

## **INFORMATION ON DOCTORAL THESIS**

1. Full name: Cao Van Canh
2. Sex: Male
3. Date of birth: April 16, 1980
4. Place of birth: Quang Ngai province
5. Admission decision number: 4974/QĐ-ĐHQGHN dated December 31, 2013 of President of Vietnam National University, Hanoi about the recognition of a PhD student in 2013.
6. Change in academic process:
  - Decision No. 112/QĐ-ĐHQGHN dated June 16, 2017 of President of Ha Noi National University on allowing extension of the study period to June 30, 2018.
  - Decision No. 1942/QĐ-ĐHQGHN dated December 6, 2018 of President of National University, Ha Noi on allowing the study time to be extended to December 31, 2018.
  - Adjustment in the thesis title according to the Decision of Institution Assessment Council for doctoral thesis on January 5, 2019. The previous title name of thesis was "Building Effective Management Measures For Solid Waste At Some Urban Areas And Industrial Parks in Quang Ngai Province" that was adjusted into “Developing Effective Measures For Industrial Solid Waste Management In Some Metropolitan Areas and Industrial Zone In Quang Ngai Province”.
7. Official thesis title: Developing Effective Measures for Industrial Solid Waste Management in Some Metropolitan Areas and Industrial Zone in Quang Ngai Province.
8. Major: Environment and Sustainable Development.
9. Code: Pilot training program.
10. Supervisors: Associate Professor Ph.D. Tran Yem.
11. Summary of the new findings of the thesis:
  - A model have been proposed for a transfer station and routes for industrial solid waste transportation for 3 industrial zones ( 2 in Dung Quat economic zone ) and VSIP Quang Ngai Industrial park
  - 8 criteria have been Proposed for qualitative evaluating effectiveness of industrial solid waste management of industrial zones; 13 criteria (9 environmental criteria, 04 economic criteria) for selecting sites for construction of waste treatment and these criteria have been applied for tested assessing some industrial facilities, industrial parks and waste treatment complexes in Quang Ngai province.

## 12. Practical applicability:

- The results of research on solid waste management in Quang Ngai province are reliable, meaningful with science and practical value, replicable to other urban areas and industrial parks in Quang Ngai province.

- The set of solid waste management criteria is set out with clear assessment contents and easy to deploy in practice.

## 13. Further research directions:

Organize consultation with relevant agencies and experts to complete the solutions proposed, then piloted several groups of solutions to evaluate effectiveness and put into replication model.

## 14. Thesis- related publications:

- Cao Van Canh (2018), "The Situation Of Industrial Solid Waste Management In The Industrial Areas In Quang Ngai Province ", *Journal of Environment*, Topic No. IV, pp.94-98.

- Cao Van Canh and Tran Yem (2018), "Effective Solutions For Management of Solid Hazardous Waste Industry in Dung Quat Economic Zone, Quang Ngai ", *Journal of Environment*, Topic No. IV, pp.48-52.