Curriculum vitae

1. Name: NGUYEN THI MINH (female)

2. Date of Birth: Feb 13, 1971

3. Address: 89 Truong Dinh street, Hai Ba Trung district. Hanoi, Vietnam

4. Office: Faculty of Natural resources and Environment, Hanoi University of Agriculture

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7. Employment: Department of Microbiology, Faculty of Natural Resources and Environment. Hanoi University of Agriculture (HUA)

8. Position: Lecturer

9. Major: Soil and Environmental Microbiology

10. Academic background:

Degree or diploma held or being completed	Year of attendance	Name and place of Institution
B.Sc degree in Biology (Microbiology specialism)	1990 -1995	Hanoi National University, Vietnam
M. Sc degree in Agriculture (Soil Microbiology specialism)	2001 - 2003	Yamaguchi University, Japan
PhD degree in Agricultural science (Soil Microbiology specialism)	2006 - 2010	Tottori University, Japan

11. Employment record:

Time (From ….. ..to…….)	**Position**	**Employment**	**Address**
1998 - now	Lecturer	Hanoi University of Agriculture	Trauquy, Gialam, Hanoi, Vietnam

12. Direction of research in last 5 years:

1. Treatment of polluted soil and water by Biological and Microbiological technology

2. Composting and fermentation process by Microorganism

3. Mycorrhizal fungi symbiosis (Arbuscular Mycorrhizae, Ectomycorrhizae) and their applied in Agriculture.

4. Nitrogen fixation Microbiology, Rhizobium and their diversity in soil; Multiple occupancy of Rhizobia and their diversity on soybean cultivation and their applied.

5. Using Bio-materials for revegetation and reforestation on bare land, prevent soil erosion and protect slope.

6. Bio – products using for treatment of Agricultural waste and fermentation to produce Bio-ethanol; treatment of live-stock wastes and aquaculture.

13. Research Project Coordinator:

14. Experience in Education and Science Society:

- Thirteen years experiences in teaching and researching in Microbiological field and treatment of environmental pollution by Micro- and Bio-technology.

- Member of Vietnamese soil science (from 1999), Japanese society of Soil science and Plant nutrition (from 2002), Japanese society of Soil Microbiology (from 2007)

15. Supervisor for PhD student: Prof. Dr. Kazuhira Yokoyama (Professor at Yamaguchi University, Japan)

16. Publication

16.1. Papers

1. **Nguyen Thi Minh** (2005)**.** Isolation and selection of Arbuscular Mycorrhizae to inoculate for planting crop. Journal of Vietnam Soil Science Vol. 23, p 46-51.

2. **Nguyen Thị Minh**, Lê Anh Tùng (2006). Research on selection of microorganism combinations with high decomposing ability of cellulose to treat fibrous matter. Journal of Vietnam Soil Science Vol.25. Special issue on the 31st ceremony of Land and Environment Faculty, Hanoi Agricultural University.

3. Yuichi Saeki, …and **Minh Thi Nguyen** (2005) Phylogenetic Analysis of Soybean – nodulating Rhizobia Isolated from Alkaline Soils in Vietnam. Journal of Japanese society of Soil science and Plant nutrition Vol. 51 No 7. p 1043-1052.

4. **Nguyen Thi Minh** (2007). Effects of some organic fertilizers on Vesicular arbuscular mycorrhizal symbiosis establishment and host plant growth. Journal of Vietnam Soil Science Vol. 28.

5. **Nguyen Thi Minh (**2007). Effect of inoculated Arbuscular Mycorhizae on legume plant growth in alluvial soil of red river. Journal of Vietnam Soil Science Vol. 28.

6. Nguyen Xuan Thanh, Vu Thi Hoan, **Nguyen Thi Minh**, Hoang Hai (2005). Practice of Microbiology. Vietnam Agricultural Publishing House. Academic press.

7. Nguyen Xuan Thanh, Vu Thi Hoan, **Nguyen Thi Minh,** Dinh Hong Duyen (2007). Practice of specific Microbiology. Vietnam Agricultural Publishing House.. Academic press.

8. **Nguyen Thi Minh,** Vu Thi Len (2008). Selection of microorganism combinations with high biological activity to treat wastewater from daily life. Journal of Vietnam Soil Science Vol. 30.

9. **Minh Thi Nguyen**, Kazue Akiyoshi, Masamichi Nakatsukasa, Yuichi Saeki and Kazuhira Yokoyama (2010). Multiple occupancy of nodules by nodulating rhizobia on field-grown soybeans with attendance of *Sinorrhizobium* spp. *Soil Science and Plant Nutrition* Vol. 56 (No 3), p 382-389.

10. **Minh Thi Nguyen**, Kazue Akiyoshi, Masamichi Nakatsukasa, Yuichi Saeki and Kazuhira Yokoyama (2010). Development of multiple-occupancy nodules in correlation of the density-dependent infection by soybean nodulating rhizobia. Soil and Microbiology Vol. 64 (No 2), p 101-107.

11. **Nguyen Thi Minh**, Nguyen Thi Sang and Nguyen Thi Quyen (2012). Fermentation of Agricultural wastes after harvesting by Microbes combination for Bioethanol production. Journal of science and development, Hanoi University of Agriculture. Vol. 4.

16.2. Proceeding in workshop and seminar

1. **Nguyen Thi Minh** (2001). The effect of microbiological product – TVV75 on spring rice on Degraded soil and Saline soil in Red river delta. The workshop on Development and Research forwarding the Sustainable Agriculture. Hanoi, March 2, 2001.

2. Yuichi Saeki and **Minh Thi Nguyen** (2001). Comparison of Nitrogen Content among Soybean varieties. The workshop on Plant nutrition for sustainable Agricultural Development. HAU - JICA ERCB Project. Hanoi, December 11-12, 2001.

3. **Minh Thi Nguyen,** Kazuhira Yokoyama and Takuya Marumoto (2003**).** Survival of Arbuscular Mycorrhizae Fungi *Gigaspora margarita* inoculated in revegetation at Nukui dam site. The Workshop on Japanese society of Soil science and Plant nutrition, Vol. 49. Tokyo August, 2003.

4. **Minh Thi Nguyen,** Kazue Akiyoshi, Masamichi Nakatsukasa, Yuichi Saeki and Kazuhira Yokoyama (2008). Rhizobial diversity among different soybean cultivars directly correlated to the increase in multiply occupined nodules. *The Workshop on*

Japanese society of Soil science and Plant nutrition Vol. 104. Tokushima, November 2008.

5. **Minh Thi Nguyen** and Kazuhira Yokoyama. Diversity of rhizobia isolated from nodules on different soybean cultivars in a field and multiple infection. The 1st Young Scientists seminar in the Asia Core program. Yamaguchi, Japan. October, 2008.

6. **Minh Thi Nguyen**, Kazue Akiyoshi, Masamichi Nakatsukasa, Yuichi Saeki and Kazuhira Yokoyama (2009). Competition and multiple-occupancy on nodulation by inoculation of soybean nodulating-bacteria. *The conference of Japanese society of Soil Microbiology*. Fukuoka, June 2009.

7. **Minh Thi Nguyen**, Kazuhira Yokoyama and Takuya Marumoto. Determination and effect of Arbuscular mycorrhizal fungi, *Gigaspora margarita* CK inoculated in revegetation at Nukui dam site. The 3rd International conference on Bioscience and Biotechnology. Bali, Indonesia. September 21-22, 2011.

8. **Minh Thi Nguyen**, Thu Ha Nguyen, Quoc Hung Phan, Tu Diep Nguyen, Xuan Huong Vu Thi (2014). Research on determination of material resources to produce Bio-material for covered revegetation. *Vietnam Journal of Agriculture and rural development* No 6: 111-116.

9. **Minh Thi Nguyen**, Thu Ha Nguyen and Quoc Hung Phan (2014). Research on construct the production process of Biomaterial for revegetation. International conference on *"Effective land, water use in agriculture and protection of rural environment in Viet Nam and Japan"*. Hanoi, Vietnam. Sept, 2014.

10. **Nguyen Thi Minh** (2015). Research on treatment of edible mushrooms wastes into organic substrate for clean vegetables cultivation. The workshop of woman scientists in Vietnam National University of Agriculture. October, 2015.

11. Nguyen Van Thao, Nguyen Thi Lan Anh, **Nguyen Thi Minh**, Do Nguyen Hai, Nguyen Thu Ha (2015). Use of Microbial Formulations to Produce Bio-Organic Fertilizer from Mushroom Culture Residues and Chicken Manure. Vietnam J. Sci. & Devel. Vol. 13, No. 8: 1415-1423.

12. **Minh Thi Nguyen**, Thu Ha Nguyen and Quoc Hung Phan (2014). Isolation and selection of Arbuscular Mycorrhizae to produce Bio-material for covered vegetation. *Vietnam Journal of Agriculture and rural development* No 3+4: 49-55.

13. Suprayogi, **Minh T. Nguyen**, Noppon Lertwattanasakul, Nadchanok Rodrussamee, Savitree Limtong, Tomoyuki Kosaka, MamoruYamada (2016). A *Kluyveromyces marxianus* 2-deoxyglucose-resistant mutant with enhanced activity of xylose utilization. International Microbiology, vol. 18: 235-244.

14. **Nguyen Thi Minh** and Nguyen Thanh Nhan (2016). Selection of Arbuscular Mycorrhizae and Rhizobium for production of biological materials used to revegetation for the campus scene. Vietnam J. Agri. Sci. 2016, Vol. 14, No. 8: 1238-1247.

15. **Nguyen Thi Minh** (2016). Treatment of mushroom culture wastes for use as organic substrate for safe vegetable cultivation. Vietnam J. Agri. Sci. 2016, Vol. 14, No 11: 1781-1788.

16. **Nguyen Thi Minh**, Vu Van Tuan (2016). Experience lessons from the registration of a utility solution patent for a biological product. Whorkshop Intellectual Property: from reasoning to reality at the Vietnam National University of Agriculture.

17. **Nguyen Thi Minh** (2017). Selection of endophytic microorganisms from the ecological area of alkaline soil, Hai Phong. J. of Vietnam Argriculture Science. 2017, Vol 15, No 5: 619-630.

18. Nguyen Hai Van, **Nguyen Thi Minh** (2017). Research on using endophytic microorganisms isolated from different ecological regions. J. of Vietnam Argriculture Science. 2017, Vol 15, No 5: 605-618.

19. **Nguyen Thi Minh**, Vu Thi Xuan Huong (2017). Research on the effect of multi-functional microbial preparations on maize. Journal of Agriculture and Rural Development No. 18, 2017.

20. **Nguyen Thi Minh**, Nguyen Ngoc Lin (2017). Study the composition and properties of microorganisms in pomelo soil in Xuan Mai, Hanoi. Journal of Agriculture and Rural Development No. 16, 2017' 31-37.

21. **Nguyen Thi Minh**, Do Minh Thu (2017). Study on isolation and selection of endophytic microorganisms from saline soil region in Giao Thuy district, Nam Dinh province. J. of Vietnam Argriculture Science. 2017, Vol 15, No 9.

22. **Nguyen Thi Minh**, Doan Thi Linh Dan (2017). Research on using biological product to treat rice straw into organic substrate for safe vegetables. Journal of Agriculture and Rural Development No. 19, 2017.

23. **Nguyen Thi Minh** (2017). Ability to use phosphorus solubilized microorganisms in soil improvement. Journal of Agriculture and Rural Development No. 20, 2017.

24. **Nguyen Thi Minh**, Nguyen Quang Huy, Vu Thi Xuan Huong (2017). Research on using pig waste to raise earthworms. Journal of Agriculture and Rural Development.

25. **Minh Thi Nguyen**, Giang Huong Vu, **Huyen Nguyen Thi Khanh** (2018). Research on treatment of aquaculture environment by probiotic product. Conference: Establishment of an international research core for new bio-research fields with microbes from tropical areas. Yamaguchi University, Japan 2018.

26. Mochamad Nurcholis, Suprayogi, Masayuki Murata, **Minh T. Nguyen**, Nadchanok Rodrussame, Noppon Lertwattanasakul, Sukanya Nitiyon, Savitree Limtong, Tomoyuki Kosakam and Mamoru Yamada (2018). Analysis of gluco repression mechanism in thermotolerant yeast *Kluyveromyces maxianus* Conference: Establishment of an international research core for new bio-research fields with microbes from tropical areas. Yamaguchi University, Japan 2018.

27. **Nguyen Thi Minh**, **Nguyen Thi Khanh Huyen**, Le Minh Nguyet (2019). Isolation and selection of Arbuscular Mycorrhizade for production of Biological material used to revegetation for slopping land. Journal of Agriculture and Rural Development No. 18, 2019.

28. **Nguyen Thi Minh**, **Nguyen Thi Khanh Huyen** (2019). Research on materials to produce biological material for revegetation on slope land. Journal of Agriculture and Rural Development No. 19, 2019.

29. **Minh Thi Nguyen**, **Huyen Nguyen Thi Khanh,** Khoa Khoi Duong (2019). Research on using of biological material for revegetation on slope land in Bac Giang. Journal of Vietnam science and technology 2019.