1996c): 異常気象とブロッキング, 気象学のみかた, AERA Mook「New 学問のみかた」シリーズ, 第 2 巻, 92–97, 朝日新聞社, 東京.

木本昌秀 (1997a): 数値予報から気候変動予測へ, パリティ, **12**, 53–56.

木本昌秀 (1997b): 大気海洋結合モデルでシミュレートされた 北太平洋 10 年振動, 月刊海洋, **29**, 654–658.

木本昌秀 (1998a): 環太平洋大気海洋結合変動の理解にむけて, 気候システム変動の謎に挑む, 気候システム研究叢書, 第 3 巻, 189–195, 東京大学気候システム研究センター, 東京.

木本昌秀 (1998b): 熱帯大気海洋結合系における季節変動過程の数値実験による解明, 平成 7 ～ 9 年度科学研究費補助金 (基盤研究 (B)(2)) 研究成果報告書, 103pp.

木本昌秀, 伊藤久徳 (1995): ブロッキングの局所非線型共鳴理論, グロースベッター, **33**, 1–8.

木本昌秀, 伊藤久徳 (1996): 気象におけるパターン生成・崩壊のダイナミクス, 数理科学, **No. 396**, 57–62.

木本昌秀, 沈学順 (1995): 空海 CCSR: 大気—表層海洋結合モデル, 日本気象学会 1995 年春季大会講演予稿集, 72.

木本昌秀, 沈学順 (1997): 大循環モデルを用いた気候変動研究: モンスーンとエルニーニョ, 気候研究の最前線, 気候システム研究叢書, 第 2 巻, 91–116, 東京大学 気候システム研究センター, 東京.

木本昌秀, 住明正, 升本順夫, 中村恵子 (1996): 観測ブイネットワーク配置に関する基礎的研究成果報告書, 日本気象学会.

木本昌秀, 吉川郁夫, 石井正好, 沈学順 (1997): 数値モデルによる 93/94 年夏の異常天候についての 一考察, 気象研究ノート, **189**, 232–248.

久保田雅久 (1995a): 顕熱・潜熱フラックスの評価, 1995 年度日本海洋学会秋季大会講演要旨集, 426–427.

久保田雅久 (1995b): 人工衛星による海上風の観測, 第 13 回 海洋工学シンポジウム, 平成 7 年 7 月 20, 21 日, 9–12, 日本造船学会.

久保田雅久 (1995c): 人工衛星による観測の過去・現在・未来, 1995 年度日本海洋学会秋季大会講演要旨集, 421–422.

久保田尚之 (1999): 熱帯海洋上の対流活動の日変化, PhD thesis, University of Tokyo, Tokyo.

倉本圭, 松井孝典 (1996): 地球はなぜ水惑星なのか, 科学, **66**, 193–201.

黒川純一, 秋元肇, 高橋正明 (1998): 対流圏光化学過程を組み込んだ大気大循環モデル (CCSR-NIES AGCM) による対流圏 O_3 グローバル分布の計算, 第 8 回大気化学シンポジウム, 名古屋大学太陽地球環境研究所.

後藤隆, 久保田雅久 (1995): 黒潮流路パターンを考慮した海面高度場の算出, 東海大学紀要海洋学部, **40**, 1–18.

佐藤尚毅, 高橋正明 (1998): 夏の関東平野における積雲対流の日々変化, 第 13 回大気圏シンポジウム, 1–4, 宇宙科学研究所.

沈学順, 木本昌秀 (1995): CCSR/NIES AGCM に現れたインドモンスーンの強弱とその前兆, 日本気象学会 1995 年秋季大会講演予稿集, 92.

沈学順, 木本昌秀 (1997): モデルに現れた熱帯大気海洋結合系の準 2 年振動, 日本気象学会 1997 年秋季大会講演予稿集, 第 72 巻, 120.

沈学順, 木本昌秀 (1998): 97 年インドモンスーンについて, 日本気象学会 1998 年春季大会講演予稿集, 第 73 巻, 142.

沈学順, 木本昌秀, 沼口敦 (1995): CCSR/NIES 大気大循環モデルの観測された SST に対す るレスポンス, 日本気象学会 1995 年春季大会講演予稿集, 67.

須賀利雄, 羽角博康, 西野茂人, 石田明生 (1998): WOCE Conference “Ocean Circulation and Climate” に参加して: 若手参加者の感想 · 印象, 海の研究, **7**, 334–338.

杉ノ原伸夫 (1991a): 2.1 節. 世界の海の水の循環, 日本海洋学会（編）, 海と地球環境: 海洋学の最前線, 62–74, 東京大学出版会.

杉ノ原伸夫 (1991b): 海洋の熱塩循環, 科学, **61**, 173–180.

杉ノ原伸夫 (1992a): 海の中の大河が気候を決める, 科学朝日, **52**, 14–17.

杉ノ原伸夫 (1992b): 海洋大循環, 保原充, 大宮司久明（編）, 数値流体力学, 347–349, 東京大学出版会, 東京.

杉ノ原伸夫 (1992c): 海洋大循環: 中層水の役割, 天気, **39**, 48–50.

杉ノ原伸夫 (1992d): 第 3 章 専門分野ごとの海洋学の進歩: 3.1 海洋物理学, 海の研究, **1**, 60–61.

杉ノ原伸夫 (1994): 超高鉛直分解能モデルによる浮力駆動循環の実験, 月刊 海洋, **号外 No. 6**, 113–118.

杉ノ原伸夫 (1995a): WOCE と日本の海洋学, 月刊海洋, **号外 No. 9**, 10–11.

杉ノ原伸夫 (1995b): 第 21 回 IAPSO 総会出席報告, 海の研究, **5**, 455–456.

杉ノ原伸夫 (1996): WOCE: 世界海洋循環実験, 環境情報科学, **25-1**, 99.

杉ノ原伸夫 (1997a): CCSR 海洋モデル, 気候研究の最前線, 気候システム研究叢書, 第 2 巻, 57–64, 東京大学 気候システム研究センター, 東京.

杉ノ原伸夫 (1997b): WOCE Pacific Workshop 報告, 海の研究, **6**, 33–34.

杉ノ原伸夫 (1997c): 気候変動と海洋データ, in *Proceedings of International symposium on oceanic data and infurmator: The future of ocean and mankind*, 9, 日本水路協会, 東京.

杉ノ原伸夫 (1999a): 海洋深層循環, 第 48 回理論応用力学講演会講演論文集, 133–134.

杉ノ原伸夫 (1999b): 地球の気候を決める海洋深層循環, トランスポート, **49**, 46–47.

杉ノ原伸夫 (1999c): 北太平洋亜寒帯循環と気候変動に関する国際共同研究計画 (SAGE), 海の研究, **8**, 281–284.

杉ノ原伸夫, 長島秀樹, 山形俊男, 吉田次郎 (1994): 永田豊教授の業績, 月刊海洋, **号外 No. 6**, 7–10.

住明正 (1990): エル・ニーニョとラ・ニーニョ, 日本機械学会誌, **93**, 60.

住明正 (1991): 大気大循環モデルの現状, 日本機械学会誌, **94**, 2–5.

住明正 (1993a): TOGA-SSG-XII 報告, 天気, **40**, 53–54.

住明正 (1993b): 「検証 戦争と気象」, 天気, **40**, 73–74.

住明正 (1993c): 気候の数値モデル, 第 27 回夏季大学: 新しい気象学, 12–19, 日本気象学会.

住明正 (1993d): 四次元同化作用とは, *J. Adv. Mar. Tech. Conf.*, **8**, 47–51.

住明正 (1993e): 西太平洋大気-海洋相互作用研究計画 (J-COARE) の経過と概要, 月刊 海洋, **25**, 449–454.

住明正 (1993f): 第 1 回 CLIVER-SSG 報告, 天気, **40**, 47–48.

住明正 (1993g): 地球の気候はどう決まる?, 岩波書店.

住明正 (1993h): 東京大学気候システム研究センター, 天気, **40**, 59–62.

住明正 (1994a): CLIVER-SSG 3 のまとめ, 天気, **41**, 63–64.

住明正 (1994b): TOGA-SSG13 の報告, 天気, **41**, 61–62.

住明正 (1994c): 異常気象と気候変動, 歴史と地理, **464**, 1–10.

住明正 (1995a): J-COARE の成果の概要, 月刊 海洋, **27**, 137–140.

住明正 (1995b): JSC-16 報告, 天気, **42**, 67–71.

住明正 (1995c): TOGA を中心にした熱帯大気-海洋結合系の研究について, 天気, **42**, 5–15.

住明正 (1995d): 気象・環境科学におけるスーパコンピューティング, 情報処理, **36**, 159–163.

住明正 (1996a): 第 1 章 気候の形成, 気候変動論, 岩波講座地球惑星科学, 第 11 巻, 1–32, 岩波書店, 東京.

住明正 (1996b): 第 1 章 地球環境をめぐる諸問題, 地球環境論, 岩波講座地球惑星科学, 第 3 巻, 1–10, 岩波書店, 東京.

住明正 (1996c): 第 4 章 気候システム, 地球システム科学, 岩波講座地球惑星科学, 第 2 巻, 99–143, 岩波書店, 東京.

住明正 (1997): 第 1 章 数値地球科学とは, 数値地球科学, 岩波講座地球惑星科学, 第 7 巻, 1–5, 岩波書店, 東京.

住明正 (1998): 気象の観測, エネルギー・資源, **19**, 145–150.

住明正, 平朝彦 (1997): 第 4 章 予知・防災の地球科学, 社会地球科学, 岩波講座地球惑星科学, 第 14 巻, 173–218, 岩波書店, 東京.

住明正, 竹内謙介 (1991): TOGA-COARE 実施計画会議の報告, 天気, **38**, 45–51.

住明正, 竹内謙介, 藤谷徳之助, 上田博, 高橋劭, 中澤哲夫 (1993): TOGA-COARE 計画について, 天気, **40**, 3–21.

住明正, 沼口敦, 尾瀬智昭, 山中康裕, 時岡達志 (1994): M3: Global climate models, 天気, **40**, 69–75.

高田久美子, 阿部彩子, 木本昌秀, 沼口敦, 住明正 (1995): CCSR/NIES 大気-海洋混合層結合モデルによる CO_2 倍増実験, 日本気象学会 1995 年春季大会講演予稿集, 80.

高橋正明 (1991): アメリカ滞在記, 天気, **38**, 43–44.

高橋正明 (1992): 準 2 年振動の力学, 気象研究ノート, 第 176 巻, 73–91.

高橋正明 (1993): 準 2 年周期振動の力学について, 月刊地球, **16**, 40–43.

高橋正明 (1995): 2 数値実験による準 2 年周期振動の研究: 1994 年度日本気象学会賞受賞記念講演, 天気, **42**, 3–12.

高橋正明 (1996): 気候センターでの成層圏モデリング, 天気, **43**, 468–473.

高橋正明 (1997): 気候センターでの成層圏モデリング, 気候研究の最前線, 気候システム研究叢書, 第 2 巻, 1–12, 東京大学気候システム研究センター, 東京.

高橋正明 (1998): 化学輸送モデル：グローバルモデル, 大気組成変動予測研究に関わる研究の現状と今後の課題, 67–68, 地球科学技術フォーラム.

滝川雅之, 高橋正明, 秋吉英治 (1998): CCSR/NIES AGCM を用いた大気化学結合モデルに よるオゾン変動の研究, 第 8 回大気化学シンポジウム, 名古屋大学太陽地球環境研究所.

田近英一 (1992): 惑星科学と生命の起源, 日本惑星科学会誌 · 遊星人, **1**, 123–126.

田近英一 (1993): 大気 · 海洋の起源と進化, 天気, **40**, 423–427.

田近英一 (1994): 第 2 章「大気と海の誕生」, 神奈川県立博物館（編）, 新しい地球史: 46 億年の謎, 35–58, 有隣堂.

中島映至 (1991): 気候変動, パリティ, **6**, 6–13.

中島映至 (1993): 気候の中の雲の役割, 科学, **63**, 658–663.

中島映至 (1994): 放射と気候のこと, 天気, **41**, 399–408.

中島映至 (1996): 温暖化のメカニズム, 半田暢彦（編）, 大気水圏科学から見た地球温暖化, 11–67, 名古屋大学出版会, 名古屋.

中島映至 (1997a): 気候と放射研究の周辺: WCRP 放射フラックスワーキンググループ報告を踏まえて (On the climate and radiation studies: Attending the WCRP WGRF meeting), 天気, **44**, 435–443.

中島映至 (1997b): 放射構造の観測: 放射に関する最近の話題と航空機観測による検証, 天気, **44**, 17–20.

中島映至 (1998): 地球温暖化の科学「地球についてもっと知るために」, ゐれきてる, **69**, 8–12.

永島達也, 高橋正明, 滝川雅之 (1998): 大気大循環モデルを用いたオゾンホール再現実験, 第 13 回大気圏シンポジウム, 62–65, 宇宙科学研究所.

新田勍 (1992a): 大気・海洋の 10 年スケールの変動: 観測データから, 天気, **39**, 66–68.

新田勍 (1992b): 熱帯の気象と日本の天候, 天気, **39**, 53–57.

新田勍 (1993a): 1970 年代 ∼ 1980 年代にかけての大気 · 海洋変動, グロースベッター, **32**, 1–9.

新田勍 (1993b): TRMM (熱帯降雨観測衛星) 計画について, 天気, **40**, 34–37.

新田勍 (1993c): 温暖化の事実, 第 27 回夏季大学: 新しい気象学, 37–48, 日本気象学会.

新田勍 (1995a): 気候システムの謎をさぐる, *ingelheimer*, **32**, 30–35.

新田勍 (1995b): 最近の気候変動の実態, *Transport*, **45**, 30–31.

新田勍 (1995c): 最近の日本の天候の特徴とその要因, 異常気象と日本: そのメカニズムを考える, 第 2 回 日本気象学会中部支部公開気象講座, 60–65, 日本気象学会中部支部.

新田勍 (1996): 大気と海洋に見る十年スケールの変動, 海と空, **71**, 81–87.

新田勍 (1997): 大気—海洋システムの数十年規模変動, 気候研究の最前線, 気候システム研究叢書, 第 2 巻, 191–199, 東京大学 気候システム研究センター, 東京.

新田勍, 古津年章, 中村健治, 中澤哲夫, 小池俊雄 (1995): 日米合同 TRMM (熱帯降雨観測衛星計画) サイエンスチーム会議出席報告, 天気, **42**, 21–24.

新田勍, 冨田智彦, 鬼頭昭雄, 山崎信雄 (1994): M1/M2: Atmosphere/ocean interaction-monsoon and tropical monsoon, 天気, **40**, 61–64.

新田勍, 吉村純 (1992): 全球地上気温の長期変動, 月刊 海洋, **号外 No. 5**, 152–155.

二宮洸三 (1998–99): 雪のなぞ, 日本経済新聞, 全 11 回連載 (20 Dec. 1998 – 7 Mar. 1999).

二宮洸三 (1998a): 気象予報の物理学, オーム社, 東京.

二宮洸三 (1998b): 防災対応とマニュアルの問題点, 季刊インタリスク, **12 月号**, 20–23.

二宮洸三 (1999): 気象と地球の環境科学, オーム社, 東京.

二宮洸三, 新田尚, 山岸米二郎（編） (1997): 気象の大百科, オーム社, 東京.

日本気象学会（編） (1998): 気象科学事典, 東京書籍, 分担執筆 (木本昌秀).

沼口敦 (1997): 大陸スケールの水循環の水蒸気源と再循環過程, 日本気象学会 1997 年春季大会講演予稿集, 120.

沼口敦, 桑形恒男 (1997): 1997 年 GAME Tibet POP におけるチベット高原上の水循環, 1997 年度 GAME 国内研究集会発表要旨集, 70–71.

沼口敦, 杉本敦子 (1997): 水の同位体循環モデルを利用した大陸スケール水循環の研究 (1), 日本気象学会 1997 年秋季大会講演予稿集, 253.

沼口敦, 杉本敦子 (1998): 水の同位体循環モデルを利用した大陸スケール水循環の研究 (2): 季節変化と陸面過程, 日本気象学会 1998 年秋季大会講演予稿集, 57.

羽角博康 (1997): NATO Advanced Institute 夏の学校報告, 海の研究, **6**, 415–416.

羽角博康, 榎本剛 (1998): フランスでの NATO 夏の学校「地球の気候とその変動のモデリング」に参加して, 天気, **45**, 81–84.

原田朗, 安成哲三, 酒井重典, 小出孝, 新田勍 (1996): 気象研究所講演会「1994 年の記録的猛暑」, 測候時報, **42**, 151–187.

日比谷紀之, 丹羽淑博, 中島健介, 杉ノ原伸夫 (1997): 海洋内部波の非線型相互作用による乱流スケールのエネルギーカスケードアップ過程の数値実験, 気候研究の最前線, 気候システム研究叢書, 第 2 巻, 79–89, 東京大学 気候システム研究センター, 東京.

廣田勇, 高橋正明, et al. (1997): 第 1 回国際 SPARC 報告, 天気, **44**, 467–468.

朴 (小野) 恵淑, 安成哲三, 沖理子, 尾田敏範 (1994): 地上気温変動の季節性に着目した都市気候成分の解析, 地理学評論, **67A**, 561–574.

松本淳, 沼口敦, 沈学順 (1998): GAME IOP 期間のアジアモンスーン域の大規模場の概況 (速報), 日本気象学会 1998 年秋季大会講演予稿集, 第 74 巻.

山中康裕 (1993): 気候変動における極域海洋の役割, 月刊海洋, **25**, 550–554.

山中康裕 (1994a): 海洋生物化学大循環モデルを用いた炭素循環の研究: 地球表層環境の 3 次元的物質分布を再現するモデリング, 月刊地球, **号外 No. 10**, 97–104.

山中康裕 (1994b): 海洋炭素循環に対するモデリング: 海洋中の物質分布を再現する試み, 月刊海洋, **号外 No. 6**, 184–191.

山中康裕 (1994c): 最終氷期および最終融氷期の気候へのモデリング: 大循環モデルを利用した古環境の研究例, 地質ニュース, **475**, 54–59.

山中康裕 (1996a): 海洋物質循環と古海洋, 天気, **43**, 476–482.

山中康裕 (1996b): 溶存有機物の生成消滅速度とその全海洋規模の濃度分布: 海洋生物化学大循環モデルを用いた研究, 月刊海洋, **号外 11 (半田教授退官記念号)**, 156–163.

山中康裕 (1997): 海洋の生物地球化学的サイクルのモデリング: 1996 年度堀内基金奨励賞講演, 天気, **44**, 835–845.

山中康裕 (1999): 海洋の生物地球化学物質循環モデルの開発: 1998 年度日本海洋学会岡田賞受賞記念講演, 海の研究, **8**, 25–35.

山中康裕, 阿部彩子 (1995): どのような気候状態が存在するか?: シンプルモデルを用いた研究例, 月刊地球, **17**, 265–268.

山中康裕, 阿部彩子 (1996): 海洋における人為起源物質の濃度分布のモデルによる再現, 月刊海洋, **28**, 510–515.

山中大学, 中島映至 (1998): インドネシア火災と気象・気候, 日本火災学会誌, **48**.

山中大学, 村上勝人, 荻野和彦, 新田勍, 小川忠彦 (1994): 「インドネシア地域における赤道大気観測に関する第 4 回 国際シンポジウム」の報告, 天気, **41**, 47–53.

横田秀和, 久保田雅久 (1995): TOPEX と POSEIDON 両高度計データ間にみられる相対バイアスの評価, 海の研究, **4**, 407–414.

吉川郁夫, 木本昌秀, 石井政好 (1995a): 低解像度版大気数値予報モデルを用いた夏のシミュレーショ ン: 海面水温のインパクト, ヤマセシンポジウム「'93 年ヤマセとその周辺」Extended Abstract 集, 109–114.

吉川郁夫, 石井政好, 木本昌秀, 千葉長, 黒田友二 (1995b): 空海 JMA: 気象庁大気海洋結合モデル, 日本気象学会 1995 年春季大会講演予稿集, 71.

渡部雅浩, 新田勍 (1997a): 1989 年の大気循環のシフト: 数値実験, 月刊海洋, **29**, 699–703.

渡部雅浩, 新田勍 (1997b): 冬季北半球における近年の気候変化と 10 年規模変動, 天気, **44**, 59–64.

渡部雅浩, 木本昌秀, 新田勍, 可知美佐子 (1998): 北大西洋 10 年規模変動: 観測とモデル, 気候システム変動の謎に挑む, 気候システム研究叢書, 第 3 巻, 197–209, 東京大学 気候システム研究センター, 東京.

朝日新聞 (1998, October 16): ちり大移動予測します.

朝日新聞 (1998, Novermber 11): 遅い梅雨明け, 夏の異常気象: 北極の温暖化が原因.

朝日新聞 (1999, January 22): 気候変動: エルニーニョ増加めぐり解釈対立.

朝日新聞 (1999, February 5): エアロゾル 気温低下にどう影響.

朝日新聞 (1999, February 19): 変わる植生: 蒸発量や反射に影響.

朝日新聞 (1999, March 5): 氷期と間氷期: 背景に揺れる自転軸.

朝日新聞 (1999, June 11): 昨夏の東アジアの集中豪雨: インド洋の異常高温が原因.

岩手日報 他 14 紙 (1997, June 21): 世界各地に異常気象: エルニーニョまた出現.

河北新報 (1998, October 11): 「ぐずつく夏」今後も続きそう: 地球温暖化が原因, オホーツク海高気圧強め, 梅雨前線の北上を抑える.

サイアス (1996, July 5): 夏の 1ヶ月予報、カオスの壁に挑む!!, 朝日新聞社.

DIME, (1998, July): ラニーニャ: 今度はラニーニャ発生で大寒波到来か?, 小学館.

テレビ朝日 (1999, January 5): スーパー J チャンネル: 1998 年全球地表記録更新.

テレビ朝日 (1999, August 30): スーパー J チャンネル: 局地的豪雨について.

東典日報 他 8 紙 (1997, May 10): 予測の科学: 限界ある天気予報.

２年の学習 (1998, July): エルニーニョってなに?

日本経済新聞 (1994, May 9): 海の物質循環モデル開発.

日本経済新聞 (1997, October 11): 大気中の微粒子とらえた: 東大などが衛星画像で日本周辺でも確認.

日本経済新聞 (1998, November 7): 東大など 大気中の微粒子の分布数値モデル使い再現.

日本テレビ (1998, July 9): ズームイン朝: オレゴンの海水位低下とエルニーニョ.

日本放送協会 (1996, March 23): にっぽん名物研究室: スーパーコンピュータで調べる異常気象.

日本放送協会 (1998, June 20): サイエンスアイ: TRMM 衛星の気候変動研究へのインパクト.

読売新聞 (1997, April): 西日本、来世紀に凶作?: 温暖化で悲観的予測相次ぐ.

読売新聞 (1998, December 25): 異常気象いつまで.