

University of Minnesota - Twin Cities

Department of Applied Economics
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1994 Buford Avenue
St Paul, MN 55108 U.S.A.

Curriculum Vitae
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TETSUYA HORIE

Personal Data

Home Address

1403 N. Cleveland Avenue
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Telephone Numbers

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Citizenship: Japan (F-1 Visa)

URL: www.apec.umn.edu/Tetsuya_Horie.html

Major Fields of Concentration

Environmental and Resource Economics, Public Economics, Ecological Economics,
Applied Microeconomics, Applied Econometrics

Education

<i>Degree</i>	<i>Field</i>	<i>Institution</i>	<i>Year</i>
Ph.D.	Agricultural and Applied Economics <i>Currently Ph.D. candidate (A.B.D.)</i>	University of Minnesota	2004-Present
M.A.	Economics	Kobe University (Japan)	2003
B.A.	Economics	Kobe University (Japan)	2001

Computational/Data Analyzing Skill

Geographic Information System (GIS), Mathematica, Matlab, GAMS, Gauss, STATA

Reference

Professor Frances Reed Homans	(612) 625-6220 fhomans@umn.edu	Department of Applied Economics University of Minnesota 217g Classroom Office Building 1994 Buford Avenue St Paul, MN 55108
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Professor Terry Hurley	(612) 625-7028 tmh@umn.edu	Department of Applied Economics University of Minnesota 231j Classroom Office Building 1994 Buford Avenue St Paul, MN 55108
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Professor Jay Coggins (612) 625-9732 Department of Applied Economics
jcoggins@umn.edu University of Minnesota
249f Classroom Office Building
1994 Buford Avenue
St Paul, MN 55108

Professor Robert G. Haight (651) 649-5178 Northern Research Station
rhaight@fs.fed.us USDA Forest Service
1992 Folwell Avenue
St. Paul, MN 55108

Professor Robert C. Venette (651) 649-5028 Department of Entomology,
rvenette@fs.fed.us University of Minnesota

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1561 Lindig Steet
St. Paul, MN 55108

Honors and Awards

Aug. 2004-July 2006 *Ishizaka Foundation Scholarship*, Japan Business Federation
Apr. 2001- June 2003 *Japan Student Services Organization Scholarship*, Independent
Administrative Institution, Japan Student Services Organization
Mar. 2001 *Best Paper Award* for “Problem and Prospect of Chinese Agricultural
Policy after the Political Reform and Open System” (in Japanese),
Department of Economics, Kobe University, Kobe, Japan

Teaching Experience

Nov. 2008 *Invited speaker*, for class of Environmental Economics (undergrad),
Invasive Species Management in the US, Department of Economics, St.
Olaf College, Northfield, Minnesota, (November 7th)
Dec. 2006 *Invited speaker* for the St. Olaf Economic Research Lecture Series,
*Agricultural Policy and Productivity Growth and Technical Efficiency
Change in Japanese Agriculture*, (undergrad), Department of
Economics, St. Olaf College, Northfield, Minnesota, (December 11th)
Apr. 2002-Aug. 2002 *Teaching Assistant, Agricultural and Development Economics*
(undergrad), Department of Economics, Kobe University, Kobe, Japan
Sep. 2001-Mar. 2002 *Teaching Assistant, Population Economics* (Ph.D. level), Department of
Economics, Kobe University, Kobe, Japan

Research Experience

June 2007- *Research Assistant*, Spatial decision-making tools for efficient
allocation strategies in invasive species management (Professor Frances
Reed Homans), Department of Applied Economics, University of
Minnesota, Minnesota, U.S.A

Aug. 2006-May 2007 *Research Assistant*, Department of Homeland Security Projects,
(Professor Thomas Stinson), Department Applied Economics,
University of Minnesota, Minnesota, U.S.A.

Sep. 2003-Mar. 2004 *Research Assistant*, Empirical analysis of Japanese agricultural
production, Demographic analysis in developing countries (Professor
Mitoshi Yamaguchi), Department of Economics, Kobe University,
Kobe, Japan

Peer-Reviewed Articles

Tetsuya Horie and Mitoshi Yamaguchi, "Productivity Growth, Technical Efficiency Change, and Technical Change in Japanese Agriculture: 1965-1995," *Japanese Journal of Rural Economics* v.8, 2006, March.

Working Paper

Optimal Detection Strategies for an Established Invasive Pest, with Frances Homans

Work in Progress

Invasive Species Management: Incentives and Information

Optimal Strategies for the Surveillance and Control of Forest Pathogens, with Frances Homans, Robert Venette, Robert Haight

Ecological and Economic Impact of Oak Wilt in Minnesota, with Frances Homans, Robert Venette, Robert Haight, Shefali Mehta, David Smith, and Abigail Walter

Professional Affiliations

American Economic Association, Association of Environmental and Resource Economics,
American Agricultural Economics Association

Presentations

"Ecological and Economic Impact of Oak Wilt in Minnesota," Non-native invasive forest pests and pathogens (Distributed Graduate Seminar) National Center for Ecological Analysis and Synthesis Santa Barbara, California (February, 2008)

"Productivity Growth and Technical Change in Japanese Agriculture: 1965-1995"

Japanese Economic Association Fall Meeting, Tokyo, Japan (October 2003), Kansai-Econometrics Workshop held with Econometrics and Finance branch meeting of Japan Statistical Society, Kobe, Japan (January 2004)