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## 1. ACADEMIC PROFILE

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**NGUYEN Tan Phong** MAppSc, Ph.D. (JCU - Australia) has been involved in managing natural resources in various environments including terrestrial areas, wetlands, coastal areas, and islands in developing countries of Asia since 1997.

### *Current major research interests*

1. Sustainable management of natural resources and environment.
2. Ecological engineering solutions.
3. Policy advocacy and analysis.

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## 2. HONOURS

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1. Assistant Professor, Ton Duc Thang University, Vietnam (2019)
2. Endeavour Postdoctoral research & Scholarship (2018 – 2019)
3. Outstanding Research Fellow by Kien Giang University (2016 – 2017)
4. James Cook University on-time Ph.D. Completion Scholarship (2016)
5. James Cook University Graduate Research Tuition Scholarship (2013-2016)
6. James Cook University Graduate Research Scholarship (2013-2016)
7. James Cook University Academic Medal (2013)
8. Golden Key International Honour Society (2012)
9. Australian Development Scholarship (2011-2012)

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## 3. PROFESSIONAL AFFILIATIONS

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1. Member of Centre of Tropical Environmental & Sustainability Sciences, James Cook University, Australia
2. Technical Advisor, Indonesian Rainforest Foundation
3. Founder and Chief Executive Officer, Coasts and People Organization

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## 4. EDUCATION AND ACADEMIC TITLES

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1. **PhD** in Environment Science and Management - James Cook University, Australia (2013 – 2016). PhD Thesis Title: *Managing Mangrove Dominated Muddy Coasts through Integration of Local and Scientific Knowledge in Kien Giang, Vietnam and Brebes Regency, Indonesia*
2. **Master of Applied Science (First class Honours)** in Natural Resources Management / Protected Area Management - James Cook University, Australia (2011 – 2012). Master Thesis Title: *Mangrove Restoration and Erosion Control for Climate Change Adaptation and Mitigation on the Mekong Delta, Vietnam.*
3. **Bachelor of Science** in English Linguistics and Literature - Faculty of English Linguistics and Literature, College of Social Sciences and Humanities of Ho Chi Minh City, Vietnam (1993–1997)

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## 5. RESEARCH PROJECTS

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1. **Project:** Establishment of Intertidal Mudflats as an Ecological Engineering Solution to Erosion in Dong Hung A, An Minh district, Kien Giang, Vietnam (01/ 2022 – 12/ 2024), funded by Ministry of Education and Training, Vietnam - Position: Project Technical Advisor.
2. **Project:** Pilot Establishment of an Intertidal Mudflat as an Ecological Solution to Control Erosion in An Minh district, Kien Giang, Vietnam (01 - 12/2021), Aus4Skills Program, Australian Embassy to Vietnam - Position: Project Manager.
3. **Project:** Investigating Effects of Mangrove Forests on Coastal Stabilization and Sea Dykes in Kien Giang and Ca Mau Provinces, the Vietnamese Mekong Delta (03 / 2020 – 12/ 2022) - Ministry of Education and Training, Vietnam - Position: Project technical staff.
4. **Project:** Investigating the Relationship between Coastal Erosion and Human Activities in the Mekong Delta of Vietnam (01 / 2018 – 12 / 2020) - Aus4Skills Program, Australian Embassy to Vietnam - Position: Project Manager.
5. **Project:** Strategically Assessing the Sustainability of Tourism Development on Phu Quoc Island, Kien Giang province, Vietnam Using Land and Water Indicators, funded by Australian Embassy to Vietnam (01 – 12 / 2017), funded by Aus4Skills Program, Australian Embassy to Vietnam - Position: Project Manager.
6. **Project:** Mangrove Allocation for Coastal Protection and Livelihood Improvement in Kien Giang, Vietnam (2015 - 2016), funded by James Cook University, Australia - Position: Project Manager.
7. **Project:** Mangrove Degradation and Coastal Erosion in Kien Giang Province, Vietnam (2014 - 2015), funded by James Cook University, Australia - Position: Project Manager.
8. **Project:** Mangrove Degradation and Coastal Erosion in Brebes Regency, Indonesia (2013 - 2014), funded by James Cook University, Australia - Position: Project Manager.

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## 6. EMPLOYMENT HISTORY

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**James Cook University, Australia** (01/6/2022 – 31/05/2025)

- Position: **Adjunct Lecturer.**
- Main responsibilities and tasks: Undertaking collaborative research, co-supervision.

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**James Cook University, Australia** (7/2019 – 6/2022)

- Position: **Adjunct Lecturer.**
- Main responsibilities and tasks: Undertaking collaborative research, co-supervision.

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**James Cook University, Australia** (10/2018-07/2019).

- Position: **Visiting Academic Researcher / Postdoctoral Research Fellow.**
  - Main responsibilities and tasks: Undertaking research, delivering lectures, and providing tutorials.
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**Ton Duc Thang University, Vietnam** (10 / 2017 to date).

•Position: **Research Fellow – Assistant Professor.**

•Main responsibilities and tasks: Delivering lectures and undertaking research.

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**Kien Giang University, Vietnam** (12 / 2016 – 10 / 2017).

•Position: **Senior Lecturer.**

•Main responsibilities and tasks: Delivering lectures and undertaking research.

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**Federal Ministry of Environment, Water, Heritage, and the Arts, Australia** (05 / 2013 – 07 / 2016) - Project: Torres Strait Climate Change.

•Position: **Casual Research Worker.**

•Main responsibilities and tasks: Undertaking data analysis and backup of research data.

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**GTZ** - Project: Integrated Conservation and Development of Kien Giang Biosphere Reserve (10 / 2008 – 05 / 2011).

•Position: **Technical Staff.**

•Main responsibilities and tasks: Developing mangrove rehabilitation and restoration and preparing provincial natural resource management plans in adaptation to climate change in Kien Giang Province.

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**UNDP Vietnam** - Project: Coastal and Marine Biodiversity Conservation and Sustainable Use in Con Dao Islands (06 / 2006 – 09 / 2008).

•Position: **Project Manager.**

•Main responsibilities and tasks: Exercising overall project management and providing technical inputs to Tourism Development Plans in Con Dao islands, Con Dao National Park Management Plan and Con Dao Marine Protected Area Management Plan.

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**CARE International in Vietnam** - Project: Sustainable Livelihoods and Wise Use of Wetland Resources in Tram Chim National Park and Lang Sen Wetland Reserve (06 / 2005 – 05 / 2006).

•Position: **Project Manager.**

•Main responsibilities and tasks: Exercising overall project management, providing technical inputs to Tram Chim National Park Management Plan, Lang Sen Wetland Reserve Management Plan, and consulting and facilitating co-management through resource use group's establishment in Tram Chim National Park and Lang Sen Wetland Reserve.

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**IUCN Vietnam** - Project: Hon Mun Marine Protected Area Pilot (05 / 2004 – 05 / 2005).

•Position: **Project Coordinator**.

•Main responsibilities and tasks: Coordinating marine-based field work, facilitating livelihood programs, and developing environment awareness and training activities.

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**WWF Indochina** - Project: Cat Tien National Park Conservation (07 / 1998 – 05 / 2004).

•Position: **Administrator / Interpreter**.

•Main responsibilities and tasks: Providing translation and interpretation services and facilitating the development of commune action plans and resettlement plans for communities living inside and around Cat Tien National Park.

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**WWF Indochina** - Project: Cat Tien National Park English Training (12 / 1997 – 06 / 1998).

•Position: **English Instructor**.

•Main responsibilities and tasks: Delivering English teaching classes for staff of Cat Tien National Park.

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## **7. SHORT TERM CONSULTANCY**

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**Consultancy:** Identifying and designing a project: Coastal Wetland Ecosystems Conservation and Management in the Red River Delta, Vietnam. Client: KFW Development Bank (2015).

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**Consultancy:** Developing Strategies for Managing Eroding Coastal Areas of Ben Tre Province, Vietnam. Client: IUCN Vietnam (2015)

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**Consultancy:** Developing Sustainable Coastal Management of Coastal Areas in Ben Tre Province, Vietnam. Client: IUCN Vietnam (2014)

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**Consultancy:** Improving Mangrove Restoration and Rehabilitation in Brebes Regency, Indonesia. Client: Department of Planning and Statistics of Brebes Regency, Indonesia (2013-2014)

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## **8. REFEREED PUBLICATIONS**

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1. **Nguyen, T.P.,** Loi, L.T. (2023). Extent of reference to science and the efficacy of coastal management policies: Insights from the Vietnamese Mekong Delta. *Journal of Coastal Conservation*, 27, 55.

2. **Nguyen, T.P.,** Nuong, T.C. (2023). Thinning and selective harvesting and mangrove protection forests: Lessons learned and recommendations from the Vietnamese Mekong Delta. *Estuarine, Coastal and Shelf Science*, 288, 108345.

3. **Nguyen, T.P.,** Nuong, T.C., Quang, N.H. (2023). Local Perceptions of Mangrove

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Protection and Livelihood Improvement in Co-management: Lessons Learnt and Recommendations. *Ocean & Coastal Management*, 237, 106530.

4. Nguyen, T.T. & **Nguyen, T.P.** (2023). Marine Plastic Litter in Phu Quoc Marine Protected Area, Vietnam: Current Status and Mitigation Approaches. *Journal of the Polish Mineral Engineering Society*, 2, 107 – 113.

5. **Nguyen, T.P.** (2022). Offshore structures, sea mud accumulation and mangrove regeneration: Insights from the Vietnamese Mekong Delta, Vietnam. *Ocean & Coastal Management*, 225, 106243.

6. **Nguyen, T.P.**, Quang, N.H., Sang, T.V. (2022). Shoreline Change and Community-based Climate Change Adaptation: Lessons Learnt from Brebes Regency, Indonesia. *Ocean & Coastal Management*, 218, 106037.

7. Hue, V.D., Ai, T.T.X., Linh, L.T.V., Thanh, T.V., Nhat, T.P., **Nguyen, T.P.**, Gagnon, A.S., Bao, P.Q., Duong, T.A. (2022). Zoning the suitability of the western Mekong Delta for paddy rice cultivation and aquaculture under current and future environmental conditions. *Environmental Monitoring and Assessment*, 194 (Suppl 2), 767.

8. Tai, V.T., Li, Q., Rene, E.R., Behera, S.K., Maleki, A., Da, C.T., **Nguyen T.P.** (2021). Immobilization of Microorganisms in Activated Zeolite Beads and Alkaline Pretreated Straws for Ammonium-Nitrogen Removal from Urban River Water. *Water Science and Technology*, 85 (1), 63 – 67.

9. **Nguyen, T.P.** & Luom, T.T. (2021). Configuration of Allocated Mangrove Areas and Protection of Mangrove-Dominated Muddy Coasts: Knowledge Gaps and Recommendations. *Sustainability*, 13(11), 6258.

10. Luom, T.T. **Nguyen, T.P.** Anh, N.T., Tung, N.T., Tu, L.X. (2021). Using Fine-Grained Sediment and Wave Attenuation as a New Measure for Evaluating the Efficacy of Offshore Breakwaters in Stabilizing an Eroded Muddy Coast: Insights from Ca Mau, The Mekong Delta of Vietnam. *Sustainability*, 13(9), 4798.

11. Tai, T.V., Rene, E.R., Behera, S.K., **Nguyen, T.P.**, Thi Da. C. (2021). Vertical Green Walls for Noise and Temperature Reduction: An Experimental Investigation. *Science and Technology for the Built Environment*, 1-20.

12. **Nguyen, T.P.** & Tien, H.V. (2021). Water Resource Management and Island Tourism Development: Insights from Phu Quoc, Kien Giang, Vietnam. *Environment, Development and sustainability*, 23, 17835 – 17856.

13. Luom, T.T., **Nguyen, T.P.**, Smithers, S. Tai, T.V. (2021). Protected Mangrove Forests and Aquaculture Development for livelihoods. *Ocean & Coastal Management*, 205, 105553.

14. Tien, H.V., Anh, N.T., **Nguyen, T.P.**, Nhut, M.L.M. (2021). Ecological Engineering and Restoration of Eroded Muddy Coasts in South East Asia: Knowledge Gaps and Recommendations. *Sustainability*, 13, 1248.

15. Luom, T.T. & **Nguyen, T.P.** (2020) Current Management of Allocated Mangroves for Livelihood Improvement in the Mekong Delta, Vietnam: Knowledge Gaps and a Potential Model for Future Management. *Journal of Sustainable Forestry*, 40(1), 68 – 82.

16. Tai, V.T., Rene, E.R., Binh, T.N., Behera, S.K., **Nguyen, T.P.** (2020). Mangroves diversity and erosion mitigation performance in a low salinity soil area: case study of Vinh City, Vietnam. *Wetlands Ecology and Management*, 28, 163–176.

17. Huynh, V.T. & **Nguyen, T.P.** (2019). Marine algal species and their distribution in Phu Quoc marine protected area. *Data in Brief*, 25, 104200.

18. Huynh, V.T. & **Nguyen, T.P.** (2019). Marine Algal Species and Marine Protected Area

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Management: A Case Study in Phu Quoc, Kien Giang, Vietnam. *Ocean & Coastal Management*, 178, 104816.

19. **Nguyen, T.P.** & Parnell, K.E. (2019). Coastal Land Use Planning in Ben Tre: constraints and Recommendations. *Heliyon*, 5(4), 1 – 21.

20. **Nguyen, T.P.** (2018). Melaleuca Entrapping Microsites as a Nature Based Solution to Coastal Erosion: A Pilot Study in Kien Giang, Vietnam. *Ocean & Coastal Management*, 155, 98 – 103.

21. **Nguyen, T.P.**, Cottrell, A, Parnell, K.E. (2017). Human Activities and Coastal Erosion on the Kien Giang Coast, Vietnam. *Journal of Coastal Conservation*, 21 (6), 967 – 979.

22. **Nguyen, T.P.**, Luom, T.T., Parnell, K.E. (2017). Mangrove transplantation in Brebes Regency, Indonesia: Lessons and Recommendations. *Ocean & Coastal Management*, 149, 12 – 21.

23. **Nguyen, T.P.** & Parnell, K.E. (2017). Gradual expansion of mangrove areas as an ecological solution for stabilizing a severely eroded mangrove dominated muddy coast. *Ecological Engineering*, 107, 239 – 243.

24. **Nguyen, T.P.**, Luom, T.T., Parnell, K.E. (2017). Developing a Framework for Integrating Local and Scientific Knowledge in Internationally Funded Environment Management Projects: Case studies from Kien Giang Province, Vietnam. *Local Environment*, 22(11), 1298 - 1310.

25. **Nguyen, T.P.**, Luom, T.T., Parnell, K.E. (2017). Mangrove allocation for coastal protection and livelihood improvement in Kien Giang province, Vietnam: Constraints and recommendations. *Land Use Policy*, 63, 401 – 407.

26. **Nguyen, T.P.**, Luom, T.T., Parnell, K.E. (2017). Existing Strategies for managing mangrove dominated muddy coasts: Knowledge gaps and recommendations. *Ocean & Coastal Management*, 138, 93 - 100.

27. **Nguyen, T.P.**, Tong, V.A., Quoi, L.P., Parnell, K.E. (2016). Mangrove Restoration: Establishment of a Mangrove Nursery on Acid Sulphate Soils. *Journal of Tropical Forest Science*, 28(3), 275 – 284.

28. **Nguyen, T.P.**, Tam, N.V., Quoi, L.P., Parnell, K.E. (2016). Community Perspectives on an Internationally Funded Mangrove Restoration Project: Kien Giang Province, Vietnam. *Ocean & Coastal Management*, 119, 146 – 154.

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## 9. VIETNAMESE REFEREED PUBLICATIONS

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1. **Nguyen Bao Thuan, Cu Thi Nuong, Nguyen, T.P.** (2023). Calculation of the vegetation cover of the mangrove protection forest of Kien Giang, Vietnam. *Forests and Environment*, 117, 66 - 70.

2. **Nguyen Bao Thuan & Nguyen, T.P.** (2023). Shoreline change in Tien Giang province, Vietnam. *Forests and Environment*, 117, 60 - 65.

3. **Nuong, T.C & Nguyen, T.P.** (2023). Shoreline change in Kien Giang, Vietnam. *Forests and Environment*, 115-116, 92-98.

4. **Nuong, T.C & Nguyen, T.P.** (2023). The relationship between allocated mangrove forests for aquaculture development and shoreline change in Kien Giang. *Forests and Environment*, 115-116, 98 - 103.

5. **Nguyen T.P.**, Huynh, V.T., Ngon, T.T. (2019). Red Seaweed of Laurencia Genus (Rhodophyta) In Phu Quoc, Kien Giang, Vietnam: Distribution and Species Identification. *Science and Technology Journal of Agriculture & Rural Development*, 2(7), 127 -134.

6. **Nguyen, T.P. & Huynh, V.T.** (2019). Distribution and identification of sargassum

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species (Phaeophyta) in Phu Quoc Island, Kien Giang, Vietnam. *Can Tho University Journal of Science*, 55 (5B), 57 – 66.

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#### **10. TECHNICAL REPORTS / REFERENCE BOOKS**

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1. **Nguyen, T.P.** (2014). *Towards Sustainable Coastal Mangrove Protection and Management in Ben Tre, Vietnam*. Gland, Switzerland: IUCN.

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#### **11. LANGUAGES**

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1. Vietnamese: Fluent (mother tongue).
  2. English: High level of proficiency – writing, speaking, listening, and reading.
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#### **12. CERTIFICATION OF ACCURACY**

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I certify that, to the best of my knowledge and belief, this CV correctly describes my qualifications, my experience and myself.

Prepared and signed by

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NGUYEN Tan Phong