

SCIENTIFIC PROFILE

Nguyen Thi Tinh Au

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EDUCATION & QUALIFICATIONS

- 2012-2018 Ph.D in **Institute of Environment and Natural Resources**. Resources and Environment Management.
- 2003-2006 Master in **HCM University of Social Sciences and Humanities**. Natural Resources Preservation, Rational Exploitation and Restoration.
- 1993-1997 Bachelor in **Hue University of Sciences**. Geography Resources and Environment.

ASSIGNMENTS

- 2013 – currently **Vice Dean** of Faculty of Chemical and Food Technology
- 12/2011-10/2013 **Head** of Environmental Technology Department of Faculty of High Quality Training - University of Technical Education.
- 2004-2011 **Lecturer** at Environmental Technology Department of Faculty of Chemical and Food Technology - University of Technical Education.
- 1998-2004 **Vice Manager** at Laboratory Dept. Choongnamvina Textile Company. Nhon Trach Industrial Zone, VietNam

ADDITIONAL QUALIFICATIONS

- 2004 Certificate of College Education. Institute of Educational Managers HCMC
- 2005 Certificate of Education. University of Technical Education HCMC
- 2005 Certificate of Applying GIS for Sustainable Natural Resources Management. Nong Lam University
- 2007 Certificate of Advisor for Cleaner Production. HCMC Environmental Protection Agency
- 2008 Certificate of Development basic E-Learning in Teaching and Learning. University of Technical Education HCMC

- 2008 Certificate of Financial Analysis in Cleaner Production Investment. HCMC Environmental Protection Agency
- 2013 Certificate of SWAT Model in Watershed Management Planning and Evaluation. Bogor Agricultural University, Indonesia.
- 2013 Certificate of Assessment follow ABET Standards.
- 2015 Certificate of MARCO Satellite International Workshop, International SWAT-Asia Conference IV
- 2016 Certificate of Environmental Changes and Human Dimensions by DAAD-Summer School 2016
- 2016 Certificate of ICT Applications in Material Development in SEAMEO regional training center
- 2016 Certificate of ICT Applications in Creating Dynamic Lecture Presentation in SEAMEO regional training center
- 2017 Certificate of The AUN-QA Training course for Accomplishing Programme Assessment 2017.

PUBLISHED SCIENCE RESEARCH

1. **Nguyen Thi Tinh Au**, Nguyen Thi Xuan Hanh, Nguyen Thi Hong, Nguyen Kim Loi. "Multi-objectives optimazing algorithm for agricultural land use allocation". Proceeding of GIS Application workshop 2019, p409-419, ISBN 978-604-60-3104-8.
2. Nguyen Do Ngoc Uyen, **Nguyen Thi Tinh Au**, Nguyen Duy Liem, Nguyen Thi Hong, Nguyen Kim Loi. "Application of hydrological model for assessing the effect of land use change to stream flow in La Nga river basin". Proceeding of GIS Application workshop 2019, p265-274, ISBN 978-604-60-3104-8.
3. **Nguyen Thi Tinh Au**, Ngo An, Nguyen Kim Loi (2018). "Assessment of the effects of climate change on the flow of DakB'la river basin using the SWAT model". Journal of Agricultural Science and Forestry, vol 1, 2018, ISSN 1859-1523.
4. **Nguyen Thi Tinh Au**, Ngo An, Nguyen Kim Loi (2017). "Application of GIS and Universal land-use equation (USLE) to assess soil erosion in Kon Tum province". Journal of Agricultural Science and Forestry, vol 4, 2017, ISSN 1859-1523.
5. **Nguyen Thi Tinh Au**, Nguyen Kim Loi (2016). "Evaluating soil erosion by GIS and Universal Soil Loss Equation in Kon Tum province". Journal of Technical Education Science, HCMUTE, vol 38, p78-85, 12/2016, ISSN 1859-1272.

6. **Nguyen Thi Tinh Au**, Nguyen Kim Loi (2015). “Assessing Land Use and Land Cover Change (LUCC) in ĐakB’la Watershed using GIS”. Proceeding of GIS Application workshop, p395-399. ISBN 978-604-82-161-1.
7. **Nguyen Thi Tinh Au**, Le Thi Thao Trang, Do Xuan Hong, Nguyen Kim Loi (2014). Impact of climate change on water flow of DakB’la river basin, Vietnam. Proceeding of International Symposium on Geoinformatics for Spatial-Infrastructure Development in Earth and Applied Science, p376-384. ISBN 978-604-80-0917-5.
8. **Nguyen Thi Tinh Au**, Nguyen Duy Liem, Nguyen Kim Loi (2014). The impact of land use/ land cover changes on water balance in DakB’la basin, KonTum. Proceeding of GIS Application workshop , p527-537. ISBN 978-604-919-253-1.
9. **Nguyen Thi Tinh Au**, Nguyen Duy Liem, Nguyen Kim Loi (2013). Applying GIS Technique and Swat Model to Assess Water Discharge in ĐakBla Watershed, Journal of Science, Earth science and Environment, Vol 3, p1-13, 2013, ISSN 0866-8612
10. **Nguyen Thi Tinh Au**, Tran Thi Thao Trang, Nguyen Kim Loi (2013). Spatial Decision Support System (SDSS) for Sustainable Natural Resources Management in DakB’la watershed, Vietnam: Applying Linear Programing (LP) and GIS Techniques”. Proceeding of The first DSS Conference: Decision Support System as Collaborative platform towards VIC for Collective management of Agricultural and Natural Resources” in Nakhon Phanom University, Thailand.

PROJECT

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1. Decentralized water treatment by waste – to – product approach using low-cost-high performance adsorbents and ion-exchange. (*Belgium*), 2017-2021.
 2. Research on Web-based Spatial Decision Support Systems (SDSS) in Natural Resource integrated Management to develop socio-economic in Kon Tum province (*Kon Tum province*), 2013-2015
 3. Flood Online support system for the DakB'la river basin, Kon Tum province, (*Kon Tum province*), 2012-2014