**Curriculum vitae**

**1. Name**: NGUYEN THI NGOC DINH (female)

**2. Date of Birth**: 13th, September, 1984

**3. Address**: Tan Tien, Van Giang, Hung Yen

**4. Office**: Department of Experimental Methods & Biostatistics, Faculty of Agronomy, Vietnam National University of Agriculture, Hanoi, Vietnam

**5. Office address**: Trau Quy Town, Gia Lam district, Hanoi, Vietnam

**6. Home address**: Room 408, D13 building, Dang Xa Residential complex, Gia Lam district, Hanoi, Vietnam.

**7. E-mail**: ngocdinhhau1@gmail.com; ntndinh@vnua.edu.vn  **Phone number: +84 968441689**

**8. Employment**: Vietnam National University of Agriculture.

**9. Position:**  Lecturer

**10. Major**: Crop Science, Agricultural Extension, Agricultural Systems, Organic Agriculture

**11. Academic background**

Sept. 2002 - Sept. 2006: Bachelor degree of Hanoi University of Agriculture

Oct. 2010 - Sept. 2012: Master degree of Kyushu University, Japan

April. 2015- 3.2018: PhD’s degree of Nagoya University, Japan

**12. Employment record:**

Oct. 2007 - present: Lecturer at Faculty of Agronomy, Vietnam National University of Agriculture.

**13. Direction of research in last 5 years**

Agricultural Extension

Agricultural Systems

Crop Sciences

Organic Agriculture

Drought tolerance in rice

Rice roots related to soil moisture fluctuations in rainfed lowland conditions

Crops stress regulation

**14. Research Project Coordinator**

1. Project for development of crop genotype in Midland and mountainous areas in north Vietnam, funded by JICA, 2010-2015.

**15. Experience in Education and Science Society**

1. Certificate of Attendance the training workshop on Organic JAS Standard and Certification. Ministry of Agriculture, Forestry and Fisheries of Japan was held on December 5-6, 2018, Hanoi, Vietnam

**16. Supervisor for Master student**

Prof. Dr. Toshihiro MOCHIZUKI, Kyushu University, Japan

Title of Master’s thesis: “Varietal differences in morphological and physiological characteristics of rice seedlings (*Oryza sativa* L.) under various water regimes”.

**17. Supervisor for PhD student**

Prof. Dr. Akira YAMAUCHI, Nagoya University, Japan.

Title of PhD’s thesis: “Role of root plasticity in hardpan penetration and growth under soil moisture fluctuations in rice”.

**18. Publication**

**18.1. Papers**

**1.** **Nguyen Thi Ngoc Dinh**, Nguyen Van Loc, Toshihiro MOCHIZUKI, 2014. *The effects of different water regimes on growth and water use efficiency in seedling stage of some rice varieties (Oryza sativa L.)*. Journal of Science and Development, Vietnam National University of Agriculture. Vol.12, No. 3: 298-310.

2. **Nguyen Thi Ngoc Dinh**, Pham Tien Dung, Nguyen Hong Hanh, Tran Anh Tuan, 2015*. Effect of organic Nutrient solution on Water spinach grown in Non-circulating Hydroponic.* Journal of Science and Development, Vietnam National University of Agriculture. Vol.13, No. 4: 495-501.

3. Nguyen Hong Hanh, **Nguyen Thi Ngoc Dinh**, Vu Van Tuan, Hoang Thi Lan, 2015. *Effect of organic mulching on yield and quality of Mulberry leaves under rainfed condition.* Journal of Science and Development, Vietnam National University of Agriculture. Vol.13, No. 4: 509-516.

4. **Nguyen Thi Ngoc Dinh**, Pham Tien Dung, Nguyen Ich Tan, Nguyen Hong Hanh, Phan Thi Thuy, 2015. *Effects of Different Vermicompost Levels on The Growth, Yield of ĐTL2 Rice Variety in Spring Season at Gia Lam, Ha Noi.* Journal of Science and Development, Vietnam National University of Agriculture. Vol.13, No. 7: 1081-1088.

5. Nghia Thi Ai Nguyen, Cuong Pham Van, **Dinh Thi Ngoc Nguyen** & Toshihiro Mochizuki, 2015. *Genotypic variation in Morphological and Physiological Characteristics of Rice (Oryza sativar L.) under Aerobic Conditions.* Plant Production Science, 18:4, 501-513.

6. Phạm Tien Dung, Dao Chau Thu, Le Van Hung, Nguyen Hong Hanh, Nguyen Thi Ai Nghia, Phi Thi Diem Hong, Nguyen Thi Ngoc Dinh, 2016. Organic Agriculture Text book. Vietnam National University of Agriculture Press.

7. **Dinh Thi Ngoc Nguyen**, Roel Rodriguez Suralta, Mana Kano-Nakata, Shiro Mitsuya, Stella Owusu-Nketia & Akira Yamauchi, 2018. *Genotypic variations in the plasticity of nodal root penetration through the hardpan during soil moisture fluctuations among four rice varieties.* Plant Production Science, 21:2, 93-105. DOI: 10.1080/1343943X.2018.1439757.

8. Stella Owusu-Nketia, Yoshiaki Inukai Roel Rodriguez Suralta, Kazuyuki Doi, Shiro Mitsuya, Mana Kano-Nakata, Jonathan M. Niones, **Dinh Thi Ngoc Nguyen**, Kabuki Takuya, Daigo Makihara & Akira Yamauchi, 2018. *Root plasticity under fluctuating soil moisture stress exhibited by backcross inbred line of a rice variety, Nipponbare carrying introgressed segments from KDML105 and detection of the associated QTLs*. Plant Production Science, 21:2, 106-122. DOI: 10.1080/1343943X.2018.1446759.

9. Stella Owusu-Nketia, Jonaliza Lanceras Siangliw, Meechai Siangliw, Theerayut Toojinda, Apichart Vanavichit, Noppon Ratsameejanphen, Mathurada Ruangsiri, Sararin Sriwiset, Roel Rodriguez Suralta, Yoshiaki Inukai, Shiro Mitsuya, Mana Kano-Nakata, **Dinh Thi Ngoc Nguyen**, Kabuki Takuya & Akira Yamauchi, 2018. Functional roles of root plasticity and its contribution to water uptake and dry matter production of CSSLs with the genetic background of KDML105 under soil moisture fluctuation. Plant Production Science. DOI: 10.1080/1343943X.2018.1477509.

10. Nguyen Ich Tan, Nguyen Thi Ngoc Dinh, Tong Thi Loan, 2020. Effect of density and fertilizer nitrogen on growth and yield of Red Quinoa in Thach Thanh, Thanh Hoa. Vietnam soil science, 58, p 20-25.

**18.2. PROCEEDING IN WORKSHOP AND SEMINAR**

1. Pham Van Cuong, Vu Thi Mai, Nguyen Dinh Son, **Nguyen Thi Ngoc Dinh**, Takuya Araki, Shinji Fukuda, 2009. *Effect of the System of Rice Intensification (SRI) on grain yield of hybrid rice Vietlai 24 under low Nitrogen fertilizer condition*. Scientific Seminar between Hanoi University of Agriculture and Kyushu University: Soil, water and nutrient in farming systems in Vietnam. Pp 20-21

2. **Nguyen Thi Ngoc Dinh,** Nguyen Van Loc, Toshihiro MOCHIZUKI, 2012.*Varietal differences in morphological and physiological characteristics of rice (Oryza Sativar L.) under various water regimes*. The Meeting of Crop Science Society of Japan*.* Vol.81 Extra issue 1: 314-315. Doi: <https://doi.org/10.14829/jcsproc.233.0.314.0>

3. Nguyen Van Loc**, Nguyen Thi Ngoc Dinh,** Toshihiro MOCHIZUKI, 2012.*Growth of Rice seedlings in relation in Nitrogen form under water stress condition*. The Meeting of Crop Science Society of Japan. Vol.81, Extra issue 2: 246-247. Doi:<https://doi.org/10.14829/jcsproc.234.0_246>

4. **Nguyen Thi Ngoc Dinh**, Roel R. Suralta, Kano-Nakata Mana, Shiro Mitsuya, Owusu Nketia Stella, Wasilwa Jackline Nekesa, Akira Yamauchi, 2016. *Genotypic variations among chromosome segment substitution lines (CSSLs) parents in the plasticity in root hardpan penetration during soil moisture fluctuations.* The 242nd Meeting of the CSSJ. September 10 and 11, 2016. Pp: 96.

5. Wasilwa Jackline Nekesa, Menge Daniel Makori, Owusu Nketia Stella, Shiro Mitsuya, Mana Kano-Nakata, Suralta Roel Rodriguez, **Nguyen Dinh Thi Ngoc**, Akira Yamauchi, 2017. *Plasticity expression of root branching and deep rooting and its contribution to growth and yield of Upland New Rice for Africa (NERICA) under different soil moisture conditions.* The 243rd Meeting of the CSSJ. March 29 and 30, 2017. Pp: 93.

6. **Dinh Thi Ngoc Nguyen**, Roel R. Suralta, Mana Kano-Nakata, Shiro Mitsuya, Stella Nketia Owusu, Jackline Nekesa Wasilwa, Akira Yamauchi, 2017. *Evaluation of root plasticity in hardpan penetration under soil moisture fluctuations by using chromosome segement substitution lines (CSSLs).* The 243rd Meeting of the CSSJ. March 29 and 30, 2017. Pp: 194.

7. **Nguyen Thi Ngoc Dinh**, Roel R. Suralta, Mana Kano-Nakata, Shiro Mitsuya, Stella Nketia Owusu, Takuya Kabuki, Akira Yamauchi, 2017. Utilizing chromosome segment substitution lines (CSSLs) to evaluate developmental plasticity of root systems in hardpan penetration and deep rooting triggered by soil moisture fluctuations in rice. 9th Asian Crop Science Association Conference, 4-7, June, 2017, ICC, Jeju, Korea. Pp. 317.

8. **Nguyen Thi Ngoc Dinh**, Roel R. Suralta, Kano-Nakata Mana, Shiro Mitsuya, Owusu Nketia Stella, Akira Yamauchi, 2017. Aerenchyma development may enhance hardpan penetration of rice roots when grown under soil moisture fluctuation. Japanese Society for Root Research 47. October 2017. Pp 12.

9. **Nguyen Thi Ngoc Dinh**, Pham Tien Dung, Do Thi Thanh, 2018. Circulating Hydroponic Technology using draw Media Bed for Producing Organic Vegetables: Practice and Potention. In: Application high Technology for Agriculture in the industrial revolution 4.0. The conference of Vietnamese Ministry of Education and Training, Ministry of Agriculture and Rural Development, and Vietnam National University of Agriculture, 4th, July, 2018, Hanoi, Vietnam. Pp: 187-195.

10. Nguyen Thi Ngoc Dinh and Yamauchi Akira, 2019. Genotypic variations in the plasticity of nodal root penetration through the hardpan during soil moisture fluctuations among *indica* and *japonica* rice varieties. Proceedings of Seminar which held by Faculty of Agronomy, Vietnam National University of Agriculture on 26th April, 2019. Pp: 131-142.

*10th* ***May, 2019***

***Nguyen Thị Ngọc Dinh***