

## DINH Quoc Tuc

Date of birth : 15 March 1978, in Long An city, Viet Nam

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### Research and work experience

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Since Dec 2002	<b>Lecturer</b> at faculty of Environment - Hochiminh City University of Technology.
2011-Oct 2011	<b>Teaching Assistant</b> (ATER), Section of Environment and Biodiversity Management at the Practical School of High Studies (EPHE), Sisyphe Research Centre, Pierre and Marie Curie University, Paris, France.
2009-2011	<b>Supervision of trainees</b> (licence, master).
2008-2011	UMR SISYPHE 7619, University Paris VI, PIREN-SEINE Program. Research object : Occurrence and fate of antibiotics in the river Seine basin in Paris area. France.
2006-2008	<b>Training session</b> (2 years), Laboratory Hydrology and Environment (EPHE). Research object : Contamination of oxolinic acid and flumequine in river water and river bed sediment downstream of a pisciculture, Ile-de-France, France.
May-Sept 2006	<b>Training session</b> (4 month), Laboratory of Immunopathology and therapeutical immuno-intervention - INSERM-U681 (UPMC). Dissertation topic "purification of anti-aprotinin from IV-Ig by chromatography device", Paris, France.
2001-2005	<b>Technician</b> in a wastewater treatment plant (Ho Chi Minh City, Viet Nam).

### Education

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2008-2011	<b>Ph.D</b> (Chemistry, Environment and Health), Practical School of High Studies / University Paris VI (Geosciences and natural resources doctoral School). Thesis subject "Origins and fate of antibiotics in the elementary basins of the river Seine catchment".
2006-2008	<b>Master</b> (Environment and Biodiversity Management), Practical School of High Studies, Paris, France.
1997-2001	<b>Bachelor</b> (Biology), Ho Chi Minh University of Science, Ho Chi Minh City, Viet Nam.
1996	<b>Baccalaureate</b> (A-level), Long An City, Viet Nam.

### Expertises and activities

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Langue	Vietnamese: mother langue – French : bilingual - English : good knowledge.
Computer	Microsoft office, internet, ArcGIS.
Distinction	Research grant from the French Ministry of Education (2008-2011) and Scholarship from French-Asia Centre (2006-2008).
Interests	Football (amateur), travelling.

## International publications

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- Quoc Tuc Dinh**, Fabrice Alliot, Elodie Moreau-Guigon, Joëlle Eurin, Marc Chevreuil, Pierre Labadie (2011). Measurement of trace levels of antibiotics in river water using on-line enrichment and triple-quadrupole LC-MS/MS. *Talanta* (Elsevier science), 85(3), 1238-1245.
- Quoc Tuc Dinh**, Fatima Tamtam, Joëlle Eurin, Elodie Moreau-Guigon, Marc Chevreuil, Pierre Labadie. Trace-level determination of oxolinic acid and flumequine in soil, river bed sediment and river water by high performance liquid chromatography with fluorimetric detection. *Journal of Soils and Sediments* (submission).
- Yan Chen, **Quoc Tuc Dinh**, Chevreuil Marc, Garnier Josette, Roose-Amsaleg Celine, Labadie Pierre, Laverman Annie M. Title. Sub inhibitory antibiotic concentrations and effects on denitrification rates: fate of antibiotics in river sediments. *Environmental Science & Technology* (submission).
- Tamtam F, Le Bot B, **Quoc Tuc Dinh**, Mompelat S, Eurin J, Chevreuil M, Bonté P, Mouchel J-M, Ayrault S (2011). A 50-year record of quinolone and sulphonamide antimicrobial agents in Seine River sediments. *Journal of Soils and Sediments*. 11(5), 852–859.
- Fatima Tamtam, Folkert van Oort, Barbara Le Bot, **Quoc Tuc Dinh**, Sophie Mompelat, Marc Chevreuil, Isabelle Lamy, Médard Thiry (2011), Assessing the fate of antibiotic contaminants in metal contaminated soils four years after cessation of long-term waste water irrigation. *Science of The Total Environment* (Elsevier science), 409 (3), 540-547.
- Fatima Tamtam, Fabien Mercier, Barbara Le Bot, Joëlle Eurin, **Quoc Tuc Dinh**, Michel Clément, Marc Chevreuil (2008). Occurrence and fate of antibiotics in the Seine River in various hydrological conditions. *Science of The Total Environment* (Elsevier science), 393 (1), 84-95.

## Other publications

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- Quoc Tuc Dinh**, G. Lavison, P. Labadie, P. Candido, V. Augustin, F. Alliot, E. Moreau-Guigon, M. Blanchard, M. Chevreuil (2010). Contamination du réseau hydrographique de la Seine par les antibiotiques, depuis les têtes de bassin jusqu'à l'axe fluvial. *Rapport PIREN Seine 2009*.
- Quoc Tuc Dinh**, E. Moreau-Guigon, J. Tournebize, P. Labadie, F. Alliot, M. Chevreuil (2010). Contamination en antibiotiques des sols agricoles par les déchets de l'assainissement urbain : évaluation des transferts potentiels vers le réseau hydrographique par le drainage agricole et les processus de ruissellement. *Rapport PIREN Seine 2009*.
- Sophie Ayrault, P. Bonté, M. Roy-Barman, M.-F. Le Cloarec, I. Lefèvre, C. Priadi, L. Carbonaro-Lestel, J. Eurin, F. Tamtam, **Quoc Tuc Dinh**, C. Lorgeoux, S. Jung, B. Tassin, R. Moilleron, B. Le Bot, C. Göpel (2009). Archives sédimentaires, empreinte chimique historique du développement du bassin. *Rapport PIREN Seine 2008*.
- Elodie Moreau-Guigon., Fatima Tamtam., **Quoc Tuc Dinh**., Joelle Eurin., Pierre Labadie., Fabrice Alliot., Marc Chevreuil., Gwenaëlle Lavison, Patrick Candido, Violaine Augustin, Julien Tournebize. (2011) Sources et devenir des médicaments dans le bassin versant de la Seine. *Rapport PIREN Seine 2010*.
- Johnny Gaspéri, Elodie Moreau-Guigon, Pierre Labadie, Martine Blanchard, Marie-Jeanne Teilla, Khawla Tlili, **Quoc Tuc Dinh**, Chau Tran., Fabrice Alliot., Annie Desportes., Catherine Bourges., Marc Chevreuil, Mathieu Cladière., Catherine Lorgeoux., Cécile Miège, Philippe Bados., Marina Coquery, Lucie Oziol., Maya Bimbot., Viviane Huteau., Sara Karolak., Yves Levi. (2011). Contamination de la Seine par les micropolluants organiques : évolution selon les conditions hydriques et l'urbanisation. *Rapport PIREN Seine 2010*.
- Mouchel J.-M., Bentayeb K., Passerat J., Ouattara K., Servais P., Ayrault S., Priadi-Rianti C., Moulin L., Gourlay, C. Uher E., Moreau-Guigon E., Labadie P., Teil M.-J., **Dinh T.**, Tamtam F., Tlili K., Blanchard M., Eurin J., Alliot F., Desportes A., Bourges C., Chevreuil M. (2009) Influence d'un déversement de temps de pluie sur les teneurs dissoutes et particulaires de micropolluants et les bactéries indicatrices fécales en Seine. *Rapport GDR PIREN Seine 2008*, 42p.

Blanchard M., Alliot F., Bourges C., Dargnat C., Desportes A., **Dinh T.**, Eurin J., Labadie P., Le Bot B., Mompelat S., Moreau-Guigon E., Tamtam F., Teil M.-J., Chevreuil M. (2009) Contamination des boues urbaines issues de différentes filières d'épuration. Exemple des phtalates, des polybromodiphényl éthers, des hydrocarbures aromatiques polycycliques et des antibiotiques. *Rapport GDR PIREN Seine* 2008, 13p.

## Symposium

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- Quoc Tuc Dinh**, F. Alliot, J. Eurin, M. Chevreuil, P. Labadie (2011) Apports et devenir des antibiotiques dans un bassin versant élémentaire. *Association Scientifique Européenne pour L'Eau et la Santé, la qualité de l'eau à l'hôpital, 17-18 novembre 2011, Paris.* (Communication orale).
- Quoc Tuc Dinh**, F. Alliot, J. Eurin, M. Chevreuil, P. Labadie (2011). Sources, processus de transfert et comportement environnemental d'antibiotiques en milieu rural. *Sisyphé séminaires, 14 Janvier 2011, Paris.* (Communication orale).
- Quoc Tuc Dinh**, F. Alliot, J. Eurin, M. Chevreuil, P. Labadie (2010). Measurement of trace levels of antibiotics in Environmental Waters using LC-QQQ and online enrichment. *Agilent LCMS/GCMS European Seminar, 9th-11th September, 2009, Portsmouth (United Kingdom).* (Communication orale).
- Quoc Tuc Dinh**, F. Alliot, J. Eurin, M. Chevreuil, P. Labadie (2009). Measurement of trace levels of antibiotics in Environmental Waters using online enrichment and triple-quadrupole LC-MS/MS. *SETAC Europe 20<sup>th</sup> Meeting 23-27 may 2010, Seville, Spain.* (Poster).