

3.4 List of Publications, Presentations and Reports

(1) Publications (Apr.1997-Mar.1998)

Subdivision of Natural Environment

- Kamichika, M. (Sep. 1997) : Ecology in sand dunes and deserts, Science of flow, Giho-do, pp.6-16
- Kimura, R., Kondo, J., Otsuki, K. and Kamichika, M. (Jun. 1997) : Estimation of bulk transfer coefficient and surface moisture availability on a sorghum field in sand dune, J.Agric.Meteorol., 53(2), pp.131-140 (in Japanese with English Summary)
- Kamichika, M. (Aug. 1997) : Changes of vegetation and regional environment, Applied Meteorology and Climate Resources, 10, pp.52-56 (in Japanese)
- Abe, Y., Otsuki, K. and Kamichika, M. (Sep. 1997) : Estimation of surface soil water content of sand dune at night, J.Agric.Meteorol., 53(3), pp.185-190 (in Japanese with English Summary)
- Nakamoto, K., Hayakawa, S., Kamichika, M. and Tsuji, T. (Nov. 1997) : Measurement and simulation on the profiles of atmospheric carbon dioxide concentration over the vegetation under the advective condition, Report of the Chugoku-Shikoku Chapter of the Society of Agricultural Meteorology of Japan, pp.1-8
- Otsuki, K. (Nov.1997) : II. Irrigation planing, The textbook of the training lecture for upland irrigation engineers, Society of Promotion of Upland Farming, II1-58 (in Japanese)
- Kimura, R., Kondo, J., Otsuki, K. and Kihara, Y, M. (Dec.1997) : A leaf bulk transfer coefficient model for latent heat flux and its application to a lawnland, J.Agric.Meteorol., 53(4), pp.307-314 (in Japanese with English Summary)

Subdivision of Water Resources

- Nakano, Y., Kuroda, M., Yano, T. and Inosako, K. (Mar.1997) : Water consumption under advective conditions in irrigated fields under an arid climate, J. Agric. Meteorol., 52(5), pp.457-460
- Regea, M., Yano, T. and Shainberg, I. (Apr.1997) : The response of low and high swelling smectites to sodic conditions, Soil Science, 162(4), pp.299-307
- Kitamura, Y. (Apr.1997) : Features of water use and irrigated agriculture and future prospect of food security in India, Jour. JSIDRE, 65(4), pp.71-77 (in Japanese)
- Kitamura, Y. (Oct.1997) : 20.1 Outline of water utilization in the world, 20.2 Various forms of water utilization in the world, Handbook for Hydrology & Water Resources, Edited by Japan Society of Hydrology and Water Resources, Asakura-Shoten, pp.585-590, pp.590-602 (in Japanese)
- Kitamura, Y., Murashima, K., Ogino, Y., Tada, H. and Smedema, L. (Nov.1997) : Manifold drainage problems and research and development (R&D) needs in the Asian humid tropics, 7th ICID International Drainage Workshop, Malaysia, pp.T9-1-T9-12
- Kitamura, Y., Yano, T. and Suzuki, S. (Feb.1998) : Effects of paddy-based agriculture on environmental conservation in Asian countries, Jour. JSIDRE, 66(2) , pp.1-7 (in Japanese)

Subdivision of Plant Ecophysiology

- Sugimoto, Y., Uchida, S., Inanaga, S. and Isogai, A. (Mar.1997) : Effect of P-450 inhibitors on benzyloisoquinoline alkaloid biosynthesis in cultured roots of *Stephania cepharantha* and *Menispermum dauricum*, J. Plant Physiol., 150 (4), pp. 376-380
- Matsuura, A. and Inanaga, S. (Jun.1997) : Drought tolerance and root system in crop plants 1, Root Research 6, pp. 62-64 (in Japanese)
- Matsuura, A. and Inanaga, S. (Sep.1997) : Drought tolerance and root system in crop plants 2, Root

Research 6, pp. 116-119 (in Japanese)

Ali, I. A., Kafkafi, U., Yamaguchi, I., Sugimoto, Y. and Inanaga, S. (Sep.1997) : Gibberellin, cytokinins, nitrate content and rate of water transport in the stem in response to root temperature, Proc. XIII Intl. Plant Nutrition Colloquium entitled Plant nutrition - for sustainable food production and environment, (ed.) T. Ando et al., pp. 675-680

Selected for special issue of Soil Sci. Plant Nutr., 43, pp. 1085-1090

Lux, A. and Inanaga, S. (Oct.1997) : The atypical structure of the young roots of desert succulent *Echinocactus plantyacanthus*. (in German with English Summary), *Stepfia*, 50, pp. 289-293

Shimotashiro, T., Inanaga, S., Sugimoto, Y., Matsuura, A. and Ashimori, M. (Mar.1998) : Non destructive method for root elongation measurement in soil using acoustic emission sensors I. Vertical measurement of single root elongation, *Plant Prod. Sci.*, 1 (1), pp. 25-29

Sugimoto, Y., Wigchert, S., Thuring, J. W. and Zwanenburg, B.(Mar.1998) : Synthesis of all eight stereoisomers of the germination stimulant sorgolactone, *J. Org. Chem.*, 63 (4), pp. 1259-1267

Subdivision of Plant Production

Inoue, M. and Takeuchi, Y. (June 1997) : Application of buried-type electrical tensiometers to control soil moisture in sand vegetable cultivation, *Sand Dune Research*, 44(1), pp.30-35 (in Japanese with English Summary)

Subdivision of Revegetation and Grassland Development

Tamai, S. (Oct. 1997) : Resources of hardwood –distribution and stock-, “Silviculture and Utilization of Hardwood” (Edited by Tottori University Hardwood Research Group), Kaiseisha, Ootsu, pp.17-24 (in Japanese)

Yamanaka, N., Nagamasu, H. and Umebayashi, M. (Jul.1997) : Seedlings of woody plants in the Kyoto University Forest in Ashiu 7. Trochodendraceae, Eupteleaceae, Cercidiphyllaceae, Hippocastanaceae, Flacourtiaceae and Stachyuraceae, *J. Phytogeogr. & Taxon* , 45, pp.13-21 (in Japanese with English summary)

Yamanaka, N. (Dec.1997) : Role of sprout in the life history strategies of shrub trees. *Jour. Soc. for the Study of Species Biology*, 21, pp.61-70 (in Japanese)

Tokuoka, M., Ozaki, Y., Tamai, S. and Yamanaka N. (Mar. 1998) : Pre-planting with *Salix psammophila* on coastal sand dunes () Direct planting of cuttings. *Bull. Kyoto Pref. Univ. For.*, 42, pp.1-10 (in Japanese with English summary)

Subdivision of Land Conservation

Inoue, M. and Takeuchi, Y. (June 1997) : Application of buried-type electrical tensiometers to control soil moisture in sand vegetable cultivation, *Sand Dune Research*, 44(1), pp.30-35 (in Japanese with English Summary)

Fujimaki, H., Toride, N., Yamamoto, T. and Inoue, M. (Aug.1997) : Solute transport during evaporation in a sand column with a shallow water table, *Trans. of JSIDRE*, No.190, pp.77-86 (in Japanese with English Summary)

Agodzo, S. K., Nishio, T. and Yamamoto, T. (Aug. 1997) : Trickle irrigation of okura based on small pan evaporation schedule under glasshouse condition, *Rural and Environmental Engineering*,(33), pp.19-36

Fujimaki, H., Yamamoto, T. and Inoue, M. (Feb. 1998) : Validity of the thermodynamic equilibrium assumption for modeling evaporation from soil surfaces, *Trans. of JSIDRE*, No.193, pp.119-131 (in Japanese with English Summary)

(2) Presentations (Apr.1997-Mar.1998)

Subdivision of Natural Environment

- Otsuki, K. and Yasuno, O. (May.1997) : Prehistory of salinity and water logging in Pakistan, Abstract of the 1997 Meeting of the Japanese Association for Arid land Studies, pp.38-39 (in Japanese)
- Zhou, J.Z., Otsuki, K. and Kamichika, M. (May 1997) : Changes of agriculture in Inner Mongolia, China, Abstracts of the 1997 Meeting of the Japanese Association for Arid land Studies, pp.48-49 (in Japanese)
- Okada, S., Otsuki, K. and Kamichika, M. (May 1997) : Research on the sand dune movement using aerial photograph, Abstracts of the 1997 Meeting of the Japanese Association for Arid land Studies, pp.66-67 (in Japanese)
- Yasuno, O., Niaz Ahmad, Kaida, Y. and Otsuki, K. (May.1997) : Irrigated agriculture in Punjab, Pakistan – Response of farmers to the irrigation systems-, Abstracts of the 1997 Meeting of the Japanese Association for Arid land Studies, pp.68-69 (in Japanese)
- Okada, S., Otsuki, K., Kamichika, M. and Kondo, M. (Jun.1997) : Relationship between sand movement and plant in the Tottori Sand Dunes, Proc. of Agr. Met. Japan 1997, pp.66-67 (in Japanese)
- Tani, H., Kamichika, M., Hayakawa, S., Otsuki, K., Marumoto, T. and Yamamoto, T. (Jun. 1997) : Research on the estimation of atmospheric vapor content using satellite data, Proc. of Agr. Met. Japan 1997, pp.94-95 (in Japanese)
- Otsuki, K., Ezuka, T. and Kamichika, M. (Jun.1997) : Evaluation of salinity using remote sensing, Proc. of Agr. Met. Japan 1997, pp.104-105 (in Japanese)
- Kamichika, M., Hatsuta, T., Otsuki, K., Ishikawa, M. (Jun 1997) : Research on recycling use of vapor in the boundary layer (I), Proc. of Agr. Met. Japan 1997, pp.180-181 (in Japanese)
- Ishiguro, E, Sitara, H., Hyodo, K., Tabata, T., Yonemura, R., Sato, M., Kamichika, M. and Otsuki, K. (Jul 1997) : Analysis of ground surface information by remote sensing, Proc. Japanese Soc. Sand Dune Res. 1997, pp.2-3 (in Japanese)
- Okada, S., Ito, K., Otsuki, K. and Kamichika, M. (Jul.1997) : Research on the movement of Tottori Sand Dunes, Proc. Japanese Soc. Sand Dune Res. 1997, pp.20-21 (in Japanese)
- Matsubara, Y., Okada, S., Otsuki, K. and Kamichika, M. (Jul.1997) : Relationship between terrain and particle size of sand, Proc. Japanese Soc. Sand Dune Res. 1997, pp.22-23 (in Japanese)
- Yanagitani, T., Otsuki, K. and Kamichika, M. (Nov. 1997) : Radiation balance above the recycled paper mulch, Agricultural Meteorology of Chugoku and Shikoku, 10, pp.52-53 (in Japanese)
- Tani, H., Kamichika, M., Hayakawa, S., Otsuki, K. Marumoto, T., and Yamamoto, T. (Nov.1997) : Estimation of the distribution of water vapor in the atmosphere using artificial satellite data, Agricultural Meteorology of Chugoku and Shikoku, 10, pp.76-77 (in Japanese)
- Hinamoto, M., Otsuki, K. and Kamichika, M. (Nov.1997) : Characteristics of air temperature distribution in Tottori-city in the summer of 1997, Agricultural Meteorology of Chugoku and Shikoku, 10, pp.84-85 (in Japanese)
- Ito, K. Otsuki, K. and Kamichika, M. (Nov. 1997) : Classification of ground surface model mixed vegetation, sand and salt using spectral reflectance, Agricultural Meteorology of Chugoku and Shikoku, 10, pp.96-97 (in Japanese)
- Otsuki, K. and Fujiwara, Y. (Feb. 1998) : Salinity control management in Australia – Salinities and remedies along the Murray River -, Global Environment Study Forum on Appropriate Management of Land and Water Resources for the Prevention of Salinization and Desertification in Arid Areas, pp.67-73

Subdivision of Water Resources

- Kitamura, Y. and Yano, T. (May 1997) : Hydrological environment and water utilization in Rajasthan, India,

- Abstracts of the 1997 Meeting of the Japanese Association for Arid Land Studies, pp.12-13 (in Japanese)
- Melkamu Regea, Kitamura, Y. and Yano, T. (May 1997) : Improving furrow irrigation performance, Abstracts of the 1997 Meeting of the Japanese Association for Arid Land Studies, pp.14-15
- Yano, T., Kitamura, Y., Matsuura, A., Yamamoto, T. and Iwata, S. (May 1997) : Measurement of electrical conductivity of soils using time domain reflectometry, Abstracts of the 1997 Meeting of the Japanese Association for Arid Land Studies, pp.12-13 (in Japanese)
- Yano, T. (May 1997) : Study on the development of technology for the rehabilitation of soils with salt accumulation in the Central Asia – Research project supported by the Global Environmental Research Fund from Environment Agency -, Symposium on International Cooperation for Agricultural Research in Arid Lands, Abstracts of the 1997 Meeting of the Japanese Association for Arid Land Studies, pp.84-88 (in Japanese)
- Qui, G. Y., Yano, T. and Momii, K. (Jul.1997) : Estimation of soil evaporation by three temperatures, Proc. of Annual Meeting of JSIDRE, pp.242-243
- Wang, S., Kitamura, Y. and Yano, T. (Jul.1997) : Reclamation of highly saline soils in the Central Asia – the present situation of salt accumulation in Kzyl-Orda, Kazakhstan -, Proc. of Annual Meeting of JSIDRE, pp.720-721
- Yano, T., Kitamura, Y. and Takagi, S. (Jul.1997) : Evapotranspiration of orange trees under saline water irrigation, Proc. of Annual Meeting of JSIDRE, pp.246-247 (in Japanese)
- Takeuchi, S., Yasuda, S., Kawaharada, R. and Yano, T. (Jul.1997) : Irrigation management for green pepper in a green house based on the measurement of crop transpiration - Application of stem flow measurement to irrigation management (II), Proc. of Annual Meeting of JSIDRE, pp.252-253 (in Japanese)
- Wang, S., Kitamura, Y. and Yano, T. (Oct.1997) : Leaching efficiency and chemical changes in highly saline soil reclamation – a column study -, Proc. of Annual Meeting of JSIDRE, Branch of Chugoku-Shikoku, pp.119-121
- Melkamu Regea, Kitamura, Y., Shainberg, I. and Yano, T. (Oct.1997) : Water quality effects on hydraulic conductivities of low and high swelling sodic soils, Proc. of Annual Meeting of JSIDRE, Branch of Chugoku-Shikoku, pp.122-124
- Oba, T., Kitamura, Y. and Yano, T. (Oct.1997) : Water movement and hydrological characteristics of rice-irrigated areas in arid land – Case study in a kolkhoz of Kzyl-Orda Kazakhstan -, Proc. of Annual Meeting of JSIDRE, Branch of Chugoku-Shikoku, pp.215-217 (in Japanese)

Subdivision of Plant Ecophysiology

- Sugimoto, Y., Wigchert, S., Thuring, J. W. and Zwanenburg, B.(Apr.1997) : Synthesis of all 8 stereoisomers of sorgolactone, Abstracts of annual meeting of Japan Soc. Biosci. Biotech. Biochem. pp123 (in Japanese)
- Ma, Y., Sugimoto, Y., Inanaga, S. and Babiker, A. G. T. (Apr.1997) : Searching for Striga germination stimulant from root cultures, Abstracts of annual meeting of Japan Soc. Biosci. Biotech. Biochem. pp123
- Ma, Y., Sugimoto, Y., Inanaga, S. and Babiker, A. G. T. (May.1997) : Germination control of a parasitic weed *Striga hermonthica*, Abstracts of the 1997 meeting, The Japanese Assoc. Arid Land Studies pp30-31
- Inanaga, S., Asakura, Y., Matsuura, A. and Sugimoto, Y. (May 1997) : Time course analysis of effect of Na and Ca on root elongation for soybean seedling, Abstracts of the 1997 meeting, The Japanese Assoc. Arid Land Studies, pp64-65 (in Japanese)

Subdivision of Revegetation and Grassland Development

- Fujiki, D., Tamai, S. and Yamanaka, N. (Oct. 1997) : Maintenance mechanisms of clonal structure of *Lindera umbellata* Proc. of Annual Meeting of Kansai Branch of The Jap. For. Soc., pp.38 (in Japanese)
- Yoshikawa, K., Wang, L., Wen, G., Yamanaka, N. and Nishida, K. (Apr. 1997) : Dynamics of *Sabina vulgaris* communities in the Mu Us desert, China, Proc. of Annual Meeting of The Jap. For. Soc., pp.150 (in Japanese)
- Yamanaka, N., Wang, L. and Yoshikawa K. (June 1997) : Seed production and seed bank of *Sabina vulgaris* in the Mu Us desert, Inner Mongolia, China, Proc. of Annual Meeting of The Jap. Soc. Rev. Tech. 28,pp.359-360 (in Japanese)
- Nasuno, T., Yamanaka, N., Yamamoto, F. and Tamai, S. (June 1997) : Drought tolerance of *Acacia* seedlings indigenous to Sahel, Proc. of Annual Meeting of The Jap. Soc. Rev. Tech. 28,pp.121-122 (in Japanese)
- Nasuno, T., Yamanaka, N., Yamamoto, F. and Tamai, S. (June 1997) : Growth characteristics of *Acacia* seedlings indigenous to Sahel, Proc. of Annual Meeting of The Jap. Soc. Rev. Tech. 28,pp.361-362 (in Japanese)
- Yamanaka, N., Nasuno, T., Yamamoto, F. and Tamai, S. (June 1997) : Stomata morphology and density in *Acacia* species, Proc. of Annual Meeting of The Jap. Soc. Rev. Tech. 28,pp.123-124 (in Japanese)
- Kato, M., Yamamoto, F., Yamanaka, N. and Tamai, S. (June 1997) : Drought and salt tolerance of *Acacia* species indigenous to arid areas in Africa, Proc. of Annual Meeting of The Jap. Soc. Rev. Tech. 28,pp.125-126 (in Japanese)

Subdivision of Land Conservation

- Nakashima, M., Inoue, M., Sawada, K. and Nicholl, C. (June 1997) : Measurement of soil water content using amplitude domain reflectometry (ADR) method, Spring proceeding of Ground Water Society of Japan, pp.18-23 (in Japanese)
- Wei, J. S., Yamamoto, T. and Inoue, M. (July 1997) : A few factors of germination due to aerial seedling, establishment of plant cover through aerial seedling in Yikezhaomeng desert of China (), Proc. of Japanese Society of Sand Dune Research, 44, pp.4-5 (in Japanese)
- Inoue, M. (July 1997) : Measurement of unsaturated hydraulic properties using multistep outflow method, Proc. of JSIDRE, pp.50-51 (in Japanese)
- Fujimaki, H., Yamamoto, T. and Inoue, M. (July 1997) : Estimation of hydraulic conductivity for low water range using steady evaporation method, Proc. of JSIDRE, pp.52-53 (in Japanese)
- Mangio, H. U. R., Yamamoto, T. and Inoue, M. (July 1997) : Waterlogging due to irrigated agriculture in Pakistan , Proc. of JSIDRE , pp.330-331 (in Japanese)
- Ikeura, H., Wei, J. S., Yamamoto, T. and Inoue M. (July 1997) : Surface Irrigation in Mu Us Shamo Desert, China -The sustainable development of irrigated agriculture in arid land (V)- , Proc. of JSIDRE, pp.332-333 (in Japanese)
- Yamamoto, T., Kamichika, M., Frederick, K. A. M., Torii, S., Nosaka, J. and Agozo, S. K. (July 1997) : Desertification and irrigation schedules in semiarid and arid zones of Saherian region, - Sustainable development for irrigated agriculture in arid land () - , Proc. of JSIDRE , pp.336-337 (in Japanese)
- Yoneguchi, S., Hata, E., Morii, T. and Inoue, M. (Oct. 1997) : Field experiment on application of pressure infiltrometer, I. Comparison of field saturated hydraulic conductivity with soil core test, Proc. of JSIDRE, Branch of Chugoku-shikoku, 52, pp.73-75 (in Japanese)

- Hata, E., Yoneguchi, S., Morii, T., Inoue, M. and Sugimoto, F. (Oct. 1997) : Field experiment on application of pressure infiltrometer, II. Discussion of infiltration by field measurement in detail, Proc. of JSIDRE, Branch of Chugoku-shikoku, 52, pp.76-78 (in Japanese)
- Inoue, M., Sugimoto, F. and Morii, T. (Oct. 1997) : Measurement of soil water content using ADR method and estimation of hydraulic properties in sand dune field, Proc. of JSIDRE, Branch of Chugoku-shikoku, 52, pp.127-129 (in Japanese)
- Yamamoto, T., Inoue, M. and Mori, T. (Oct. 1997) : Effect of artificial zeolite under saline water in sand bed in plastic green house, Proc. of JSIDRE, Branch of Chugoku-shikoku, 52, pp.218-219 (in Japanese)
- Yoshinaga, M., Yamamoto, T. and Inoue M. (Oct. 1997) : Salt stress of spinach under meteorological chamber, soil salinity improvement using calcium type artificial zeolite , Proc. of JSIDRE, Branch of Chugoku-shikoku, 52, pp.220-221 (in Japanese)
- Yamamoto, T., Wei, J. S. and Yoshioka, T. (Oct. 1997) : Moisture barrier effect of recycled paper on soil moisture holding in sand fields , Proc. of JSIDRE, Branch of Chugoku-shikoku, 52, pp.222-223 (in Japanese)
- Inoue, M., Simunek, J., Hopmans, J. M. and Clausnitzer, V. (Oct. 1997) : In-situ estimation of soil hydraulic functions using a multi-step soil-water extraction technique, 1997 Annual Meetings of American Society of Agronomy, Crop Science Society of America, Soil Science Society of America, Agronomy Abstracts, pp. 177 (Anaheim, California, USA)
- Inoue, M., Simunek, J., Hopmans, J. M. and Clausnitzer, V. (Oct. 1997) : Using a multi-step soil-water extraction technique for in-situ estimation of soil hydraulic properties, Program and Abstracts of the International Workshop, Characterization and Measurement of the Hydraulic Properties Unsaturated Porous Media, pp. 85 (Riverside, California, USA)

(3) Reports (Apr.1997-Mar.1998)

Subdivision of Natural Environment

- Otsuki, K. (Mar.1998) : Research on the tentative upland water requirement at low level before accomplishment of the project, JSIDRE report on the water requirement plan and upland irrigation method for the Kochi-Seinan Reclamation and Construction Project (in Japanese)
- Otsuki, K. (Mar.1998) : Monitoring of agricultural land environment by remote sensing, JSIDRE report on the leaching system for the agricultural land antidisaster project in the Yoshino River Delta (in Japanese)
- Otsuki, K. (Mar.1998) : Irrigation technique in Miyako district, Report on the irrigation effect in the Miyako Irrigation Project, pp.1-7 (in Japanese)
- Maruyama, T., Mitsuno, T., Yabe, K., Senge, M., Fukuzakura, S. and Otsuki, K. (Mar. 1998) : Chapter 1 "What a upland irrigation should be under the limitation of water resources", Report of Ministry of Agriculture, Forest and Fishery on upland irrigation planing technology, pp.1-33 (in Japanese)

Subdivision of Water Resources

- Yano, T. (Mar.1997) : Water and salt behavior in the soil under micro-irrigation conditions, Report for Monbusho Grant-in Aid for Scientific Research C (in Japanese)

Subdivision of Plant Ecophysiology

- Inanaga, S., Sugimoto, Y. and Murota, K. (Mar.1998) : Development of plant production system using sea water, Report for Monbusho Grant-in-Aid for Scientific Research B (in Japanese)

Subdivision of Revegetation and Glassland Development

- Kobayashi, T., Sasaki, N. and Tamai, S. (Mar. 1998) : Land use and vegetation around the route from Taiyuan basin to Taiyue Forest Region, Shanxi Province, China, ” Land use and regeneration mechanisms of woody plants in semi-arid areas --Case studies in eastern China—“(Edited by Tamai, S.), Report For the Nippon Life Insurance Foundation, pp.2-7 (in Japanese)
- Yamanaka, N., Han, H., Ma, Q., Wan.,X. and Tamai, S. (Mar. 1998) : Stand structure and regeneration of *Pinus tabulaeformis* forests in Taiyue Forest Region, Shanxi Province, China, ” Land use and regeneration mechanisms of woody plants in semi-arid areas - Case studies in eastern China - “(Edited by Tamai, S.), Report For the Nippon Life Insurance Foundation, pp.8-31 (in Japanese)
- Nakayama, S., Kobayashi, T., Han, H., Ma, Q. and Tamai, S. (Mar.1998) : Water dynamics in *Pinus tablaeformis* forests at Shanxi Province, China, ” Land use and regeneration mechanisms of woody plants in semi-arid areas - Case studies in eastern China - “(Edited by Tamai, S.), Report For the Nippon Life Insurance Foundation, pp.32-61 (in Japanese)
- Yamanaka, N., Matsui, K., Kinoshita, E., and Okazaki, J. (Mar.1997) : A check list of sexual system of angiosperm species and genera in the Japanese Flora , Annual Report of Botanic Garden, Faculty of Science, Kanazawa Univ.20,pp.59-67
- Matsui, K., Kinoshita, E., Okazaki, J. and Yamanaka, N. (Mar.1998) : A check list of sexual system of angiosperm species and genera in the Japanese Flora , Annual Report of Botanic Garden, Faculty of Science, Kanazawa Univ.21,pp.25-39

Subdivision of Land Conservation

- Yamamoto, T. (Mar.1997) : Studies on water quality of irrigation water resources in the Tohaku Irrigation Project Areas, The 1996 annual report of grant-in aid for the ministry of Agriculture, Ministry of Forestry and Fisheries, pp.110-122 (in Japanese)
- Yamamoto, T., Kamichika, M., Fujiyama, H., Inoue, M., Otsuki, K. and Toride, N. (Mar. 1998) : Development of efficient irrigation schedules and salinity monitoring system in productive green land, Report for Monbusho Grant-in Aid Scientific Research A (2) (in Japanese)
- Inoue, M. (Mar. 1998) : Subsurface irrigation using seeping type porous rubber tube, Report for Scholarship fund for research from Nippon Sanso Co., pp. 1-29 (in Japanese)
- Inoue, M. (Mar. 1998) : Development of simplified soil moisture sensor, Report for Scholarship fund for research from Hama Corporation, pp. 1-17 (in Japanese)