

CURRICULUM VITAE

Machito MIHARA, Prof. Dr.



Name, Family name : MIHARA

Forename : Machito

Sex : Male

Date of Birth : 27 November 1964

Place of Birth : Kobe City, Japan

Nationality : Japanese

Affiliation :

1. University

Professor,
Faculty of Regional Environment Science, Tokyo University of Agriculture
1.1.1 Sakuragaoka Setagaya-ku, Tokyo 156-8502, Japan
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2. International Organization

President,
Headquarters, Institute of Environmental Rehabilitation and Conservation
2987-1 Onoji Machida-shi, Tokyo 195-0064, Japan
tel +81-42736-8972, fax+81-42736-8972
e-mail hq-erecon@nifty.com, <http://www.erecon.jp/>

Education :

April 1990 - March 1993

Doctor of Agriculture,
United Graduate School of Agricultural Science, Tokyo University of Agriculture and Technology, Japan

April 1988 - March 1990

Master of Agriculture,
Graduate School of Agriculture, Ibaraki University, Japan

April 1984 - March 1988

Bachelor of Agriculture,
Department of Agricultural Engineering, Faculty of Agriculture, Tokyo University of Agriculture, Japan

Academic Experiences :

August 2009 - July 2017

Visiting Professor,
Royal University of Agriculture, Cambodia

April 2008 - March 2009

Visiting Professor,
Faculty of Agriculture, Khon Kaen University, Thailand

October 2004 - Present

Professor,
Graduate School of Agriculture, Institute of Regional Environment,
Department of Bio-production and Environment Engineering, Faculty of Regional Environment Science,
Tokyo University of Agriculture, Japan

October 1998 - September 2004

Associate Professor,
Graduate School of Agriculture, Institute of Regional Environment,
Department of Bio-production and Environment Engineering,
Faculty of Regional Environment Science,
Tokyo University of Agriculture, Japan

April 1998 - September 1998

Assistant Professor,
Graduate School of Agriculture, Institute of Regional Environment,
Department of Bio-production and Environment Engineering,
Faculty of Regional Environment Science,
Tokyo University of Agriculture, Japan

August 1995 - September 1995

Special Lecturer,
Agricultural and Biosystems Engineering Department,
University of Arizona, USA

April 1995 - March 1998

Assistant Professor,
Department of Agricultural Engineering, Faculty of Agriculture,
Tokyo University of Agriculture, Japan

April 1993 - March 1995

Research Associate,
Department of Agricultural Engineering, Faculty of Agriculture,
Tokyo University of Agriculture, Japan

Membership of Academic Societies :

Japanese Society of Irrigation, Drainage and Reclamation Engineering (JSIDRE)
Society of Eco-Engineering, Japan
Asian Association for Agricultural Engineering (AAAE)
European Society of Agricultural Engineers
International Society of Environmental and Rural Development (ISERD)
World Association of Soil and Water Conservation (WASWAC), etc.

Awards :

Jan. 2020 Award of Excellent Paper, International Society of Environmental and Rural Development
(same in 2018, 2017, 2014, 2013 and 2010)
Nov. 2014 RCE Recognition Award, United Nations University, Japan
March 2012 Prize of Medal Sahak Metrey, Royal Government of Cambodia
June 2011 Award of Excellent Paper, Society of Eco-Engineering, Japan.
Oct. 2003 Asian Scientific Award, World Association of Soil and Water Conservation
July 2001 JSIDRE Award (Japanese Society of Irrigation, Drainage and Reclamation Engineering), etc.

Current and Dominant Publications :

(Among more than 100 peer reviewed papers and books published either in English or in Japanese, current and dominant 10 papers are listed below.)

- Kim, M.L. and Mihara, M. 2019. Effect of Fertilization on Soil Microorganisms in Kampong Cham Province, Cambodia. *International Journal of Environmental and Rural Development*, International Society of Environmental and Rural Development, 10 (1), pp. 40-46
- Maskey, S. and Mihara, M. 2019. Current Conditions and Constraints in Management of Organic Manure in Mid-hills of Eastern Nepal. *International Journal of Environmental and Rural Development*, International Society of Environmental and Rural Development, 10 (1), pp. 68-75
- Rahmani, S. Nakamura, T. and Mihara, M. 2019. Analyzing Water Harvesting Potentials in Zoned Areas in Qargha Reservoir Watershed. *International Journal of Environmental and Rural Development*, International Society of Environmental and Rural Development, 10 (1), pp. 88-94
- Dawlatzai, A.M., Mihara, M., Nakamura, T. and Rahmani, S. 2018. Erosion Control by Amending Soil with Gypsum in the Dawlatzai Village of Gardez District, Afghanistan. *International Journal of Environmental and Rural Development*, International Society of Environmental and Rural Development, 9 (2), pp. 1-7
- Chan, S. and Mihara, M. 2018. The Impact of *Mimosa pigra* on Local Livelihood in the Stung Sen Core Area, Tonle Sap Biosphere Reserve. *International Journal of Environmental and Rural Development*, International Society of Environmental and Rural Development, 9 (2), pp. 128-135
- Mihara, M. and Gopal, T. 2007. Effects of Tropical Rainfall Patterns with Constant Rainfall Erosivity on Soil and Nitrogen Losses. *Eco-Engineering*, Society of Eco-Engineering, 19 (3), pp. 153-158
- Mihara, M. 2006. The Effect of Natural Weed Buffers on Soil and Nitrogen Losses in Japan. *CATENA*, Elsevier, 65, pp. 265-271
- Mihara, M., Yamamoto, N. and Ueno, T. 2005. Application of USLE for the Prediction of Nutrient Losses in Soil Erosion Processes. *Paddy and Water Environment*, International Society of Paddy and Water Environment Engineering, Springer, 3 (2), pp. 111-119
- Mihara, M. 2001. Nitrogen and Phosphorus Losses due to Soil Erosion during a Typhoon, Japan. *Journal of Agricultural Engineering*

Research, European Society of Agricultural Engineers, 78 (2), pp. 209-216

Mihara, M. 1996. Effects of Agricultural Land Consolidation on Erosion Processes in Semi-Mountainous Paddy Fields of Japan. *Journal of Agricultural Engineering Research*, European Society of Agricultural Engineers, 64 (3), pp. 237-248

Current 8 Supervised and 1 Advised Ph.D. Dissertations since 2014 :

- Feb. 2020 Ms. Somaly Chan (Biodiversity and Ecosystem Management for Sustainable Development in North Tonle Sap Region)
- March 2019 Mr. Rahmani Shafiqullah (Study on Soil Surface Treatment for Water Harvesting in Paghman District of Kabul Province, Afghanistan)
- March 2018 Mr. Dawlatzai Abdul Malik (Erosion Assessment and Soil Conservation Strategy in Degraded Soil Condition of Paktya Province, Afghanistan)
- March 2016 Mr. May Cuevas Sergio Azael (Land Degradation Assessment and Soil Conservation Strategy for Mixteca Region, Mexico)
- March 2015 Ms. Kumiko Kawabe (Roles of Eri-culture for Promoting Education for Sustainable Development (ESD) in Kampong Cham Province, Cambodia (Advised))
- March 2014 Mr. Julian E. Torillo, Jr. (Study on Utilizing Coconut Husk for Conservation Agriculture in Bohol of Philippines)
Mr. Carlos Onan Mendoza Tovar (Study on Water Quality Degradation and Rehabilitation Strategy for Tributaries of Lake Yojoa, Honduras)
Mr. Yuta Ishikawa (Study on Eliminating Escherichia coli Efflux from Upland Fields Applied Cow Dung Manure (in Japanese))
Ms. Sakkhamduang Jeeranuch (Study on Applicable Agro-forestry Systems in Salt Affected Soils of Northeastern Thailand)

Administrative Experiences in University :

- April 2021 – Present
Director, Center for Global Initiatives, Tokyo University of Agriculture, Japan
- April 2020 – March 2021
Associate Dean for International Affairs,
Faculty of Regional Environment Science, Tokyo University of Agriculture, Japan
- April 2018 - March 2020
Department Head,
Department of Bio-production and Environment Engineering, Faculty of Regional Environment Science,
Tokyo University of Agriculture, Japan
- April 2016 - March 2018
Department Head,
Department of Agricultural Engineering, Graduate School of Agriculture, Tokyo University of Agriculture, Japan
- April 2010 - Present
Chair of Committee for International Development Cooperation,
Center for Global Initiatives (International Programs), Tokyo University of Agriculture, Japan
- April 2006 - March 2010
Deputy Director, Center for International Programs, Tokyo University of Agriculture, Japan

International Cooperative Experiences :

1. Joined Organizations

- July 2015 - Present
President (Program Director),
Institute of Environmental Rehabilitation and Conservation (ERECON), Japan
- August 2005 - July 2010
FAO Expert,
Informal Tsunami and Reconstruction Networks, Food and Agricultural Organization, UN
- April 2002 - June 2015
Director-General (Program Director),
Institute of Environment Rehabilitation and Conservation (ERECON), Japan
- April 2000 - March 2002
Director,
Institute of Environment Rehabilitation and Conservation (ERECON), Japan
- August 1993 - December 1993
Expert,
Japan International Cooperative Agency (JICA), Soil Research, the Development of Sustainable Mangrove
Management Project in the Republic of Indonesia

2. Implemented Programs in 2019 (From April 2019 to March 2020)

(Following projects have been supported by various organizations such as UNEP, Ministry of Foreign Affairs of Japan, Japan International Cooperative Agency, etc., and implemented and managed by the Institute of Environmental Rehabilitation and Conservation (ERECON))

Program on Environmental Rehabilitation and Conservation in Asian Countries

- Project of Green Promotion for Restoration of Satoyama in Mondulkiri, Cambodia (Phase 3)
- Project of Reforestation for Biodiversity Conservation in Kratie, Cambodia (Phase 3)

- Project of Reforestation for Sustainable Forest Management in Kampong Cham Province, Cambodia (Phase 1)
 - Strengthening National Biodiversity and Forest Carbon Stock Conservation Through Landscape-based Collaborative Management of Cambodia's Protected Area System as Demonstrated in the Eastern Plains Landscape (CAMPAS)
 - Project on Reforestation for Forest Restoration in Nakhon Ratchasima Province, Thailand (Phases 2 and 3)
 - Project on Reforestation for Forest Restoration in Chai Nat Province, Thailand (Phases 2 and 3)
- Program on Sustainable Use of Natural Resources in Asian Countries
- Project on Promoting Sustainable Agricultural Conditions for Poverty Reduction in Kampong Cham Province, Cambodia (Phases 2 and 3)
- Program on Environmental Education in Asian Countries
- Project on JICA Nikkei Training
 - Project on International Green Volunteer Training in Thailand
 - Project on Re-Inventing Japan Project Internship

That's all.