

## SCIENTIFIC CURRICULUM VITAE

### 1. Personal details

|                         |   |            |            |
|-------------------------|---|------------|------------|
| Full name               | NGO THI DUNG  | Birth date | 30/11/1979 |
| Academic title          | PhD   | Sex        | Female     |
| Administrative position | Lecturer, Head of Department  | ID Number  |            |
| Department              | Department of Water Resources, Faculty of Natural Resources and Environment (FONRE)       |            |            |
| Institution             | Vietnam National University of Agriculture (VNUA)   |            |            |
| Address                 | Trau Quy, Gia Lam   | City/prov  | Hanoi      |
| Cell phone              |   |            |            |
| Email (office)          | ntdung@vnua.edu.vn  |            |            |
| Second email            | Ngothidung79@gmail.com  |            |            |
| Orcid number            | <a href="https://orcid.org/0000-0002-0524-0279">https://orcid.org/0000-0002-0524-0279</a> | H-index    |            |

### 2. Qualifications

| No. | Years | Academic Institution                       | Major/specialty             | Academic degree |
|-----|-------|--|-----------------------------|-----------------|
| 1   | 2018  | Vietnam national university of Agriculture | Water Resources Engineering | PhD             |
| 2   | 2006  | ThuyLoi University                         | Water Resources Engineering | MSc             |
| 3   | 2002  | ThuyLoi University                         | Water Resources Engineering | BSc             |

### 3. Professional experience

| No. | Years          | Institution   | Address                    | Position           |
|-----|----------------|---|----------------------------|--------------------|
| 1   | 5.2021 - now   | Department of Water Resources<br>Faculty of Natural Resources and Environment (FONRE)<br>VietNam National University of Agriculture | Trau Quy - Gia Lam - Hanoi | Head of Department |
| 2   | 11.2013-5.2021 | Department of Water Resources<br>Faculty of Land Management<br>VietNam National University of Agriculture                           | Trau Quy - Gia Lam - Hanoi | Head of Department |
| 3   | 2007-10.2013   | Department of Water Resources<br>Faculty of Natural Resources and Environment (FONRE)<br>VietNam National University of Agriculture | Trau Quy - Gia Lam - Hanoi | Lecturer           |

### 4. Language (Rating: A-Poor/deficient; B - Fair; C – Sufficient; D – Fluent)

| Language | Reading | Writing | Speaking | Certificate/degree |
|----------|---------|---------|----------|--------------------|
| English  | B       | B       | B        |                    |

## 5. Expertise and research interests

5.1 Main research orientation: Water Resources Engineering; Water Resources Management

5.2 List of research projects

| No. | Project name   | Funding agency & amount                    | Project duration | Position in the project (manager, coordinator, secretary, researcher) |
|-----|--|--|------------------|---|
| 1   | Evaluation of the operation of the irrigation system in the process of implementing new rural construction associated with agricultural restructuring in Kien Xuong district, Thai Binh province | VietNam National University of Agriculture | 2020             | secretary   |
| 2   | Assessment of heavy metal accumulation in some leaf vegetables under the effects of irrigation water   | VietNam National University of Agriculture | 2020             | researcher  |
| 3   | Study on Limit Factors of Soil for Orange Cultivation in Ham Yen District, Tuyen Quang Province  | VietNam National University of Agriculture | 2019             | manager   |
| 4   | Research to identify a combination of specialized fertilizers for oranges, pomelos and dragon fruit during the business period in some main growing areas  | Ministry                                   | 2019-2022        | secretary   |
| 5   | Effect of irrigation method on the growth, development, and yield of winter tomato in Red River alluvial soils   | VietNam National University of Agriculture | 2015             | manager   |
| 6   | Study on the effect of water regim and nitrogen management on the growth and yield of papyrus  |  | 2013-2016        | researcher  |
| 7   | Assess current status of water resources management and propose solutions to improve water use efficiency in Kim Son, Ninh Binh province   | Ministry                                   | 2010-2011        | researcher  |
| 8   | Modeling the application of water and fertilizer saving  | Provincial                                 | 2008-2010        | researcher  |

|   |   |          |           |            |
|---|---|----------|-----------|------------|
|   | measures in intensive rice farming in Ha Giang; code KC- HG - 01(08)            |          |           |            |
| 9 | Development of integrated intensive farming for hybrid rice; code: B2008-11-101 | Ministry | 2008-2009 | researcher |

### 5.3 Publications and accomplishments

| No. | Authors  | Year | Title of papers/book  | Name of publishers/No. Vol, page   | ISSN/ISBN                | IF | Notes |
|-----|--|------|---|--|--------------------------|----|-------|
| 1   | Article (s) in ISI-covered journal                         |      |   |  |                          |    |       |
| 2   | Article in other international Journal                     |      |   |  |                          |    |       |
| 3   | National/International Conference(s)                       |      |   |  |                          |    |       |
| 3.1 | Nguyễn Văn Dũng, Nguyễn Thị Giang, Ngô Thị Dung            | 2019 | Modeling of infiltration characteristics by modified Kostiakov method on Thuong river's alluvial soil, Lang Giang district, Bac Giang province, Vietnam | Proceedings: Integrated & Water Management and Climate change in VietNam and Japan; 11/2019                          | ISBN: 978-604-924-439-1  |    |       |
| 3.2 | Ngô Thị Dung, Nguyễn Văn Dũng, Hoàng Thái Đại, Lê Đức Vĩnh | 2015 | Mathematical formula to model soil moisture of a tomato field under drip irrigation in the red river delta  | Proceeding: Impact of land use change on the soil and water quality and rural environment in Vietnam-Japan; 11/2015; | ISBN: 978-604-924-200-7  |    |       |
| 3.3 | Ngô Thị Dung, Nguyễn Văn Dũng, Hoàng Thái Đại, Lê Đức Vĩnh | 2014 | Developing a mathematical model to measure the spreading of soilmoisture under dripping irrigation  | Proceeding of 8th Asian crop Science Association Conference; Asian Crop Science Association; 9/2014;                 | ISBN: 978-604-924-199-4. |    |       |

|   |  |      |   |  |                        |  |  |
|---|--|------|---|--|------------------------|--|--|
| 3.4   | Nguyễn Văn Dũng, Nguyễn Tất Cảnh, Ngô Thị Dung, Nguyễn Thị Giang     | 2014 | Impact of water management and Nitrogen fertilizer application levels on growth and Yield of Spring sedge in 2014 | Proceeding: Effective land, water use in agriculture and protection of rural environment in Vietnam and Japan; 9-2014; Vietnam | ISBN_987-604-924-154-3 |  |  |
| 4 Article(s) in national scientific journal |  |      |   |  |                        |  |  |
| 4.1   | Nguyen Thi Giang, Nguyen Van Dung, Nguyen Thi Hang Nga, Ngo Thi Dung | 2021 | Assessment of heavy metal accumulation in some leaf vegetables under the effects of irrigation water              | Vietnam J. Agri. Sci. 2021, Vol. 19, No. 5: 632-642  |                        |  |  |
| 4.2   | Ngo Thi Dung, Cao Viet Ha, Vu Thi Xuan                               | 2020 | Study on Limit Factors of Soil for Orange Cultivation in Ham Yen District, Tuyen Quang Province                   | Vietnam J. Agri. Sci. 2020, Vol. 18, No. 4: 279-288  |                        |  |  |
| 4.3   | Vu Thi Xuan, Cao Viet Ha, Ngo Thi Dung                               | 2020 | Evaluation of production status and soil characteristics of pomelo in Chuong My district, Hanoi city              | Journal of Vietnam Soil Science, No. 60/2020, pp. 127-131  |                        |  |  |
| 4.4   | Nguyen Thi Giang, Ngo Thi Dung,                                      | 2019 | Modeling of infiltration characteristics by modified Kostiakov  | Vietnam J. Agri. Sci. 2019, Vol. 2, No. 3: 418-425   | ISBN 2588-1299         |  |  |

|     |   |      |   |  |                |  |  |
|-----|---|------|---|--|----------------|--|--|
|     | Nguyen Van Dung   |      | method: A case study in Thuong river alluvial soil in Vietnam   |  |                |  |  |
| 4.5 | Hoang Thai Dai, Nguyen Thuy Linh, Ngo Thi Dung, Vu Thi Xuan     | 2019 | Current status of irrigation water quality in Kieu Ky commune, Gia Lam district, Hanoi city                                 | Journal of Vietnam Soil Science. No. 55/2019, 94-99    | ISSN 2525-2216 |  |  |
| 4.6 | Ngo Thi Dung, Nguyen Van Dung, Hoang Thai Dai                   | 2019 | Evaluation of Tomato Production Current Status in Some Provinces in the Red River Delta                                     | Journal of Water Resources, No. 1, 01-2019, 55-62      | ISSN 1859-3771 |  |  |
| 4.7 | Ngo Thi Dung, Nguyen Van Dung, Hoang Thai Dai, Nguyen Thi Giang | 2017 | Application of the Mathematical Model to Determining the Drip irrigation regime for winter tomato in Gialam district, Hanoi | Vietnam J. Agri. Sci. 2017, Vol. 15, No. 4: 390-399    | ISSN 1859-0004 |  |  |
| 4.8 | Ngo Thi Dung, Nguyen Van Dung, Hoang Thai Dai                   | 2016 | Effects of irrigation methods on the growth, yield and water use efficiency of tomatoes in red river delta alluvial soil    | Vietnam J. Agri. Sci. 2016, Vol. 14, No. 10: 1540-1548 | ISSN 1859-0004 |  |  |
| 4.9 | Ngo Thi Dung, Nguyen Van Dung, Hoang                            | 2016 | Mathematical modelling on moisture spreading and Tomato field by drip   | Journal of Vietnam Soil Science. Vol 48. 29-35.        | ISSN 2525-2216 |  |  |

|      |   |      |   |  |                    |  |  |
|------|---|------|---|--|--------------------|--|--|
|      | Thai Dai,<br>Le Duc<br>Vinh   |      | irrigation on<br>alluvial soil of<br>the Red river  |  |                    |  |  |
| 4.10 | Nguyen<br>Van<br>Dung,<br>Ngo Thi<br>Dung,..  | 2009 | Effective<br>water<br>management<br>in rice<br>cultivation<br>and water<br>resource<br>conservation | Journal of Science<br>and Development<br>Vol.7, English<br>issue No.2, 2009,<br>151-158. | ISSN:<br>1859-0004 |  |  |
| 5    | Text book, lecture notes (published)  |      |   |  |                    |  |  |
| 5.1  | Nguyen<br>Van<br>Dung,<br>Ngo Thi<br>Dung,<br>Nguyen<br>Thi<br>Giang,<br>Vu Thi<br>Xuan       | 2016 | Irrigation and<br>drainage  | Agricultural<br>University Press   |                    |  |  |
| 5.2  | Doan<br>Van<br>Diem,<br>Ngo Thi<br>Dung,<br>Nguyen<br>Thanh<br>Lam,<br>Nguyen<br>Hong<br>Ngoc | 2012 | Natural<br>Resources  | Agricultural<br>University Press   |                    |  |  |
|      |   |      |   |  |                    |  |  |
| 6    | Others (Monographs, patents, scientific awards,..)  |      |   |  |                    |  |  |
|      |   |      |   |  |                    |  |  |

Vietnam National University of Agriculture

*Hanoi*, 30 June, 2021  
(Full name and signature)

*(Signed)*

**Ngô Thị Dung**