



PhD supervisor



PhD Le Thi Kim Thoa

University of Natural Resources and Environment
Ho Chi Minh City, Vietnam

Language(s): English, Vietnamese

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Profession: Deputy Head, Faculty of Marine Resources Management
Ho Chi Minh City University of Natural Resources and Environment,
Ministry of Natural Resources and Environment.

Potential areas for PhD supervision:

- Application of remote sensing and GIS in natural resources and environment management
- Impacts of climate change on livelihoods, socio-economy, and environment in coastal areas and islands. Vulnerability assessment of climate change impacts.
- Climate change and sea level rise
- Small islands
- Economic Geography and Regional Development

Supervising experience:

- 1 PhD students
- 8 MSc students

Employment history in last 5 years:

- 2016 – present: Ho Chi Minh City University of Natural Resources and Environment, Vietnam

Education – since bachelor degree:

- 2008. PhD in Infogeographic, School of Geography. University of Nottingham, UK
- 2000. MSc in Remote sensing and GIS. Centre for Space Science and Technology, Indian Institute of Remote Sensing, Dehra Dun, India.
- 1995. Bachelor of Science - Geography. Department of Geography, General University of Ho Chi Minh City, Vietnam

Selected recent papers:

1. Le Thi Kim Thoa, Bui Thi Ngoc Trieu (2021) Mapping the sea surface temperature in spratly waters using aqua modis satellites. Proceedings of National Marine Science Conference 2021.



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2. Le Thi Kim Thoa, Bui Thi Ngoc Trieu (2021) Monitoring the change of sea surface salinity in the south china sea 2011-2015. International webinar: Socio-ecological resilience across Eurasia: innovation for sustainability transition. Tartu, Estonia, 5-7 October 2021.
3. Le Thi Kim Thoa, Bui Thi Ngoc Trieu (2021) Monitoring sea surface temperature in Truong Sa water from modis aqua satellite. Journal of resource and environment. ISSN 1859-1477. Page 53-55.
4. Le Thi Kim Thoa (2020) Implementation of MARE in Vietnam. International Webinar on Marine Environment: Facilitating Marine Environmental Awareness through Research and Education. Marine Technology Center, School of Civil Engineering and School of Education, Universiti Teknologi Malaysia
5. Huynh Yen Nhi and Le Thi Kim Thoa (2020) Coastline changes detection from Sentinel–1 satellite imagery using spatial fuzzy clustering and interactive thresholding method in Phan Thiet, Binh Thuan. . DOI:10.36335/VNJHM.2020(6).1-10.
6. Y. Noshi , T. Uda, A. Date, L. T. K. Thoa and A. Kobayashi (2019) Beach erosion triggered by spatial imbalance of longshore sand transport in phan thiet, vietnam. Proceedings of the 10th International Conference on Asian and Pacific Coasts (APAC 2019) Hanoi, Vietnam, September 25-28, 2019.
7. Huynh yen Nhi, Le Thi Kim Thoa (2019) Shoreline extraction using sentinel 1A Satelite imagery in Phan Thiet city. Proceedings of the 5th International Conference on Marine Estuarine and shelf study (ECSS 2019), Hanoi, Vietnam, September 25, 2019.
8. Le Thi Kim Thoa (2018), Building scientific basis for the term of "positioning resources" and proposing methodology for identifying and evaluating the position's value of Vietnam coastal island systems. Journal of Marine Sciences and Technology.
9. Le Thi Kim Thoa, Tran Thi Kim (2017), An overview the erosion and deposition research results in Vietnam coastal zone. Proceedings of the third International Conference on estuarine coastal and shelf studies – ECSS 2017, pp. 329- 345, ISBN: 978 – 604 – 73 – 5521 - 1.
10. Nguyen Ky Phung, Nguyen Thi Bay, Le Thi Kim Thoa (2017), Estuarine Coastal and Shelf Studies – ECSS 2017, Monograph Editors, ISBN: 978–604–73–5521-1. Vietnam National Univerisity Press.
11. Le Thi Kim Thoa (2016), Some solutions for the sustainable economic development of Vietnamese islands in the context of climate change. Journal of Marine Sciences and Technology.

