CURRICULUM VITAE

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Education:

1983-1987 Undergraduate, Faculty of Agriculture, The University of Tokyo.

1987-1989 Department of Agricultural Engineering, Graduate School of Agricultural Science, The University of Tokyo,

1989-1991 PhD candidate at Graduate School of Agricultural Science, The University of Tokyo.

Research and professional experience:

1991.4-1991.7: Fellowships of the Japan Society for the Promotion of Science for Japanese Junior Scientists.

1991.8-1997.8: Assistant at Laboratory of Soil Physics and Soil Hydrology, Department of Agricultural Engineering, The University of Tokyo

(1996.5- 1997.4: Visiting Research Scholar in USDA-ARS National Soil Erosion Research Laboratory and Department of Agronomy, Purdue University. West Lafayette, IN USA)

1997.9-1999.3: Assistant Professor of Lab. of Land Use, Department of Eco-region science, School of Agriculture, Tokyo University of Agriculture and Technology

1999.4-2006.8: Associate professor of Department of International Environmental and Agricultural Sciences, Tokyo University of Agriculture and Technology (Soil Physics, Soil & Environmental Conservation and Remediation)

2006.9 - 2013.3: Associate Professor at Lab. of Soil Physics and Soil Hydrology, Department of Biological and Environmental Engineering, The University of Tokyo.

2013.4 till present: Professor at Lab. of Soil Physics and Soil Hydrology, Department of Biological and Environmental Engineering, The University of Tokyo.

Membership of Academic Society

The Japanese Society of Irrigation, Drainage and Reclamation Engineering.(JSIDRE)

Japan Society of Soil Physics

Japan Society of Hydrology and Water Resources

Soil Science Society of America

Japan Geotechnical Society

Japanese Society of Soil Science and Plant Nutrition

The Japanese Association for Arid Land Studies (fellow for 2008-2009)

Japan Geophysical Union

2009-2011 Editor of Journal of Soil Physics, Japan

2011.10- 2015.9 Editor of Soil Science and Plant Nutrition (Taylor and Francis)

2016.6-2018.5 Editor in Chief, Irrigation, Drainage and Rural Engineering Journal (Japanese)

2016.6-2018.5 Board member of Japan, Society of Irrigation, Drainage and Rural Engineering

2018.6- Editor of Paddy and Water Environment (Springer)

Publications in English

1. Properties of surface crusts of an Andisol and their effects on soil-hydrological processes Taku Nishimura, Masashi Nakano, Tsuyoshi Miyazaki CATENA SUPPLEMENTS 24 pp.17-28(1993)

- 2. Changes in soil physical properties due to surface crust formation under simulated rainfall. Nishimura, T., M. Nakano, T. Miyazaki In International Association of Hydrological Science Publication 212 (Exchange Processes at the Land Surface for a Range of Space and Time Scales, ed. H.J.Bolle, R.A.Feddes, and J.D.Kalma), pp.253-257, (1993)
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- 5. Effects of clod size, raindrop size and initial moisture conditions on surface sealing of a Japanese acid soil, Trans. Jpn. Soc. of Irrig. Drain. and Reclamation Engg. 199pp. 17-22 (1999)
- 6. Effects of gypsum application on disersion of an acid Kunigami mahji soil, Taku Nishimura, M.Nakano, T. Miyazaki: J. of the Jpn. Soc. of Soil Physics, 81 pp.15-21 (1999)
- 7. Critical coagulation concentration and permeability of the Fukaya clayey soils, T. Nishimura, K. Nakano, M. Kato, and T. Miyazaki, Clay Science for Engineering ed. K.Adachi & M.Fukue pp.291-295, Balkema Publ. (2001)
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- 9. Estimation of Dry Bulk Density of Soil Using Amplitude Domain Reflectometry Probe, Krissandi WIJAYA, Taku NISHIMURA, and Makoto KATO, J. of the Jpn. Soc. of Soil Physics, 95, pp.63-73 (2003)
- 10. Field Estimation of Soil Dry Bulk Density Using Amplitude Domain Reflectometry Data, Krissandi WIJAYA, Taku NISHIMURA, Makoto KATO and Masanobu NAKAGAWA, J. of the Jpn. Soc. of Soil Physics, 97 pp.3-12 (2004)
- 11. Change in share haracteristics of Loess soil by applying Irrigation, Ueno, M., T. Nishimura, and M. Kato, J. of Arid Land Studies, 14S, 215-218 (2004)
- 12. The effect of Entrapped Air on the Quasi-Saturated Soil Hydraulic Conductivity and Comparison to the Unsaturated Hydraulic Conductivity. Sakaguchi, A. T. Nishimura, and M. Kato, Vadose Zone J. 4, 139-144 (2004)
- 13. Effect of gypsum and polyacrylamide application on erodibility of an acid Kunigami mahji soil, Nishimura, T. KATO, M., YAMAMOTO, and S. Suzuki, Soil Sci. and Plant Nutr. 51(5) pp.313-322 (2005)
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- 17. Ohnishi, T., M. Kato and T. Nishimura, Evaluating Influence of Different Cover Materials on Runoff and Sediment Loss from Bare Upland Soil using Laboratory Rainfall Simulator, J. of the Jpn. Soc. of Soil Physics 108, 53-66, (2008)
- 18. Nagasawa, K., Zhang J., Nishimura T., Saito H., and Kato M., Impact of Pressure Heads Applied to Buried Porous Bottles on Water Supply Characteristics for Subsurface Irrigation, J. of Arid Land Studies, 18(1):11-20 (2008)
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