

Vincent A.C. van den Berg

PostDoc Researcher
 Department of spatial economics
 VU University

EDUCATION

Ph.D. VU University, Amsterdam, 2011, economics
 Msc. Utrecht University, Utrecht, 2006, economics (cum laude)
 Bsc. Utrecht University, Utrecht, 2005, economics

ACADEMIC POSITIONS

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|--------------|--------------------|--------------------------|
| 2011-present | PostDoc researcher | VU University, Amsterdam |
| 2007-2010 | PhD student | VU University, Amsterdam |

RESEARCH*Key publications*

van den Berg, V.A.C., 2013. Serial private infrastructures. *Transportation Research Part B*, accepted.
 van den Berg, V.A.C., 2012. Step-tolling with price-sensitive demand: Why more steps in the toll make the consumer better off. *Transportation Research Part A*, 46(10), 1608–1622.
 Lindsey, C.R., van den Berg, V.A.C., Verhoef, E.T., 2012. Step tolling with bottleneck queuing congestion. *Journal of Urban Economics*, 72(1), 46–59.
 van den Berg, V., Verhoef, E.T., 2011. Winning or Losing from Dynamic Bottleneck Congestion Pricing? The Distributional Effects of Road Pricing with Heterogeneity in Values of Time and Schedule Delay. *Journal of Public Economics*, 95(7–8), 983–992.

Other publications in refereed journals

van den Berg, V.A.C., Verhoef, E.T., 2012. Is the travel time of private roads too short, too long, or just right? *Transportation Research Part B*, 46(8), 971–983.
 van den Berg, V.A.C., Verhoef, E.T., 2013. Congesting pricing in a road and rail network with heterogeneous values of time and schedule delay. *Transportmetrica A*, accepted.
 van der Weijde, A.H., Verhoef, E.T., van den Berg, V.A.C., 2013. Competition in Multi-Modal Transport Networks: A Dynamic Approach. *Transportation Research Part B*, accepted.
 van den Berg, V., Verhoef, E.T., 2011. Congestion tolling in the bottleneck model with heterogeneous values of time. *Transportation Research Part B*, 45(1), 60–78.
 van den Berg, V., Kroes, E., Verhoef, E.T., 2010. De effecten van reiskostencompensatie op treinreizigers. *Tijdschrift Vervoerswetenschappen*, 45(3), 102–110.
 van den Berg, V., Kroes, E., Verhoef, E.T., 2009. Choice of season cards in public transport: a study of a Stated Preference experiment. *European Transport \ Trasporti Europei*, 38, 4–32.
 Groot, L., van den Berg, V., 2009. Inequality in military expenditures and the Samuelson rule. *Defence and peace economics* 20(1), 43–67.

Joint publications with PhD students

- van der Weijde, A.H., Verhoef, E.T., van den Berg, V.A.C., 2015. Hotelling models with price-sensitive demand and asymmetric transport costs: an application to public transport scheduling. *Journal of Transport Economics and Policy*, in press.
- Silva, H.E., Verhoef, E.T., van de Berg, V.A.C., 2013. Airlines' strategic interactions and airport pricing in a dynamic bottleneck model of congestion. *Journal of Urban Economics*, accepted.
- van der Weijde, A.H., Verhoef, E.T., van den Berg, V.A.C., 2013. Competition in Multi-Modal Transport Networks: A Dynamic Approach. *Transportation Research Part B*, accepted.

Workingpapers (under review)

- van den Berg, V.A.C., 2013. Tender auctions with existing operators bidding. Tinbergen Institute Discussion Paper 2013-xxxx. (Under review at *Journal of Industrial Economics*).
- van den Berg, V.A.C., 2013. Coarse tolling under heterogeneous preference. Tinbergen Institute Discussion Paper 2013-xxxx. (Under review at *Transportation Research Part B*).

Workingpapers (other)

- van der Weijde, A.H., Verhoef, E.T., van den Berg, V.A.C., 2012. Hotelling Models with Price-Sensitive Demand and Asymmetric Transport Costs: An Application to Public Transport Scheduling. Tinbergen Institute Discussion Paper 2012-119/8.
- van den Berg, V.A.C., 2012. Over- and under-bidding in tendering. Tinbergen Institute Discussion Paper 2012-117/8.
- van den Berg, V.A.C., 2012. Advantaged bidders in franchise auctions. Tinbergen Institute Discussion Paper 2012-117/8.
- van der Weijde, A.H., Verhoef, E.T., van den Berg, V.A.C., 2012. Competition in Multi-Modal Transport Networks: A Dynamic Approach. Tinbergen Institute Discussion Paper 2012-116/8.
- Silva, H.E., Verhoef, E.T., van de Berg, V.A.C., 2012. Airlines' strategic interactions and airport pricing in a dynamic bottleneck model of congestion. Tinbergen Institute Discussion Paper 2012-056/3.
- van den Berg, V.A.C., 2012. Auctions for private congestible infrastructures. MPRA discussion paper, 40103.
- van den Berg, V.A.C., 2012. Step-tolling with price-sensitive demand: Why more steps in the toll makes the consumer better off. VU University Research Memorandum, 2012-3.
- van den Berg, V.A.C., Verhoef, E.T. 2011, Is the service quality of private roads too low, too high, or just right when firms compete Stackelberg in capacity. Tinbergen *Institute Discussion Paper* 2011-079/3.
- Lindsey, C.R., van den Berg, V.A.C., Verhoef, E.T., 2010. Step by step: revisiting step tolling in the bottleneck model. *Tinbergen Institute Discussion Paper* 2010-118/3.
- van den Berg, V., Verhoef, E.T., 2010. Why congestion tolling could be good for the consumer: the effects of heterogeneity in the values of schedule delay and time on the effects of tolling. *Tinbergen Institute Discussion Paper* 2010-016/3.
- van den Berg, V., Kroes, E. and Verhoef, E.T., 2010. Biases in willingness-to-pay measures from multinomial logit estimates due to unobserved heterogeneity. *Tinbergen Institute Discussion Paper* 2010-014/3.

Books

- van den Berg, V.A.C., 2011. *Congestion pricing with heterogeneous travellers*. Thela thesis: Amsterdam.

Work in progress

van den Berg, V.A.C., Watling, D. 2013. Step tolling under dynamic flow and bottleneck congestion
van den Berg, V.A.C., Watling, D. 2013. Existing operators in first-offer auctions

HONORS AND PRICES

| | |
|--------------|---|
| 2012-present | Research fellow of the Tinbergen Institute (the other fellowships include candidate and junior). ¹ |
| 2012 | BIVÉC-GIBET PhD Award Laureate, third place (BIVÉC-GIBET is the organisation of transport researchers of the BENELUX) |
| 2006 | Honors for MSc. degree: cum laude |

GRANTS

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| 2012-2017 | Joint Research Projects NSFC-NOW (The Application of Operations Research in Urban Transport): Private roads in mixed private-public networks: co-author (the PI's are Erik Verhoef and Xiaoning Zhang) | €260 000 + RMB 800 000 |
| 2011 | To attend the International Transport Forum in Leipzig | All costs |
| 2010 | To attend the Innovative pricing conference in Orlando | \$1000 |

REVIEWER FOR ACADEMIC JOURNALS (EXCLUDING REREVIEWS)

International Journal of Sustainable Transportation, Journal of Transport Economics & Policy, Journal of Urban Economics, Transportation Research Part A, Transportation Research Part B(6), Transportation Research Part E (2), Transport Policy, Transport Reviews, Urban Studies

CONTRACT RESEARCH

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| 2012-2012 | Economic valuation of travel time and reliability for the Dutch ministry of infrastructure and environment |
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TEACHING EXPERIENCE

| | | |
|--------------|------------------------------------|---|
| 2012-present | Transport Economics | Tutor and grading assignments |
| 2011-present | Transport Economics and Management | Lecturer and paper project supervisor/coordinator |
| 2011-present | Transport and Network Economics | Lecturer and grading assignments |
| 2008-present | Ruimtelijke economie 1.4 | Tutor |
| 2010 | Transport and Network Economics | Coordinator of the student literature |

¹ An overview of the fellowship requirements is given on <http://www.tinbergen.nl/wp-content/uploads/2012/10/Fellowship-Requirements-and-Charter-2012-2016.pdf> (and especially in Appendix I).

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|------|---|----------------------|
| 2009 | Transport Economics | presentations |
| 2008 | Advanced Methods for Applied Spatial Economic Research | Lecturer Lecturer |

SUPERVISION

PhD

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|----------------------|--------------|---|
| Hugo Silva | 2011-present | with Erik T. Verhoef (promotor) and Eric Pels |
| Harry van der Weijde | 2010-present | with Erik T. Verhoef (promotor) |

Master thesis

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|------------------|-----------|---|
| David Kik | 2013 | Fuel use |
| Kay Croonen | 2010-2011 | Young Urban professionals in road pricing schemes |
| Elvire van Groen | 2010 | To train or not to train |
| Babak Jahanshahi | 2009 | The effect of subsidizing public transport on travellers' behaviour |

Bachelor thesis

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|-----------------|------|--|
| Diederik Klip | 2012 | Voor- en nadelen van gratis openbaar vervoer in Nederland |
| Remy Sonnenberg | 2011 | Congestion and peak load pricing; determining the optimal fare |
| Jesper de Groot | 2010 | De waarde van tijd voor automobilisten |

Master research project

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| David Kik | 2013 | The optimal system of congestion pricing |
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PRESENTATIONS

2013

- Kuhmo NECTAR Conference on Transportation Economics, Chicago, Over- and under-bidding in tendering
- NECTAR conference, São Miguel, Portugal, Advantaged bidders for franchises.
- Annual Meeting of the Transportation Research Board, Washington, DC, Auctions for private congestible infrastructures.

2012

- NARSC, Ottawa, Advantaged bidders for franchises.
- NARSC, Ottawa, Auctions for private congestible infrastructures.
- Eureka seminar, VU University, Amsterdam, Advantaged bidders for franchises.
- Kuhmo-Nectar, Berlin, Auctions for private congestible infrastructures.

2011

- International Conference of Hong Kong Society for Transportation Studies, Hong Kong, Is the volume/capacity ratio of private roads too low, too high, or just right?
- ERSA, Barcelona, Is the volume/capacity ratio of private roads too low, too high, or just right when firms compete Stackelberg in capacity?

- International Transport Forum, Leipzig, Winning or losing from congestion pricing (invited poster presentation).
- Bivec-gibet, Namen, Is the volume/capacity ratio of private roads too low, too high, or just right when firms compete Stackelberg in capacity?
- Eureka seminar, VU University, Amsterdam, Is the volume/capacity ratio of private roads too low, too high, or just right when firms compete Stackelberg in capacity?

2010

- WCTR, Lisabon, Winning or losing from congestion pricing.
- Kuhmo-Nectar, Valencia, Winning or losing from congestion pricing.
- Kuhmo-Nectar, Valencia, Congesting pricing in a road and rail network with heterogeneous values of time and schedule delay.
- Innovative pricing, Orlando, Winning or losing from congestion pricing.

2009

- ECT, Noordwijkerhout, Congestion tolling in the bottleneck model with heterogeneous values of time.
- Nectar, Arlington, Congestion tolling in the bottleneck model with heterogeneous values of time.
- Bivec-gibet, Brussels, Congestion tolling in the bottleneck model with heterogeneous values of time.

2008

- ERSA, Liverpool, Biases in WTP estimates due to heterogeneity.
- Kuhmo-Nectar, Amsterdam, Biases in WTP estimates due to heterogeneity.
- Eureka seminar, VU University, Amsterdam, Choice of train ticket.

2007

- Kuhmo-Nectar, Urbino, Choice of season cards in public transport: a study of a Stated Preference experiment.

LANGUAGES

Dutch: Native
 English: Fluent (c1 level on Common European Framework of Reference test at the VU)

COMPUTER PROGRAMS

Office MS office, Mathtype, Adobe creative suite (Photoshop, Illustrator, Dreamweaver)
 Statistical Biogeme, python-biogeme, STATA, Eviews, SPSS, GAUSS, Matlab
 Other Mathematica, Unix coding, Putty, Fillezilla