

# Publications of Tapio Palokangas

by the Classification of the Research Council of Finland

November 24, 2023

## *A. Peer-reviewed scientific articles*

1. Optimal Factor Taxation with Credibility. In: *Impact of Scientific Computing on Science and Society*. Edited by P. Neittaanmäki and M.-L. Rantalainen. Springer Verlag 2023.
2. (co-authored with U. Lehmijoki) Optimal Population Policy with Health Care and Lethal Pollution. *Portuguese Economic Journal* **22** (2023) : 31–47.
3. Optimal Taxation with Endogenous Population Growth and the Risk of Environmental Disaster. In: *Dynamic Economic Problems with Regime Switches*. Series “Dynamic Modeling and Econometrics in Economics and Finance” No. 25. Edited by J. Haunschmied, R. Kovacevic, W. Semmler and V.M. Veliov. Springer Nature Switzerland AG 2021.
4. Public Policy, Footloose Capital and Union Influence. *Review of International Economics* **28** (2020): 976-991.
5. Emission Permit Trading with a Self-Interested Regulator. *Environmental Economics and Policy Studies* **21** (2019): 183-196.
6. Optimal Taxation with Endogenous Fertility and Health-Damaging Emissions. *IFAC PapersOnLine* **51/32** (2018): 413-426.
7. Regulation versus Subsidies in Conservation with a Self-Interested Policy Maker. *Environmental Economics and Policy Studies* **19** (2016): 183-196.
8. (co-authored with U. Lehmijoki) Land Reforms and Population Growth. *Portuguese Economic Journal* **15** (2016): 1-15.
9. Optimal Capital Taxation, Labor Unions, and the Hold-Up Problem. *Labour: Review of Labour Economics and Industrial Relations*. **28** (2014): 359-375.

10. (co-authored with U. Lehmijoki) Landowning, Status and Population Growth. Pages 315-328 in:  
*Dynamic Optimization in Environmental Economics*.  
 Edited by E. Moser, W. Semmler, G. Tragler and V.M. Veliov.  
 Heidelberg: Springer Verlag 2014.
11. One-Parameter GHG Emission Policy with R&D-based Growth. Pages 111-126 in:  
*Dynamic Optimization in Environmental Economics*.  
 Edited by E. Moser, W. Semmler, G. Tragler and V.M. Veliov.  
 Heidelberg: Springer Verlag 2014.
12. International Biodiversity Management with Technical Change. Pages 69-85 in:  
*Green Growth and Sustainable Development*.  
 Edited by J. Crespo Cuaresma, T. Palokangas and A. Tarasyev.  
 Heidelberg: Springer Verlag 2013.
13. Optimal Patent Length and Breadth in an Economy with Creative Destruction and Non-Diversifiable Risk. *Journal of Economics* **102** (2011): 1-27.
14. (co-authored with S. Aseev, K. Besov and S.-E. Ollus) Optimal Growth in a Two-Sector Economy Facing an Expected Random Shock. *Trudy Inst. Mat. i Mekh. UrO RAN* **17** (2011): 271-299.
15. (co-authored with U. Lehmijoki) Trade, Population Growth, and the Environment in Developing Countries. *Journal of Population Economics* **23** (2010): 1351-1370.
16. Economic Growth with Political Lobbying and Wage Bargaining. In:  
*IFAC Papers on Control Applications of Optimization* **7** (2010),  
<http://www.ifac-papersonline.net/Detailed/41882.html>
17. International Emission Policy with Lobbying and Technological Change. Pages 161-182 in:  
*Dynamic Systems, Economic Growth, and the Environment*.  
 Edited by J. Crespo Cuaresma, T. Palokangas and A. Tarasyev.  
 Heidelberg: Springer Verlag 2010.
18. (co-authored with S. Aseev, K. Besov and S.-E. Ollus) Optimal Economic Growth with a Random Environmental Shock Pages

109-137 in:

*Dynamic Systems, Economic Growth, and the Environment.*  
Edited by J. Crespo Cuaresma, T. Palokangas and A. Tarasyev.  
Heidelberg: Springer Verlag 2010.

19. (co-authored with U. Lehmijoki) Population Growth Overshooting and Trade in Developing Countries. *Journal of Population Economics* **22** (2009): 43-56.
20. Investment, Expropriation, and Unionization. *Economics of Governance* **10** (2009): 27-42.
21. Self-Interested Governments, Labor Unions, and Immigration Policy. *AUCO Czech Economic Review* **2** (2008): 7-20.
22. International Emission Policy with Poisson Technological Change. Pages 430-438 in:  
*Evolutionary and Deterministic Methods for Design, Optimization and Control.* Edited by P. Neittaanmäki, J. Periaux and T. Tuovinen. Barcelona: International Center of Numerical Methods in Engineering (CIMNE) 2008.
23. Competition and Product Cycles with Non-Diversifiable Risk. *Journal of Economics* **94** (2008): 1-30.
24. Emission Policy in an Economic Union with Poisson Technological Change. *Applied Mathematics and Computation* **204** (2008): 589-594.
25. Employment Cycles in a Growth Model with Creative Destruction. Pages 423-438 In:  
*Stochastic Economic Dynamics.* Edited by Bjarne S. Jensen and T. Palokangas. Copenhagen: Copenhagen Business School Press 2007.
26. (co-authored with U. Lehmijoki) Political Instability, Gender Discrimination, and Population Growth in Developing Countries. *Journal of Population Economics* **19** (2006): 431-446.
27. International Labor Market Policy and Growth with Creative Destruction. *Review of International Economics* **13** (2005): 90-105.
28. Common Markets, Economic Integration, and Creative Destruction. *Journal of Economics* **10** (2005) Supplement 1: 57-76.

29. Union-Firm Bargaining, Productivity Improvement and Endogenous Growth. *Labour: Review of Labour Economics and Industrial Relations* **18** (2004): 191-205.
30. Inflationary Financing of Government Expenditure in an Endogenous Growth Model. *German Economic Review* **4** (2003): 121-137.
31. The Political Economy of Collective Bargaining. *Labour Economics* **10** (2003): 253-264.
32. Inflation and Growth in an Open Economy. *Economica* **64** (1997): 509-518.
33. The Centralization of Wage Bargaining, Investment, and Technological Change. *Journal of Institutional and Theoretical Economics* **153** (1997): 657-673.
34. Endogenous Growth and Collective Bargaining. *Journal of Economic Dynamics and Control* **20** (1996): 925-944.
35. Taxation, Cost-benefit Analysis, and Monopoly in an Open Economy. *European Journal of Political Economy* **10** (1994): 529-543.
36. Temporary Cuts in Government Spending as an Anti-Inflationary Device. *Economics Letters* **43** (1993): 199-203.
37. Discrete Exchange Rate Changes with Real Wage Resistance. *Finnish Economic Papers* **5** (1992): 38-46.
38. Optimal Trade Policy in a Distorted Economy. *European Journal of Political Economy* **8** (1992): 201-212.
39. Binding Contracts, Profit-sharing and the Degree of Centralization. *Journal of Institutional and Theoretical Economics* **148** (1992): 260-273.
40. Investment, Profit Sharing and the Degree of Centralization. *Economics Letters* **35** (1991): 99-103.
41. Tax Incidence, Partial Policy Improvements and Centralized Wage-Setting. *The Scandinavian Journal of Economics* **93** (1991): 389-446.

42. Union Power in the Long Run Reconsidered. *The Scandinavian Journal of Economics* **91** (1989): 625-635.
43. Optimal Taxation and Employment Policy with a Centralized Wage Setting. *Oxford Economic Papers* **39** (1987): 799-812.
44. Global Stability and the Choice of Policy Targets under Rational Expectations. *Economics Letters* **22** (1986): 329-332.

## ***B. Non-refereed scientific articles***

### **B1. Non-refereed journal articles (since 2005)**

45. Comment on Steinar Holden's paper. Pages 59-60 in: *Collective Bargaining and Wage Formation Performance and Challenges*. Edited by Hannu Piekkola and Kenneth Snellman. Physica-Verlag HD 2005.

### **B2. Book section**

46. Searching for Jobs, Political Lobbying, and Legal and Illicit Immigration. In: *Työ, talous ja yliopisto. Jaakko Pehkonen 50 vuotta*. Heimonen and Tervo (eds). Jyväskylän yliopisto 2010.
47. Investment, Rate-of-Return Regulation and the Valuation of the Rate Base. In: *Antti Tanskanen 50 vuotta – kirjoituksia kansantaloudesta*. Nenonen and Pehkonen (eds). Jyväskylän yliopisto 1996.

### **B3. Non-refereed conference proceedings (since 2006)<sup>1</sup>**

48. The Welfare Effects of Globalization with Labor Market Regulation. *IZA Discussion Paper No. 9412:2015*. A paper presented in the 20th conference on Dynamics, Economic Growth and International Trade (DEGIT), Geneve 2015, Switzerland  
<https://www.nottingham.ac.uk/gep/news-events/conferences/2015-16/degit21.aspx>

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<sup>1</sup>I exclude the papers that are already included in A1.

49. The Political Economy of Labour Market Regulation with R&D. *IZA Discussion Paper No. 8147:2014*. A paper presented in the 19th conference on Dynamics, Economic Growth and International Trade (DEGIT), Vanderbilt 2014, USA  
<http://www.vanderbilt.edu/econ/conference/dynamics-growth-trade/homepage.html>
  
50. Clean versus Dirty Economic Growth. *Economics Discussion Paper No. 649 (2012)*. *University of Helsinki*. A paper presented in the 17th conference on Dynamics, Economic Growth and International Trade (DEGIT), Milan 2012, Italy  
<http://www.degit.ifw-kiel.de/papers>
  
51. (co-authored with U. Lehmijoki) The Long-Run Effects of Mortality Decline in Developing Countries. *IZA Discussion Paper No. 5422 (2011)*, *IZA, Germany*. Presented in: (i) Nordic Conference in Development Economics (NCDE), June 18-19, 2010, in the Helsinki Center of Economic Research (HECER), Finland (presenter: Tapio Palokangas); and (ii) The 15th Conference on Dynamics, Growth, and International Trade (DEGIT), September 3-4, 2010, Frankfurt am Main, Germany (presenter: Ulla Lehmijoki)  
<http://www.degit.ifw-kiel.de/papers>
  
52. GHG Emissions, Lobbying, Free-Riding, and Technological Change. *HECER Discussion Paper No. 340 (2011)*. A paper presented in the 15th conference on Dynamics, Economic Growth and International Trade (DEGIT), Frankfurt 2010, Germany  
<http://www.degit.ifw-kiel.de/papers>
  
53. Integration, Labor Market Regulation, Lobbying, and Technological Change. *IZA Discussion Paper No. 4096 (2009)*, *IZA, Germany*. This paper is presented in the IFAC 2011 Conference, August 28 - September 2, 2011, Milan, Italy  
<http://www.ifac2011.org/congress-program>

## ***C. Scientific books (monographs)***

### **C1. Book**

55. *Labour Unions, Public Policy and Economic Growth*. Cambridge: Cambridge University Press 2000. Authored by Tapio Palokangas. 238 pages.

### **C2. Edited book, conference proceedings or special issue of a journal**

56. *Green Growth and Sustainable Development*. Edited by J. Crespo Cuaresma, T. Palokangas and A. Tarasyev. Heidelberg: Springer Verlag 2013.
57. *Dynamic Systems, Economic Growth, and the Environment*. Edited by J. Crespo Cuaresma, T. Palokangas and A. Tarasyev. Heidelberg: Springer Verlag 2010.
58. *New Approaches in Dynamic Optimization to Assessment of Economic and Environmental Systems: Introduction*. Edited by H. Maurer, T. Palokangas and A. Tarasyev. Special Issue of Applied Mathematics and Computation **204** (2008), Elsevier.
59. *Stochastic Economic Dynamics*. Edited by B.S. Jensen and T. Palokangas. Copenhagen: CBS Press 2007. 438 pages.
60. *Growth, Trade, and Economic Institutions* (Supplement 10 to Journal of Economics). Edited by T. Palokangas, B.S. Jensen, D. Bös, G. Corneo, R. Hjerppe and J. Honkatukia. Vienna: Springer Verlag 2005. 194 pages.

## ***D. Publications intended for professional communities<sup>2</sup>***

61. Optimal Policy with R&D-based Growth and the Risk of Environmental Disaster. *Helsinki GSE Discussion Papers No. 19/2023*.

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<sup>2</sup>I exclude the papers that are already included in A1 or B3.

62. (co-authored with U. Lehmijoki) Fertility, Mortality and Environmental Policy. *IZA Discussion Paper No. 10465:2016*.
63. (co-authored with U. Nyambuu and W. Semmler). Sustainable Growth: Modelling, Issues and Policies. *IIASA Interim Report IR-14-019. IIASA (Laxenburg, Austria, 2014)*.

## ***G. Theses***

65. Public Policy with Monopolistic Markets, series A:8, Department of Economics, University of Tampere 1985, 209 pages, based on a D.Phil. thesis in the University of Oxford, England.
66. Optimal Economic Policy in a Small Economy with Imperfect Capital Markets (a Licentiate Thesis), Tampereen yliopisto Kansantaloustieteen laitoksen julkaisusarja B:50 (1979).

## ***I. Audiovisual material, ICT software***

### **I1. Audiovisual material**

67. Lectures on dynamic mathematical methods in economics (in Finnish), Opetusmonisteita, No. 2 (1999), University of Helsinki, Department of Economics, 87 pages.  
<http://blogs.helsinki.fi/palokang/files/2005/08/kirja.pdf>