Full name: Nguyen Nhat Huy

- ✓ **Date of birth:** November 28, 1984
- ✓ **Gender:** Male
- ✓ **Place of work:**

  University: Ho Chi Minh City University of Technology
  Faculty: Environment and Resources
  Department: Environmental Engineering
  Position: Lecturer
- ✓ **Degree: PhD. Year: 2015**
- ✓ **Academic title:**
- ✓ **Contact:**

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- ✓ **Foreign language:**

No.	*Language*	*Listening*	*Speaking*	*Writing*	*Reading*
1	English	Good	Good	Good	Excellent
2	Chinese	Fair	Fair	Fair	Fair

- ✓ **Working history:**

Duration	*Place*	*Position*
Feb 2006 – Apr 2008	National Institute of Labor Protection – Sub-institute in Ho Chi Minh City	Researcher/Environmental Engineer
May 2008 – Aug 2008	Fukken-Minami Consultant Co.	Environmental Engineer
Sep 2008 – now	Ho Chi Minh City University of Technology	Lecturer

- ✓ **Education outline:**

Level	*Duration*	*Place*	*Field*	*Title of thesis*
B. Eng.	2001– 2006	Vietnam	Environmental Engineering	Calculation and Design the Sewage System and Wastewater Treatment Plant for Thu Dau Mot City, Binh Duong Province
Ph.D.	2010 – 2015	Taiwan	Environmental Engineering	Photocatalytic Removal of NOx Using Titania Nanotubes

- ✓ **Research interests:**

Field: Environmental Engineering

Major:

- Air and Noise Pollution Control Technology,
- Environmental Nanotechnology,
- Water and Wastewater Treatment Technology,
- Ventilation Technology.

✓ **Selected publication:**

[1] N.H. Nguyen, H. Bai, - Effect of washing pH on the properties of titanate nanotubes and its activity for photocatalytic oxidation of NO and NO_2, Appl. Surf. Sci., **355** (2015) 672-680.

[2] H.-Y. Wu, N.H. Nguyen, H. Bai, S.-m. Chang, J.C.S. Wu, - Photocatalytic reduction of CO_2 using molybdenum-doped titanate nanotubes in a MEA solution, RSC Advances, **5** (2015) 63142-63151.

[3] N.H. Nguyen, H.-Y. Wu, H. Bai, - Photocatalytic reduction of NO_2 and CO_2 using molybdenum-doped titania nanotubes, Chem. Eng. J., **269** (2015) 60-66.

[4] N.H. Nguyen, H. Bai, - Photocatalytic removal of NO and NO_2 using titania nanotubes synthesized by hydrothermal method, J. Environ. Sci., **26** (2014) 1180-1187.

[5] D.T. Huong, H.T. Nga, N.T. Giang, N.T.H. Quynh, B.T. Trang, T.T. Nga, N.T.K. Ngan, N.N. Huy, D.V. Thanh, - Adsorption of methylene blue from aqueous solution using KOH-modified waste tea leaves, Journal of Science and Technology, **53** (2015) 228-237.

[6] D.H.T. Son, T.T. Khoi, P.T. Lam, N.N. Huy, N.P. Dan, - Nitrogen and natural organic matter removal using a lab-scale biofilter to minimize chlorine demand for Tan Hiep water treatment plant, Journal of Science and Technology, **53** (2015) 58-65.

[7] D.T. Hung, T.T. Khoi, N.N. Huy, J.Y. Soo, - Partial nitrification of piggery wastewater as pretreatment for anamox process using flat sheet membrane bioreactor, Journal of Science and Technology, **53** (2015) 42-49.

[8] N.N. Huy, N.V. Chien, D.V. Thanh, - Preparation of titania nanotubes and its application for indoor NO_2 removal by photocatalysis, Journal of Science and Technology, **53** (2015) 98-107.

[9] T. Cuong, D.H.Q. Anh, N.P. Dan, T.T. Khoi, P.T. Lam, P.T.N. Tu, N.N. Huy, - Study on the application of potassium permanganate as a cogulation aid and an alternative pre-oxidant to chlorine for iron and manganese removal at Tan Hiep water treatment plant, Journal of Science and Technology, **53** (2015) 66-73.