

Sergio Giaccaria – Curriculum vitae

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Education:

PhD in Appraisal and Economic Valuations, Polytechnic University of Turin, Italy (2005). Title of dissertation: "Stated preferences analysis for the evaluation of environmental and cultural heritage: operating limits and perspectives".

First degree in Architecture, Polytechnic University of Turin, Italy (2000).

Short courses:

Summer school "Regional Productivity and Infrastructures" (ERSA/Stockholm, August, 2010)

- Efficiency analysis with parametric and non parametric methods, prof. Oleg Badunenko, prof. Andreas Stephan.
- Spatial Econometrics with R, prof. Roberto Patuelli
- CGE Modelling with GAMS, prof. Artem.

Summer school in Spatial Econometrics (ERSA/Prepare, Pecs, July, 2008):

- Spatial Econometrics, prof. Luc Anselin
- Spatial CGE Modelling, prof. Marc Thissen

Summer school in Econometrics (CIDE, Bertinoro, July, 2006):

- The Econometrics of Asset Pricing, prof. René Garcia
- Volatility estimation and modelling, prof. Nour Meddahi
- Economics of Inequality, prof. Antony B. Atkinson, prof. Stephen P. Jenkins

Quantitative methods for public policy analysis, prof. Alberto Martini (Pracatinat, August 21-31, 2006)

Valuation Techniques for Environmental Resources, prof. Riccardo Scarpa (University of Turin, April 5-21, 2006),

Modelling Non-market Valuation Data, prof. Anna Alberini (IUAV, Venice, May 23-26, 2005),.

Summer school in Real estate on Real Estate Appraisal, SSREA, (19-22 luglio, 2004).

Workshop, Methods for environment and landscape valuation, prof. Riccardo Scarpa. (IUAV, Venice, September 2-4, 2003).

Languages:

Italian

English

French

Present positions:

Research fellow, Department of Economics "Cognetti de Martiis", University of Turin, Italy

Assistant researcher at Collegio Carlo Alberto

Assistant researcher at IRES Piemonte

Teaching experiences:

Public Finance, Faculty of Political Science, University of Turin – module leader (2009-2010-2011).

Evaluation of environmental projects, Faculty of Political Sciences, University of Turin – module leader (2009-2010-2011).

Environmental economics, Faculty of Political Science, University of Turin – module leader (2010).

Valuation Techniques for environmental projects, Faculty of Political Science, University of Turin – module leader (2009-2010).

Environmental economics (advanced course), Faculty of Economics, University of Turin – module leader (2009).

Economics of environment and sustainable development, Faculty of Political Sciences, University of Turin – module leader (2008).

Methods for the economic valuation of environment, Faculty of Political Sciences, University of Turin – module leader (2006-2007-2008).

Appraisal of public investments (5ft year undergraduate students, Università del Piemonte Orientale) –

module leader (2005).

Environmental economics (5th year undergraduate students, Polytechnic University of Turin) – module leader (2005-2006).

Microeconomics, Real estate appraisal, (1-2nd year undergraduate students, Polytechnic University of Turin) (2003-2004).

Short seminars:

Lectures on Support to decision making through Cost-benefit Analysis, ASVAPP, "Corso di Analisi e Valutazione delle Politiche Regionali".

Lectures on *Discrete choice models* at Universitat Politècnica de Catalunya, "Master Oficial en gestió i Valoración Urbana", (2008-2009)

Lectures on *Energy Policy in UE*, Master course of "Diritto, istituzioni e politiche dell'UE", University Institute of European Studies, (2009)

Lectures of *Environmental Economics*, master for graduate students: Tecniche per la Progettazione e Valutazione ambientale, COREP, Polytechnic University of Turin, (2008-2009).

Environmental economics, Faculty of Economics and Commerce, University of Turin, (2006-2008).

Lectures on *Discrete choice models* in PhD courses at Polytechnic University of Turin (2007).

Economics of environment and sustainable development (Faculty of Political Sciences, University of Turin, 2006-2008).

Economic evaluation of natural resources, (module of Rural development and natural resources), Venice International University, San Servolo Island, Italy.

Exercise modules for courses of Microeconomics and Real Estate Appraisal Faculty of Architecture, Polytechnic University of Turin, 2002-2004).

Research Interests:

Environmental and natural resource economics.

Urban economics.

Spatial issues and GIS for applied economics.

Research projects:

Green Economy Research on the Mediterranean Environment (Assistant researcher). Principal investigator: Bruno Contini, Collegio Carlo Alberto, (2011-2012).

Eco-efficiency, rebound effect and consumption behavior: socio-cultural determinants and measurement models (researcher). Coordinator: Silvana Dalmazzone. IRIS, Institute for interdisciplinary research on sustainability and Department of Economics, University of Turin, (2011-2012).

Analisi dei flussi di materia dalle attività estrattive all'edilizia e prima elaborazione di un modello sistemico dei suoi effetti ambientali. (ricercatore). Coordinatore: Marco Bagliani. IRES Piemonte, (2010-2011).

Sustainability of the socio-economic system in Piedmont: Material and energy flows, impacts of infrastructures and energy supply (Coordinator and researcher), Department of Economics, University of Turin, (2007-2008-2009).

Housing disease in Turin. A pilot study for the assessment of housing affordability indexes. (Coordinator and researcher), Polytechnic University of Turin, (2007).

Implementing a toolkit for the valuation of infrastructures externalities, as a support for decisionmaking, researcher, (Coordinator and researcher), Department of Economics, University of Turin, (2005-2006).

Modelling household's residential choices, researcher, Polytechnic University of Turin, (2004-2005).

Land Reform And Land Market Development In The Ukraine, researcher, TEMPUS-TACIS project at Kherson State University, Ukraine, (2004).

Honours, fellowships, etc.:

Expert (Cultore della materia) in Environmental Economics (2007-2008).

Expert (Cultore dell materia) in Real Estate Appraisal, Polytechnic of Turin , Italy (2003-2004).

Three-years Post-graduate Research Fellowship, Polytechnic University of Turin, Italy (2002-2004).

Published papers:

Giaccaria S., Frontuto V. (2011), Perceived health status and environmental quality in the assessment of external cost of waste disposal facilities. An empirical investigation, *Waste Management and Research*, *In press*

La Notte A., Turvani M, Giaccaria S (2011), Economic valuation of ecosystem services at local level for policy makers and planners. The case of the island of St. Erasmo in the Lagoon of Venice, *Environmental Economics*, Vol. 2, Issue 3.

Bravi M., Giaccaria S., Talarico A.(2010), Affitto o proprietà? Un modello di scelta residenziale urbana, "Italian Journal of Regional Science", n.2, 2010.

Bravi M., Giaccaria S (2009), Mobilità urbana e scelte residenziali: un'analisi economica, "Archivio di studi urbani e regionali", n. 94.

Dalmazzone S., Giaccaria S., Frontuto V., Economics and policy of biodiversity loss, "Environmental training community newsletter", n.4, 2007.

Bravi M., Giaccaria S., La Conjoint Analysis (CA) nelle valutazioni immobiliari, "Aestimum" n.48, 2006
Giaccaria S., Scenari ipotetici e mezzi di pagamento nel metodo della valutazione contingente: il caso del Parco e Castello di Racconigi, in Lombardi P., "Temi di ricerca nel campo dell'estimo e della valutazione", quaderno CESET n.7, 2002.

Giaccaria S., Sirchia G. Variabili strategiche nella differenziazione dei prezzi degli immobili: una ipotesi di lavoro, in Roscelli R. (a cura di), "Mercato immobiliare, innovazione e gestione dei catasti urbani, quaderno", quaderno CESET n.8, 2002.

Giaccaria S., (2007), Valutare gli impatti ambientali delle infrastrutture: la rete dei grandi elettrodotti in Piemonte, in "Informa IRES", anno XVIII, n.1

Book chapters:

Bravi M., Giaccaria S., Scelte residenziali, mercato immobiliare e offerta di beni pubblici locali (BPL): una prospettiva metodologica, in Mollica E. (a cura di) "Sistemi economici locali e mercati immobiliari. La misura degli effetti originati da interventi di trasformazione urbana", Gangemi, 2007.

Giaccaria S., Il parco e il castello di Racconigi: stima della disponibilità a pagare per alternative progettuali, in Sirchia G. (a cura di), *La valutazione economica dei beni culturali*, Carocci, Roma, 2000.

Working papers:

Giaccaria S., Frontuto V. and S. Dalmazzone, (02/2010) "Who's afraid of power lines? Merging survey and GIS data to account for spatial heterogeneity" QR 10 N. 2

Giaccaria S. and Dalmazzone S. (03/2010) "Socio-economic drivers of biological invasions. A worldwide, bio-geographical analysis of trade flows and local environmental quality" QR 10 N. 3

Giaccaria S., Bravi M., Talarico A., (2008), Housing affordability and tenure choices: an empirical investigation, working paper series of the Department of Economics, University of Turin, QR 11/08.

Bagliani M., Bravo G., Dalmazzone S., Giaccaria S., Golia S., (2008) Economic growth and environmental pressure: a worldwide panel analysis, working paper series of the Department of Economics, University of Turin, QR 10/08.

Giaccaria S., Frontuto V., (2007) GIS and Geographically Weighted Regression in stated preferences analysis of the externalities produced by linear infrastructures, working paper series of the Department of Economics, University of Turin, QR 10/07.

Academic Papers presented at conferences:

Giaccaria S., Frontuto V. and S. Dalmazzone, "Who's afraid of power lines? Merging survey and GIS data to account for spatial heterogeneity

Giaccaria S., The external costs of linear infrastructure: stated choices and GWR tests for spatial stationarity, presented at the 49th European Congress of the Regional Science Association International, Łódź, Poland. 25th – 29th August 2009.

Giaccaria S., The treasure hidden in the forest: forest: a spatial approach for the economic assessment of forests benefits , presented at the 49th European Congress of the Regional Science Association International, Łódź, Poland. 25th – 29th August 2009.

Giaccaria S., The footprint of growth , presented at European Regional Science Association/PREPARE Summer Institute. Pécs, Hungary. July 2008.

Giaccaria S., Bravi M., Housing affordability and tenure choices: an empirical investigation, presented at the 15th Conference of European Real Estate Society in Association with the International Real Estate Society, Krakow, June 18-21st 2008.

Giaccaria S., Frontuto V., GIS and Geographically Weighted Regression in stated preferences analysis of the externalities produced by linear infrastructures, presented at the 15th annual Conference of the European Association of Environmental and Resource Economists (EAERE 2007), Thessaloniki, June 27th.

Giaccaria S., Bravi M, Forecasting Consumer Choices: Conjoint Analysis (CA) in Real Estate Market Research, presented at the Conference of European Real Estate Society in Association with the International Real Estate Society, Dublin, June 15-18th 2005.

Giaccaria S., Frontuto V., Implementing a toolkit for the valuation of infrastructures externalities as a support for decision-making, presented at the 3rd National conference of NUVAL, Rete dei Nuclei di Valutazione e Verifica degli Investimenti Pubblici (Network of groups for the assessment of public investments), Bologna, February 1st 2006.

Research reports:

Bagliani M., Contu s., Giaccaria S., Analisi dei flussi di materia dalle attività' estrattive all'edilizia e prima elaborazione di un modello sistemico dei suoi effetti ambientali. IRES Piemonte, 2011.

Colombino U., Dalmazzone S., Frontuto V., Giaccaria S., An integrated approach for the valuation of infrastructure's projects: economic and biophysical indicators. Biocapacity, biodiversity and ecosystem fragmentation. Department of Economics, University of Turin, 2007.

Bravi M., Giaccaria S., Talarico A., Housing disease in Turin. A pilot study for the assessment of housing affordability indexes. SITI, Polytechnic University of Turin, 2007.

Colombino U., Dalmazzone S., Frontuto V., Giaccaria S., A choice modelling study for the assessment

of impacts of municipal waste disposal systems. Department of Economics, University of Turin, 2007.

Colombino U., Dalmazzone S., Frontuto V., Giaccaria S., Valuation of the impacts of High Voltage Power Lines , Department of Economics, University of Turin, 2006.

Colombino U., Dalmazzone S., Frontuto V., Giaccaria S., Implementing a toolkit for the valuation of infrastructures externalities, as a support for decision-making, Department of Economics, University of Turin, 2005.

Reviewing:

Activity of reviewer for the following journals:

Resource and Energy Economics,

Journal of Environmental Management,

International Journal of the Commons.