**TRANG TRAN**

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| **POSITION** | Research Fellow |
| **AFFILIATION** | Centre of Policy Studies  Victoria University  300 Queen Street, Melbourne 3000, Australia  Tel: +61 399191830  Email: [Trang.Tran1@vu.edu.au](mailto:Trang.Tran1@vu.edu.au) |
| **EDUCATION** | **University of New England**, Australia  Ph.D., Economics (April 2017)  Thesis: A CGE Analysis of Distributional and Welfare Effects of Australia’s Carbon Emissions Reduction Strategies  **University of National Economics**, Vietnam  Master, Economic Development (May 2008)  Thesis: Employment solution for rural labor in the process of urbanization in Ha Tay Province  **Institute for International Relations,** Vietnam  Bachelor, International Economic Relations (November 2002)  **Hanoi National University for Education**, Vietnam  The High School for Gifted Students (May 1998) |
| **WORK EXPERIENCE** | * Lecturer at the Academy of Journalism and Communication in Vietnam from 2003 to 2022. * Postdoctoral Fellow at Commonwealth Scientific and Industrial Research Organization (CSIRO) in Australia from March 2022 to March 2025. * Research Fellow at Centre of Policy Studies, Victoria University from June 2025. |
| **MODELLING COURSES** | * 2023 Short Course in Dynamic Global Trade Analysis provided by Center for Global Trade Analysis (GTAP) at Purdue University, USA. * An online course in Advanced CGE in GTAP & GAMS provided by Research Hub in 2024. |
| **SKILLS** | * GEMPACK software and its programs * Experience with ORANI-G model (Australian national CGE model) * Experience with GTAP v7, GTAP-E, GTAP-AEZ model (global CGE model) * Experience with the Australian statistics system * Construct a Social Accounting Matrix for Australia with disaggregation of household groups, occupational groups, and sub-energy sectors. * Experience with GTAP database and GTAP LULC database. * Work with a dynamic CGE model - Global Trade Environment Model (GTEM); GTEM-Food. * Develop the GTEM-AEZ model by incorporating the Agroecological Zones (AEZ) into the GTEM model. * Construct the data routine to generate the database for the GTEM-AEZ model from the GTAP AEZ database. * Have R programming skills. * GAMS software and GLOBIOM model. |
| **RESEARCH EXPERIENCE** | Commonwealth Scientific and Industrial Research Organization (CSIRO)  Postdoctoral Fellowship within CSIRO Winanga-y in Economist and Foresight Modelling, between 14th March 2022 and 14th March 2025.  University of New England, School of Business  Australian Research Council Linkage Project, entitled “Adaption to Carbon-tax-induced changes in energy demand in rural and regional Australia”.  Position: Project member (Ph.D student)  Duration: February 2013 – September 2016 |
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| **TEACHING COVER** | Development Economics, Public Economics, International Economics, and Environmental Economics. |
| **RESEARCH COVER** | Computable general equilibrium modelling, Trade policies, Energy economics, Climate Change Mitigation, Agriculture, Land use, and Land-use change. |
| **AWARDS** | *The UNE Vietnam International Education Scholarship*, 2012-2016  *Keith and Dorothy Mackay Postgraduate Travelling Scholarship*, March 2015 |
| **PAPERS PRESENTED AT CONFERENCES** | 1. Tran, T., Meng, S., Siriwardana, M., McNeill, J., & Nong, D. “The distributional and welfare effects of the Australian emissions trading scheme” (The 18th Annual Conference on Global Economic Analysis, 17-19 June 2015, Melbourne, Australia). 2. Tran, T, “The distributional and Welfare Effects of the Emissions Trading Scheme on Australian households” pages 639-654 (The 5th Asian Conference on Energy, Sustainability and the Environment, Kobe, Japan 2015) 3. McNeill, J., Siriwardana, M., Meng, S., Nong, D. and Tran, T. “A critical review of the economic modelling on the impacts of the Australian carbon tax” (The 18th Annual Conference on Global Economic Analysis, 17-19 Jun 2015, Melbourne, Australia). 4. Nong, D., Meng, S., Siriwardana, M., McNeill, J., Tran, T. “A Micro Environmental Social Accounting Matrix (E-SAM) for Australia” (The 18th Annual Conference on Global Economic Analysis, 17-19 June 2015, Melbourne, Australia). 5. Tran, T et al., “Development of a Global Economic-Land Use Model (GTEM-AEZ) for Analysis of Climate Change Impact and Agricultural Productivity.” at the 26th Annual Conference on Global Economic Analysis 14-16 June 2023 in Bordeaux, France. 6. Lu, Y., Marcos-Martinez, R., Hadjikakou, M., Nong, D., Tran, T., Verikios, G. “The implications of a global dietary shift on Australia’s economic and environmental sustainability: a model-based general equilibrium analysis” (The 27th Annual Conference on Global Economic Analysis 5-7, June 2024, Colorado, United States) 7. Tran, T et al., “Implication of Net Zero Emissions on Agroecological Zones Land Use in Australia: A Multi-Region General Equilibrium Modelling Assessment” at the 69th Annual Conference of the Australian Agricultural and Resource Economics Society, 11-14 February 2025. 8. Tran, T, “Assessing domestic to global multi-sector impacts of land-based emission reduction policies” in Special Session 9B – On the Economics of Pathways to Sustainable Agricultural and Land Systems at the 69th Annual Conference of the Australian Agricultural and Resource Economics Society, 11-14 February 2025. |
| **PUBLICATIONS** | Tran, M. T., Siriwardana, M, Meng, S. & Nong, D. (2019). Impact of an emissions trading scheme on Australian households: a computable general equilibrium analysis. *Journal of Cleaner Production*, *221*, 439-456. (Impact factor: 9.3)  Tran, T., Nong, D., Verikios, G., Marcos-Martinez, R., Lu, Y., & Schandl, H. (2025). Newly Updated Nationally Determined Contributions: Implications for the Global Energy Transition. *Economic Analysis and Policy, Volume 85, Pages 1816-1829.* |