

Information on Doctoral thesis of Fellows Can Anh Tuan

1. Full name: Can Anh Tuan
2. Sex: Male
3. Date of birth: June 18th, 1974
4. Place of birth: Hanoi, Vietnam
5. Admission decision number: 2385/SDH, Dated: June 29th, 2007 by President of Vietnam National University, Hanoi.
6. Changes in academic process: None
7. Official thesis title: Researching scientific basis for assessing the levels of air pollution in solving environmental disputes
8. Major: Air Environment
9. Code: 62.85.02.10
10. Supervisors: Assoc.Prof.Dr Hoang Xuan Co
11. Summary of the new findings of the thesis:
 - Setting up the first reckoning process of pollution levels, damages caused by air pollution from industrial manufacturing enterprises for environmental dispute resolution in Vietnam. The process has its own scientific basis, high practicability (easy to apply with low expenses) with experiments at Pha Lai Thermo-electricity Joint-Stock Company and Viet Long Brick Factory.
 - Calculating levels of damages (converted to Vietnamese monetary value) affecting human's health and farm produce (rice), caused by air pollution from Pha Lai Thermo-electricity Joint-Stock Company, Viet Long Brick Factory, under the corresponding cases to different levels of processing dust, harmful gases for environmental dispute resolution for the first time.
12. Practical applicability:

Major results of thesis provide the scientific basis in order to assess levels of pollution and damages caused by air pollution from industrial manufacturing enterprises in environmental dispute resolution in Vietnam. Experimental and reckoning results could help the disputants relating to the disputes of Pha Lai Thermo-electricity Joint-Stock Company and Viet Long Brick Factory easily come at compensation agreements in the process of environmental dispute resolution. The thesis results also provide necessary foundation for the improvement of Vietnam Environmental Protection Laws in order to identify specific regulations on accessing damages caused by air pollution in environmental dispute resolution in Vietnam.

13. Further research directions:

- Researching methods of dispute resolution and compensation for damages caused by air pollution arising from industrial manufacturing enterprises in Vietnam.
- Researching complete Vietnam Environmental Protection Laws in order to identify specific regulations on accessing damages caused by air pollution in environmental dispute resolution in Vietnam.

14. Thesis-related publications:

1. Can Anh Tuan (2006) "Some factors to define compensation and forms of compensation for environmental damage according to the laws on environment in Vietnam", *Journal of Environmental Protection* (3), pp.20-24.
2. Can Anh Tuan, Hoang Xuan Co, Pham Thi Viet Anh, Do Quoc Chan, Hoang Van Tam (2008), "Dispute in the air environment protection field and its manifestation in Vietnam's socio-economic life", *VNU Journal of Science, Natural Sciences and Technology* 24(1S), pp.216-222.
3. Pham Thi Viet Anh, Hoang Xuan Co, Can Anh Tuan (2010), "Study on the application of ISC3 model in assessment of air pollution emitted from industrial sources for Hanoi area", *VNU Journal of Science, Natural Sciences and Technology* 26(5S), pp. 673-677.
4. Pham Thi Thu Ha, Hoang Xuan Co, Can Anh Tuan (2010), "Assessment of acid rain in some areas belonging to the Northern key economic region in Viet nam (Ha Noi, Hai Phong, Hai Duong, Quang Ninh)", *VNU Journal of Science, Natural Sciences and Technology* 26(5S), pp. 710-718.
5. Can Anh Tuan, Hoang Xuan Co, Pham Thi Viet Anh, Pham Thi Thu Ha (2011), "Some issues of air pollution damage and compensation", *Journal of Environmental Protection* (9), pp.48-52.
6. Can Anh Tuan, Hoang Xuan Co (2012), "Legal issues when using air environmental monitoring results at industrial production facilities for environmental dispute resolution", *VNU Journal of Science, Natural Sciences and Technology* 28(2), pp. 135-143.
7. Can Anh Tuan, Hoang Xuan Co (2012), "Resolutions for environmental law disputes in China and experiences applicable to Vietnam", *Jurisprudence Journal* (5), pp.68-76.
8. Can Anh Tuan, Hoang Xuan Co (2012), "Modeling use for estimation of damage cost of air pollution caused by Pha Lai Thermal Power JSD", *VNU Journal of Science, Natural Sciences and Technology* 28(4S), pp. 217-222.
9. Can Anh Tuan, Hoang Xuan Co, Nguyen Thi Hoang Lien (2012), "Potential Uses of Environmental Impact Assessment Report for Environmental Dispute Resolution in Vietnam", *VNU Journal of Science, Natural Sciences and Technology* 28(1), pp.64-73.