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## Education

- 2000 DOCTOR OF PHILOSOPHY (ECONOMICS), INTERNATIONAL FINANCE AND MONETARY ECONOMICS, CLAREMONT GRADUATE UNIVERSITY, UNITED STATES
- 1995 MASTER OF ARTS (ECONOMICS), PUBLIC FINANCE AND TAXATION, MICHIGAN STATE UNIVERSITY, UNITED STATES
- 1991 BACHELOR OF SCIENCE (FIRST CLASS HONORS), ECONOMICS, KASETSART UNIVERSITY, THAILAND

## Publications

### Peer-Reviewed Journal Articles

- "A simple method for measuring inequality", Palgrave Communications, 6(112) Jun. 2020, (Sitthiyot, T., Holasut, K.).
- "A scaling perspective on the distribution of executive compensation", Physica A: Statistical Mechanics and its Applications, 543(123556) Apr. 2020, (Sitthiyot, T., Budsaratragoon, P., Holasut, K.).
- "An alternative method to test scale invariance", MethodsX, 7(100875) Mar. 2020, (Sitthiyot, T., Budsaratragoon, P., Holasut, K.).
- "On the Rank-Size Distribution of Local Government Debt", Thailand and the World Economy, 37(3) : 48-64, Aug. 2019, (Sitthiyot, T.).
- "Evolution of Cooperation in Prisoner's Dilemma Games (in Thai)", Journal of Social Sciences, 49(2) : 131-148, Jul. 2019, (Sitthiyot, T.).
- "The Truth about Thailand's Transport Infrastructure Development and Financing", Nomura Journal of Asian Capital Markets, 1(2) : 38-43, Apr. 2017, (Sitthiyot, T.).
- "On Income Inequality and Population Size", Thammasat Review of Economic and Social Policy, 2(2) : 24-48, Dec. 2016, (Holasut, K., Sitthiyot, T.).
- "Macroeconomic and Financial Management in an Uncertain World: What Can We Learn from Complexity Science?", Thammasat Economic Journal, 33(3) : 1-34, Dec. 2015, (Sitthiyot, T.).
- "Local Government Debt Issuance and Outstanding: Implications for Fiscal Sustainability (in Thai)", Thammasat Economic Journal, 33(1) : 1-23, Apr. 2015, (Sitthiyot, T., Likitragolwong, T., Samrej, P., Wannasuksai, S.).

## Publications

- "Testing Rationality Assumptions in Economic Theory: Evidence from Closed Experiment (in Thai)", Thammasat Economic Journal, 32(3) : 1-30, Dec. 2014, (Sitthiyot, T.).
- "Debt of Agencies under State Supervision in Thailand: Risk and Uncertainty of Contingent Liabilities", Thammasat Economic Journal, 31(1) : 23-59, Mar. 2013, (Sitthiyot, T.).
- "When Does Inflation Hurt Economic Growth?: Different Nonlinearities for Different Economies", Journal of Macroeconomics, 26(3) : 519-532, 2004, (Burdekin, R.C.K., Denzau, A.T., Keil, M.W., Sitthiyot, T., Willett, T.D.).

## Non Peer-Reviewed Journals and Articles

- "Drawbacks of Knowledge in Modern Finance: Implications for Uncertainty Management (in Thai)", Finance and Fiscal Journal 28 : 49-53, 2016, (Sitthiyot, T.).
- "Measuring and Managing Risk within a Sovereign Framework: Time to Abandon Old Thinking", Finance and Fiscal Journal 26 : 72-76, 2014, (Sitthiyot, T.).
- "The Conduct of Fiscal and Monetary Policy: Views from Complexity Science (in Thai)", Finance and Fiscal Journal 25 : 38-44, 2013, (Sitthiyot, T.).
- "Value Creation Economy: An Alternative Solution for Thai Economic Survival in the 21<sup>st</sup> Century (in Thai)", Chulalongkorn Review 23 : 5-8, 2010, (Sitthiyot, T.).
- "Fiscal Sustainability Framework: Good in Theory and Good in Practice? (in Thai)", Chulalongkorn Review 23 : 5-9, 2009, (Sitthiyot, T.).

## Research Grants

- "Enhancing Capabilities of Local Revenue Administration in Thailand (in Thai)", Jun. 2019-Oct. 2020, (Krueathep, W., Sitthiyot, T., Laovakul, D, Chintakovid, T., Rochananonda, C., Chuayprakong, P.).
- "Rank-Size Distribution of Local Government Debt: Implications for Improving Local Government Borrowing Regulation (in Thai)", Aug. 2017-Aug. 2018, (Sitthiyot, T.).
- "Cost-Benefit Analysis of Populist Policy: Case Study of Living Cost Reduction Scheme for Free Bus Service (in Thai)", Oct. 2016-Sep. 2017, (Public Debt Management Office, Ministry of Finance, Thailand).
- "Cost-Benefit Analysis of Local Government's Borrowing Laws: Implications for Fiscal Autonomy and Accountability (in Thai)", Sep. 2015-Sep. 2016, (Sitthiyot, T., Bumrungsri, P., Likitragolwong, T., Pakpong, P., Samrej, P.).
- "Measures to Promote Revenue Autonomy of Local Government: Selected Case Studies from Local Administrations Located in Special Economic Zone (in Thai)", Sep. 2014-Sep. 2015, (Sitthiyot, T., Jaidee, O., Likitragolwong, T., Samrej, P., Wannasuksai, S.).

## Publications

### Working Papers

- "A method for evaluating skill in deterministic prediction of binary events", (Sitthiyot, T., Holasut, K.).
- "A method for measuring fair income distribution", (Sitthiyot, T., Holasut, K.).
- "A simple method for estimating the Lorenz curve", (Sitthiyot, T., Holasut, K.).
- "On the evaluation of an alternative single parameter functional form for Lorenz curve", (Sitthiyot, T., Holasut, K.).
- "On joint evaluation of skill in directional forecasts of multiple variables", (Sitthiyot, T., Holasut, K.).
- "An alternative functional form for the Lorenz curve with closed-form expression for the Gini index", (Sitthiyot, T., Holasut, K.).

### Work-In-Progress

- "A functional form for universal Lorenz curve", (Sitthiyot, T., Holasut, K.).

### Funded Research Reports

- "Enhancing Groundwater Knowledge and Developing Network for Sustainable Groundwater Management in Case of Lower Chao Phraya Groundwater Basin (in Thai)", Department of Groundwater Resources, Ministry of Natural Resources and Environment, Jul. 2017-Jul. 2018.
- "Feasibility Study of Municipal Wastewater Treatment around Lam Pao Dam for Use as Cooling Water in Nuclear Power Plants, Phase 1 (in Thai)", Electricity Generating Authority of Thailand, Sep. 2016-Jul. 2017.

## Book

### Book Chapters

- "Game Theory and Environmental Management (in Thai)", เรื่องสิ่งแวดล้อม เรื่องของเรา, ส.ส.น. สมาคมส่งเสริมเทคโนโลยี (ไทย-ญี่ปุ่น), 2019, (Sitthiyot, T.).