

CURRICULUM VITAE

=====

PERSONAL INFORMATION

Full name: NGUYEN THI MINH
Nationality: Vietnam
Sex: Female Date of Birth: Feb 13, 1971
Marital Status: Married Place of Birth: Hanoi, Vietnam
Address: 89 Park river, Ecopark urban. Van Giang district,
Hung Yen province, Vietnam
Telephone: Mobi: 84-0818468886
Email: NguyenMinhvn@hotmail.com, NguyenMinh@vnua.edu.vn



WORKING ORGANIZATION

Name of organization:
Department of Microbiology
Faculty of Natural Resource and Environment (FONRE)
Center for Agricultural Innovation (CAI)
Vietnam National University of Agriculture (VNUA)
Address: Vietnam National University of Agriculture (VNUA)
Trau Qui towm, Gia Lam district, Ha Noi city, Vietnam

EDUCATION

1. Main background

Degree or diploma held or being completed	Year of attendance	Name and place of Institution
B.Sc degree in Biology (Microbiology field)	1990 -1995	Hanoi National University, Vietnam
M.Sc degree in Agriculture (Bioresource/Soil Microbiology field)	2001-2003	Yamaguchi University, Japan
PhD degree in Agricultural science (Environmental Microbiology field)	2006-2010	Tottori University, Japan
Researcher post-doc (Applied and environmental Microbiology field)	2012/12-2014/5	Yamaguchi University, Japan

2. Membership in Professional Association:

- Vietnam Soil science society
- Vietnam Biomedical asociation
- Japan Society for Soil Science and Plant Nutrition
- American Society of Microbiology

3. Other training attendances:

- Training course on “*Applied microbiology*” held by Hanoi National University, 1999.
- Training course on “*Analysis method of microbiology*” held by Ministry of Agricultural and Rural Development, 2006.
- Training course on “Promotion of China-ASEAN Marine Eco-protection Technology” held by Guangxi University, China. October, 2014.
- Training course on “Fertilizer sampling and testing” held by Plant Protection Department, Ministry of Agricultural and Rural Development, 2021.

4. Languages

Language	Speaking	Reading	Writing
Vietnamese	Mother tongue	Mother tongue	Mother tongue
English	Good	Good	Good
Japanese	Communication	Communication	

PROFESSIONAL WORK

Time	Employer	Position
June 1997 to date	Faculty of Natural Resource and Environment, Vietnam National University of Agriculture (VNUA)	Lecturer
March 2016 to August 2020	Center for Agricultural Innovation, Vietnam National University of Agriculture (VNUA)	Vice director
May 2021 to 2023	Red sun biotechnology joint stock company	Technology consultant
June 2023 to date	Amitech Natural Biopharmaceutical technology Co. Ltd.	Technology consultant

PROFESSIONAL SKILLS

- Applied Micro/Bio-technology in sustainable organic agricultural development/circular economy and green growth; Conservation of biodiversity and enhancing the ecosystem; Ecological Agricultural Review and Evaluation.
- Application of fermented probiotics and natural essences in the production of healthy foods. Industrial fermentation process of traditional foods.
- Treatment of polluted soil, water and air by Micro/Bio-technology (bioremediation).
- Composting by using soil microorganisms. Nutrient cycle and metabolisms by microbes in soil and water.
- Arbuscular Mycorrhizae, Ectomycorrhizae, Algae, Endophytic microbes, Rhizobium and their applying in Agricultural production and environment protection.
- Biomaterial for revegetation and reforestation to prevent soil erosion and protect slope, soil reclamation, recover salinity, acid and drought soil, promote plant growth (especially in soil with poor nutrient).

- Thermo-tolerant microbes and Bio-products for fermentation (5 carbon saccharite, fermented honey; grain yogurt from plants, ...). Fermenting agricultural wastes to produce Bio-ethanol and organic fertilizer; for treatment livestock wastes, improve soil fertility and apply for planting crop.

- Analysis and evaluation of microbial density and diversity in the environment (soil, water, air, waste, ecosystems, ...). Analysis and evaluation of microorganisms in food, food and raw materials safety.

- The methods and techniques to adapt with climate change in agricultural production, treatment and restore environment by biotechnology.

THE PROJECTS INVOLVED AND FUNDED PROPOSALS

Leading projects	Time	Code, Program	Status
Building a model of biotechnology application model in circulating animal husbandry in Phu Tho province	2024-2025	Province level project at Phu Tho province	In process
Research and application of biotechnology effectively using saline soil, adapting to climate change in Thai Binh	2024	Province level project at Thai Binh province	In process
Program: Application of outstanding technology to support farmers to develop animal husbandry and aquaculture	2022-2023	Province program	finished
Piloting the technology of producing mineral organic fertilizer for target crops from livestock waste and biogas byproducts in Vietnam (consultant leader)	2018-2019	The ADB project under the Low Carbon Program	Finished
Assessment of the current state of environment and application of biotechnology in the treatment of odor and solid waste in chicken farms in Hung Yen province	2018-2019	Province level project at Hung Yen province	Finished
Research on creating new microbial products for treatment of crop residues and livestock wastes under the ministerial-level project: Researching the use of organic materials and organic fertilizers to improve the efficiency of production one time	2017-2020	MRDA, key project	Finished
Development of biomaterial production technology of Japan for covered revegetation to make landscaping and protect slope in Vietnam	2017 - 2019	Foreign Talent STI Grant “Fostering Innovation through Research, Science and Technology” Project (Credit No. 5257-VN)	Finished

		First VNUA/14 by World bank	
"Researching the ability to inhibit nematodes, medium composition, culture conditions to the development of fungi" belongs to national project: "Research on application of Nano technology to production of liquid microbiological preparations from microorganisms, nanochitosan and medical plants for control of nematode diseases in pepper in the Central Highlands"	2017	Branch of National project ĐTĐL. CN-07/16	Finished
Research on micro-nutrient product with multi-function from livestock waste liquid and endophytic microorganisms	2015-2017	T2015-04-05 TĐ	Finished
Effect of Arbuscular Mycorrhizae on growth of legumes plants on Red river alluvial soil	2006	T2006-03-23	Finished
Effect of organic fertilizers on establishment of <i>Vesicular Arbuscular Mycorrhizae</i>	2005	T2005-03-42	Finished
Isolation and collection of <i>Arbuscular Mycorrhizal</i> fungi for crop inoculation	2004	T2004-03-56	Finished
Involved Projects	Time	Code, Program	Status
Research on organic cashew production in the direction of circular agriculture	2022-2025	MOST ĐTĐL.CN-57/22	In process
Research on microbial product for treatment and rehabilitation of soil contaminated with plant protection chemicals to serve safe agriculture	2022-2024	Key project of Univ. Level	In process
Research on using fly ash to produce organic substrate for flower and bonsai	2022-2023	University project	Finished
Analysis of microbial composition in the circulating waste treatment system	2022	International project	Finished
Assessing the impact of Black Soldier Fly (<i>Hermetia illucens</i> Linnaeus, 1758) on biodiversity and proposing directions for using Black Soldier fly to produce feed for livestock and poultry in Vietnam	2021-2022	Ministry of Agriculture and rural development (MARD)	In process
Research on technology to treat environmental pollution in epidemic and at risk areas of African swine fever virus	2019-2020	MARD project	Finished
Research, application of endogenous microorganisms, root zones to contribute to increase productivity, quality and sustainable development of coffee	2018-2019	Province level project	Finished

Study to build emission factors from straw burning activities into emission inventories and assess the impact on air quality in Hanoi city	2017-2019	MOST: Nafosted	Finished
Study on buiding the emission index of Polycyclic aromatic hydrocarbons condensate (Polycyclic Aromatic Hydrocarbons, PAHs) and its derivatives (NPAHs) emissions from burning straw after harvesting in Vietnam	2016-2017	Key poject of Univ. Level	Finished
Building a model linking in application of technology of manure waste treatment to industrial production of organic fertilizer with high quality in medium and large farms.	2015-2017	National level project	Finished
Research on treatment of Mushroom Culture Residues and Chicken Manure into Bio-Organic Fertilizer, server for safety agricultural production	2014-2015	Univ. project (HV-2014-03-58)	Finished
Research on bio-mertarial for covered revegetation in barren land	2012-2013	Univ. project T2012-04-03TĐ	Finished
Application of VNUA practical process for pig farm waste treatment in Hoang Hoa, Thanh Hoa province (for biogas and organic fertilizer)	2012-2013	Province level project at Thanh Hoa province	Finished
Research on bioremediation of Cu, Zn, Pb contaminant in farmland	2006-2007	MOST	Finished

THE PATENTS AND APPLICATION IN PRACTICE

No	Name of patent	Certificate/Year
1	Biological products from probiotic microorganisms combined with herbs used as animal feed supplements and the production process of this biological product	Decision No. 31721/QĐ-SHTT-IP MOST date 22/03/2024
2	Biological products used to treat environments contaminated with gasoline and oil and the production process of this product	Decision No. 31712/QĐ-SHTT-IP MOST date 22/03/2024
3	Useful Solution: Starter Microorganisms for Natto Production and Production Process of this product	Decision No. 31701/QĐ-SHTT-IP MOST date 22/03/2024
4	Multi-purpose biological product used in aquaculture environment treatment and production process of this product	Decision No. 31700/QĐ-SHTT-IP MOST date 22/03/2024
5	Probiotic product and probiotic production process for fermenting honey and fruit juice	Decision No. 31697/QĐ-SHTT-IP MOST date 22/03/2024

6	Hydrolyzed probiotic product and production process of this product using hydrolyzed animal and plant	Decision No. 31691/QĐ-SHTT-IP MOST date 22/03/2024
7	Hydrolysis procedure for diseased animals in ASF-affected areas at different scales	Decision No. 408/QĐ-TY-DT of Department of Animal Health, Ministry of Agriculture and Rural Development, November 26, 2021.
8	Liquid bioproduct and production process this product for using in aquaculture	Decision No 13232w QĐ-SHTT MOST date 18/8/2021
9	License for circulation: microbial product Vnua-MiosV used to treat livestock waste	Decision 373/CN-MTCN. Department of Livestock - Ministry of Agriculture and Rural Development. 4/2021
10	Advance technology No TBKT 01-105:2021/BVTV: Process of using organic materials and organic fertilizers for the production of some organic vegetables in the Northern provinces	Decision No. 1008/QĐ-BVTV-KH. Plant Protection Department - Ministry of Agriculture and Rural Development
11	Advance technology No TBKT 01-101:2020/BVTV: Technological process for producing mineral-organic fertilizers from pressed pig manure and peat	Decision No. 2796/QĐ-BVTV-KH. Plant Protection Department - Ministry of Agriculture and Rural Development
12	Utility solutions N° 1752: Bio-product and production processes of bio- products using for revegetation	No 36413/QĐ-SHTT, MOST date 30/5/2018

The research results which applying in practice

No	Name	Scale, applied address	Time
1	Model of Biosafety and Circulation livestock (Pig, chicken) in the direction of circular economy	Farm model in Hanoi, Hoa Binh, Bac Giang, Hai Duong, Ninh Binh provinces.	2022-2023
2	Biosafety and Circulation aquaculture model in the direction of organic seafood	Model of organic shrimp and fish farming in Bac Giang, Hai Duong, Hai Phong, Binh Duong provinces	2022-2024
3	Model of treatment of oil contaminated water in Cam Ranh	Model in Cam Ranh port bay, Khanh Hoa province	2022
4	Revegetation model on sandy beach	Model in Cam Ranh port bay, Khanh Hoa province	2021
5	Revegetation model on sloping land	Model in Huong Lac commune, Lang Giang, Bac Giang province	2018-2020
6	Organic farming model (turmeric and tomato plants) using organic fertilizer from chicken manure treatment	Pilot model in Chi Tan commune, Khoai Chau, Hung Yen province	2019

7	Control, deodorize barns, process chicken manure into organic fertilizer	Pilot model in Khoai Chau, Hung Yen province	2019
8	Production of specialized mineral organic fertilizers for staple crops from pig waste. Cultivating staple crops with mineral organic fertilizers	Trial production at Nicotex Joint Stock Company to serve crop cultivation (celeral crops, vegetables, fruits, industrial crops) in 9 provinces of the Low Carbon project	2018-2019
9	Production of micro-organic fertilizer (in solid and liquid style) from pig manure	Pig Farm at Nghi Cong, Nghe An province	2016
10	Production of bio-organic fertilizer and mineral fertilizer from residue after earthworm feeding	Phu Dong farm at Gia Lam, Hanoi	2015-date
11	Biomaterial for revegetation in barren land and hills	Test model at Dong Tien commune, Viet Yen district, Bac Giang province	2013-2014

The Awards (*scientific, products, quality, ...*)

No	Prize form and content	Year of reward
1	Certificate of Merit from the Minister of Agriculture and Rural Development	Decision 4340/QĐ-BNN-TCCB, 26/10/2017
2	Ministerial-level emulation warrior	Decision 4011/QĐ-BNN-TCCB, 15/10/2018
3	Certificate of creative labor of Vietnam General Confederation of Labor	Decision No 1572/QĐ-TLĐ date 10/11/2020
4	Certificate of creative labor of Vietnam General Confederation of Labor	Decision No 3416/QĐ-TLĐ date 21/10/2021
5	Certificate of creative labor of Vietnam General Confederation of Labor	Decision No 5496/QĐ-TLĐ date 21/10/2022

PUBLICATIONS AND CONFERENCES

1. **Minh Thi Nguyen**, Nguyet Minh Le, Nobuyuki Kohno and Takuya Marumoto (2024). Design the production process of biomaterial for covered revegetation on slope in Vietnam. *National workshop: National Land Management Workshop for Sustainable Development*. Hue University July, 2024.

2. **Nguyen Thi Minh**, Nguyen Tu Diep (2024). Potential application of biological products in improving saline soil, adapting to climate change. *National workshop: "Agricultural and rural environment and sustainable development"*. Vietnam National University of Agriculture, April 2024.
3. **Nguyen Thi Minh**, Nguyen Tu Diep, Pham Minh Hieu (2023). Study on the effects of fly ash on organic substrate and growth of *Gerbera jamesonii*. *Vietnam Journal of Agricultural Science* No. 22 (3): 359-368.
4. Tran Thi Dinh, Than Thi Huong, Nguyen Thi Hoang Lan, Le Minh Nguyet, Dang Thu Huong, **Nguyen Thi Minh** (2023). Isolation and selection of lactic acid bacteria for application in soybean yogurt fermentation. *Vietnam Journal of Agricultural Science* 2023, No. 21(10): 1317-1326
5. **Minh Thi Nguyen**, Kazuhira Yokoyama & Takuya Marumoto (2023). Effect of Arbuscular mycorrhizal (AM) fungi inoculation on revegetation at Nukui dam site, Japan. *Vietnam Science and Technology Journal* Vol 65 (N°1): 47-53(English version).
6. **Nguyen Thi Minh**, Pham Chau Thuy (2023). Effective in treatment of chicken farming environmental farming with VNUA-Miosv preparations in Hung Yen. *National Workshop: "Model of waste treatment in agriculture in Vietnam"*. April 28, 2023.
7. **Minh Thi Nguyen**, Huong Thi Tu, Thuy Chau Pham (2022). Research on the possibility of using yeast and Mycorrhizal fungi to restore drought soil. *International workshop APFITA 2022: Promoting Smart Technologies for Sustainable Agriculture*, Nov., 2022.
8. **Nguyen Thi Minh**, Le Minh Nguyet, Le Thi Ngoc Ai (2022). Researching the production of soy sauce with the *Aspergillus Oryzae* starter. *National workshop: "Useful Microorganisms applied in agriculture and food"*. Nov., 2022.
9. **Nguyen Thi Minh**, Le Minh Nguyet, Ly Thi Tuoi (2022). Research on treatment of by - products after processing fish. *National workshop: "Useful Microorganisms applied in agriculture and food"*. Nov., 2022.
10. Pham Chau Thuy and **Nguyen Thi Minh** (2022). Evaluation of the efficiency of using organic fertilizers from chicken manure on growth, yield and quality of turmeric and tomato plants in Khoai Chau, Hung Yen. *Journal of Agriculture and Rural Development* No. 425-2022: 31-38.
11. Linh Hoang Thi, Nguyet Le Minh, Oanh Mai Cat Hoang and **Minh Thi Nguyen*** (2022). Selection of yeast for production of fermented juice from mango (*Mangifera*). *The 18th Young Scientist Seminar "Establishment of International Research Network for Bioresources and Their Utilization"*. Yamaguchi University, November, 2022.
12. Vo Huu Cong, **Nguyen Thi Minh**, Nguyen Thu Ha, Dinh Mai Thuy Linh and Pham Van Cuong (2021). Agricultural residues for organic compost fertilizer catalyzed by selected microbial strains. *Journal of ISSAAS* Vol. 27, No. 2: 43-54 (2021).
13. **Minh Thi Nguyen**, Nguyet Minh Le (2021). Research on hydrolysis ability of by-products after processing fish by microorganism combination. *The 18th Young Scientist Seminar "Establishment of International Research Network for Bioresources and Their Utilization"*. Yamaguchi University, November, 2021.

14. Pham Chau Thuy, **Nguyen Thi Minh** (2021). Assessment of environmental situation in poultry production farms at Khoai Chau district, Hung Yen province. *TNU Journal of Science and Technology*.
15. Thuy-Chau Pham, Bich- Thuy Ly, Trung- Dung Nghiem, Thi Hong- Phuong Pham, **Nguyen-Thi Minh**, Ning Tang, Kazuhichi Hayakawa, Akira Toriba (2021). Emission factors of selected air pollutants from rice straw burning in Hanoi, Vietnam. *Journal of Air Qual Atmos Health* (2021). <https://doi.org/10.1007/s11869-021-01050-6>
16. **Nguyen Thi Minh**, Doan Thi Linh Dan, Pham Van Cuong (2021). Selection of microbial varieties to produce new microbial products (Vnua-MiosV) for treatment of livestock waste. *Journal of Agriculture and Rural Development* No. 5, 2021: 102-109.
17. Nguyen Thi Ai Nghia, Pham Van Cuong, **Nguyen Thi Minh**, Tran Thi Minh Hang (2020). The influence of the manure is composted by new microorganisms (VNUA-MIOSV) on the productivity and quality of organic vegetables in Luong Son, Hoa Binh. *Journal of Agriculture and Rural Development* 397-2020: 37-44.
18. **Nguyen Thi Minh**, Nguyen Thi Khanh Huyen, Duong Khoi Khoa (2019). Research on the use of biological materials in revegetation on sloping land in Vietnam. *Journal of Vietnam Science and Technology*. 2019
19. **Nguyen Thi Minh**, Nguyen Thi Khanh Huyen (2019). Research on raw materials for the production of biomaterials used to revegetation on sloping land. *Journal of Agriculture and Rural Development* No. 20, 2019.
20. **Nguyen Thi Minh**, Le Minh Nguyet, Nguyen Thi Khanh Huyen (2019). Isolation and selection of Mycorrhizal Arbuscular mycorrhizae Fungi for the production of biomaterials for revegetation on sloping soils. *Journal of Agriculture and Rural Development* No. 20, 2019.
21. **Nguyen Thi Minh**, Vu Huong Giang, Nguyen Thi Khanh Huyen (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 (ISBN 978-4-9906826-1-3).
22. 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 (ISBN 978-4-9906826-1-3).
23. **Nguyen Thi Minh**, Nguyen Quang Huy, Vu Thi Xuan Huong (2018). Research on using pig waste to raise earthworms. *Journal of Agriculture and Rural Development* No., 2018.
24. Nguyen Hai Van, **Nguyen Thi Minh** (2017). Research on using endophytic microorganisms isolated from different ecological regions. *J. of Vietnam Agriculture Science*. 2017, Vol 15, No 5: 605-618.
25. **Nguyen Thi Minh** (2017). Selection of endogenous microorganisms from saline and acid soil, Hai Phong. *J. of Vietnam Agriculture Science* 2017, tập 15, số 5: 619-630.
26. **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.

27. **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.
28. **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 Agriculture Science*. 2017, Vol 15, No 9.
29. **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.
30. **Nguyen Thi Minh**, Vu Van Tuan (2017). Lesson learned from the registration of a useful solution for useful solutions for biological products. The workshop: “Intellectual Property: From theory to practice at the Vietnam National University of Agriculture”. May, 2017.
31. **Nguyen Thi Minh** (2017). Ability to use phosphorus solubilized microorganisms in soil improvement. *Journal of Agriculture and Rural Development* No. 20, 2017.
32. **Minh Nguyen Thi**, Phuong Nguyen Thi (2017). Research on selection of thermotolerant yeast for ethanol fermentation from cassava wastes. *The 13th Young Scientists seminar in the Asia Core program*. Yamaguchi, Japan.
33. Suprayogi, **Minh T. Nguyen**, Noppon Lertwattanasakul, Nadchanok Rodrussamee, Savitree Limtong, Tomoyuki Kosaka, Mamoru Yamada (2016). A *Kluyveromyces marxianus* 2-deoxyglucose-resistant mutant with enhanced activity of xylose utilization. *Journal of International Microbiology*, vol. 18: 235-244.
34. **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.
35. **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.
36. **Nguyen Thi Minh** (2015). Research on treatment of by -products from mushrooms cultivation into organic substrate to grow clean vegetables. *Workshop: Female scientific at Vietnam National University of Agriculture*.
37. **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.
38. **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.
39. **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.
40. **Minh Thi Nguyen** and Quyen Thi Nguyen (2013). Potential of Bioethanol Production from Agricultural Wastes by Microbe’s Fermentation. *The 9th Young Scientists seminar in the Asia Core program*. Yamaguchi, Japan.

41. **Minh Thi Nguyen**, Sang Thi Nguyen and Quyen Thi Nguyen (2012). Fermentation of Agricultural Wastes after Harvesting by Microbes Combination for Bioethanol Production. *J. Sci. & Devel.*, Vol. 10, No. 4: 654-660.
42. **Minh Thi Nguyen**, Kazuhira Yokoyama and Takuya Marumoto (2011). 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.
43. **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 *Sinorhizobium* spp. *Japan Soil Science and Plant Nutrition* Vol. 56 (No 3), p 382-389.
44. **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.
45. **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, Japan 2009.
46. **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 occupied nodules. *The conference of Japanese society of Soil science and Plant nutrition* Vol. 104. Tokushima, November 2008.
47. **Minh Thi Nguyen** and Kazuhira Yokoyama (2008). 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 2008.
48. **Nguyen Thi Minh**, Vu Thi Len (2008). Selection of microorganism combination with high biological characters for domestic wastewater treatment. *Journal of Vietnam Soil Science* Vol. 30.
49. **Minh Thi Nguyen** (2007). Effect of inoculated Arbuscular Mycorrhizae on legume plant growth in alluvial soil of red river. *Journal of Vietnam Soil Science* Vol. 28.
50. **Minh Thi Nguyen** (2007). Effects of some organic fertilizers on Vesicular arbuscular mycorrhizal symbiosis establishment and host plant growth. *Journal of Vietnam Soil Science* Vol. 28.
51. **Nguyen Thi Minh**, Le Anh Tung (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.
52. 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.
53. **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.

54. **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.
55. 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.
56. **Nguyen Thi Minh** (2001). The effectiveness of *Bukhoderia vietnamensis* TVV75 microbial preparations for rice in the Red River Delta. *Proceedings of workshops: "Research and development towards sustainable agriculture*. Hanoi Agriculture University.

BOOK/BOOK CHAPTER

1. **Nguyen Thi Minh**, Dinh Hong Duyen, Le Minh Nguyet (2023). Microbiological technology applied in environmental treatment and restoration. Monographs book. *Publisher of Agricultural University*.
2. Dinh Hong Duyen, Vu Thi Hoan, **Nguyen Thi Minh**, Nguyen Xuan Hoa, Vu Tu Diep (2023). Practice in biotechnology for environmental treatment. Salybus book. *Publisher of Agricultural University*.
3. **Nguyen Thi Minh** (2017). Arbuscular Mycorrhizae applied in agricultural production and environmental protection. Monographs book. *Publisher of Agricultural University*.
4. **Nguyen Thi Minh**, Le Minh Nguyet (2017). Microorganism. Salybus book. *Publisher of Agricultural University*.
5. Nguyen Huu Thanh, Tran Van Chinh, Luyen Huu Cu, Cao Viet Ha, Do Nguyen Hai, Phan Quoc Hung, Hoang Van Mua, **Nguyen Thi Minh** (2017). Soil science. Salybus book. *Publisher of Agricultural University*.
6. Nguyen Xuan Thanh, Vu Thi Hoan, **Nguyen Thi Minh**, Dinh Hong Duyen (2007). Practice of specific Microbiology. Salybus book. *Vietnam Agricultural Publishing House*. Academic press.
7. Nguyen Xuan Thanh, Vu Thi Hoan, **Nguyen Thi Minh**, Hoang Hai (2005). Microbiological practice. Salybus book. *Vietnam Agricultural Publishing House*. Academic press.

I hereby declare that the information that has been provided in this form and on any attachments to it is complete and correct in every detail.

Hanoi, August 6, 2024

Signature



Nguyen Thi Minh