

Curriculum Vitae

**W O U T E R S T E E N B E E K**

**CONTACT INFORMATION**

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Netherlands Institute for the Study of Crime and Law Enforcement  
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1081 HV Amsterdam, The Netherlands

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**EMPLOYMENT**

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2012-now     Researcher, The Netherlands Institute for the Study of Crime and Law Enforcement (NSCR), Amsterdam, the Netherlands.

From September 2017 onwards, I am the research coordinator of NSCR's cluster 'Spatial and Temporal Crime Patterns', which describes spatial and temporal variations in crime and explains these variations as a function of the characteristics of places and of how potential offenders, potential victims, informal and formal guardians use their spatial environment over daily and weekly time cycles. We work on three main lines of research, all of which I contribute to in various ways: (1) crime location choice; (2) guardianship; and (3) activity patterns and crime.

2011-2012     Postdoctoral Research Fellow, The Netherlands Institute for the Study of Crime and Law Enforcement (NSCR), Amsterdam, the Netherlands.

**EDUCATION**

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2011             Ph.D. Department of Sociology/Interuniversity Centre for Social Science Theory and Methodology (ICS), Utrecht University, Utrecht, the Netherlands. Dissertation: 'Social and physical disorder. How community, business presence and entrepreneurs influence disorder in Dutch neighborhoods'.

2005-2006     Courses in Sociology, Utrecht University, Utrecht, the Netherlands.

2004             M.Sc. Business Informatics (cum laude). Utrecht University, Utrecht, the Netherlands.

2001             Propedeuse Information Science (cum laude). Utrecht University, Utrecht, the Netherlands. (Dutch: 'Informatiekunde')

1999             High school 'gymnasium' (cum laude). Adelbert College, Wassenaar, the Netherlands.

**RESEARCH INTERESTS**

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Spatial criminology, Urban sociology, Geography, Cohesion, Social networks, Social Capital, Quantitative research methods

## PEER-REVIEWED JOURNAL ARTICLES

- Langton, S.H. and **W. Steenbeek** (2017). Residential burglary target selection: An analysis at the property-level using Google Street View. *Applied Geography*. Online first. doi:10.1016/j.apgeog.2017.06.014 may not yet work. Alternative link: <http://www.sciencedirect.com/science/article/pii/S0143622816304970>.
- Bernasco, W., T. de Graaff, J. Rouwendal, and **W. Steenbeek**. Social interactions and crime revisited: An investigation using individual offender data in Dutch neighborhoods. *Review of Economics and Statistics*. 'Just Accepted' online first. doi:10.1162/REST\_a\_00656.
- Hoeben, E., L. Pauwels, and **W. Steenbeek**. Measuring disorder: Observer bias in Systematic Social Observations at streets and neighborhoods. *Journal of Quantitative Criminology*. Online first. doi:10.1007/s10940-016-9333-6.
- Bernasco, W. and **W. Steenbeek**. More places than crimes: Implications for evaluating the law of crime concentration at place. *Journal of Quantitative Criminology*. Online first. doi:10.1007/s10940-016-9324-7.
- Steenbeek, W.** and D. Weisburd (2016). Where the action is in crime? An examination of variability of crime across different spatial units in The Hague, 2001–2009. *Journal of Quantitative Criminology* 32(3): 449-469. doi:10.1007/s10940-015-9276-3.
- Völker, B.G.M., G. Mollenhorst, **W. Steenbeek**, V.A.J.M. Schutjens, and H.D. Flap (2016). Lost letters in Dutch neighborhoods: A field experiment on collective efficacy. *Social Forces* 94(3): 953-974. doi:10.1093/sf/sov106.
- Hipp, J.R. and **W. Steenbeek** (2016). Types of crimes and types of mechanisms: What are the consequences for neighborhoods over time? *Crime & Delinquency* 62(9): 1203–1234. doi:10.1177/0011128715604168.
- Mohnen, S.M., C.C. Molema, **W. Steenbeek**, M.J. van den Berg, S.R. de Bruin, C.A. Baan, and J.N. Struijs (2016). Verschillen zorgkosten tussen zorggroepen? Vergelijking van zorggroepen voor mensen met diabetes. *Nederlands Tijdschrift voor Geneeskunde* 161, D701.
- Mohnen, S.M., C.C. Molema, **W. Steenbeek**, M.J. van den Berg, S.R. de Bruin, C.A. Baan, and J.N. Struijs. Cost variation in diabetes care across Dutch care groups? *Health Services Research*. doi:10.1111/1475-6773.12483
- Völker, B.G.M. and **W. Steenbeek** (2015). No evidence that gender contributes to personal research funding success in The Netherlands: A reaction to van der Lee and Ellemers. *Proceedings of the National Academy of Sciences of the United States of America*. doi:10.1073/pnas.1519046112.
- Steenbeek, W.** and C. Kreis (2015). Where broken windows should be fixed: Towards identification of areas at the tipping point. *Journal of Research in Crime and Delinquency* 52(4): 511-533. doi:10.1177/0022427815580166.
- Nygård, M., F. Nyqvist, **W. Steenbeek** and G. Jakobsson (2015). Does social capital enhance political participation of older adults? A multi-level analysis of older Finns and Swedes. *Journal of International and Comparative Social Policy* 31(3): 234-254. doi:10.1080/21699763.2015.1069207.
- Steenbeek, W.** and V.A.J.M. Schutjens (2014). The willingness to intervene in problematic neighbourhood situations: A comparison of local entrepreneurs and (un-)employed residents. *Tijdschrift voor Economische en Sociale Geografie* 105(3): 349-357. doi:10.1111/tesg.12092.
- Nyqvist, F., M. Nygård, and **W. Steenbeek** (2013). Social capital and self-rated health amongst older people in western Finland and northern Sweden: A multi-level analysis. *International Journal of Behavioral Medicine* 21(2): 337-347. doi:10.1007/s12529-013-9307-0

**Steenbeek, W.**, B. Völker, H. Flap, and F. van Oort. (2012) Local businesses as attractors or preventers of neighborhood disorder. *Journal of Research in Crime and Delinquency* 49(2): 213-248. doi:10.1177/0022427810397948.

**Steenbeek, W.** and J.R. Hipp (2011) A longitudinal test of social disorganization theory: Feedback effects among cohesion, social control, and disorder. *Criminology* 49(3): 833-871. doi:10.1111/j.1745-9125.2011.00241.x.

**Steenbeek, W.**, L. van de Wijngaert, M. van den Brand, and F. Harmsen (2005). Sourcing decision-making: Eliciting consultancy knowledge using policy capturing. *ECIS 2005 Proceedings*: 135.

#### BOOKS OR BOOK CHAPTERS

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Kreis, C., **W. Steenbeek**, R. van Steden and H. Boutellier (2016). Hotspots van high impact-criminaliteit in Amsterdam: 2008-2013. In A. Dirkzwager, J-L. van Gelder, S. Ruiter, and G. Custers (Eds.), *Beroemd en berucht: Criminaliteit in Amsterdam* (pp. 57-71). Amsterdam: SWP.

Lemieux, A.M. and **W. Steenbeek** (2016). Toeristen en criminaliteit in Amsterdam. In A. Dirkzwager, J-L. van Gelder, S. Ruiter, and G. Custers (Eds.), *Beroemd en berucht: Criminaliteit in Amsterdam* (pp. 33-44). Amsterdam: SWP.

Kreis, C. and **W. Steenbeek** (2013). Space-time visualization and analysis of public attitudes towards crime and policing in the Netherlands, 1993-2001. In S. Ruiter, W. Bernasco, W. Huisman and G. Bruinsma (Eds.), *Eenvoud en verscheidenheid: Liber amicorum voor Henk Elffers* (pp. 279-296). Amsterdam: NSCR & Afdeling Criminologie Vrije Universiteit Amsterdam. ISBN 978-90-902-7706-6.

**Steenbeek, W.**, B.G.M. Völker, and H.D. Flap (2012). Buurtproblemen als vrijwilligersdilemma's. In V.W. Buskens and W.A.F. Maas (Eds.), *Samenwerking in sociale dilemma's: Voorbeelden van Nederlands onderzoek* (pp. 159-184). Amsterdam: Amsterdam University Press.

Mohnen, S.M. and **W. Steenbeek** (2012). Sociaal kapitaal van de buurt: Verschillen in perceptie door jongeren en volwassenen? In B.G.M. Völker (Ed.), *Over gaten, bruggen en witte paters - sociaal kapitaal in sociologisch onderzoek. Liber amicorum voor Henk Flap* (pp. 123-135). Amsterdam: Rozenberg Publishers.

**Steenbeek, W.**, L. van de Wijngaert, M. van den Brand, S. Brinkkemper, and F. Harmsen (2012). A decision procedure for the where and how to outsource. In S. Brinkkemper and S. Jansen (Eds.), *Collaboration in outsourcing: A journey to quality* (pp. 73-87). Palgrave/Macmillan, London.

**Steenbeek, W.** (2011). Social and physical disorder. How community, business presence and entrepreneurs influence disorder in Dutch neighborhoods. Doctoral dissertation, Utrecht University, the Netherlands.

Schutjens, V.A.J.M. and **W. Steenbeek** (2010). Buurtbinding van ondernemers: Over lokale betrokkenheid en inzet voor leefbaarheid. In *Bedrijvigheid en leefbaarheid in stedelijke woonwijken* (pp. 117-150). Den Haag/Bilthoven: Planbureau voor de Leefomgeving.

**Steenbeek, W.** (2009). Het meten van "de wijk": Wanneer is een wijk schoon, heel en veilig? In S. Musterd and W. Ostendorf (Eds.), *Problemen in wijken of probleemwijken?* (pp. 97-108). Assen: Koninklijke Van Gorcum BV.

#### SOFTWARE

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**Steenbeek, W.**, C. Vandeviver, M. Andresen, and N. Malleson (2017). sppt: Spatial Point Pattern Test. R package version 0.1.4. URL: <https://github.com/wsteenbeek/sppt>

## UNDER REVIEW

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The (In)Stability of Residential Burglary Patterns on Street Segments: The Case of Antwerp, Belgium 2005-2016. *Revise and Resubmit.*

## IN PROGRESS

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Kreis, C. and **W. Steenbeek**. Clustering spatial units using regionalization methods while separating noise from data.

Sleeuwen, S., Ruiter, S., and **W. Steenbeek**. When do Offenders Commit Their Crimes? A Within-Person Analysis of Temporal Consistency in Offending.

**Steenbeek, W.** The effect of business activity on neighborhood crime rates.

**Steenbeek, W.** and C. Kreis. The (in)stability of disorder across time and space? A spatio-temporal analysis of physical and social disorder and fear of crime in the Netherlands.

**Steenbeek, W.** and S. Ruiter. Open for business? The effect of business opening and closing times on crime occurrence.

## PRESENTATIONS

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2017      Ruimtelijk-temporele patronen van woninginbraak in Antwerpen, 2005-2014: In hoeverre is woninginbraak geconcentreerd in bepaalde straatsegmenten, en hoe stabiel is deze concentratie over de tijd? Annual meeting of the Nederlandse Vereniging voor Criminologie, Leiden, the Netherlands, June 15-16.

How businesses and facilities affect crime: a fixed effects analysis of street segments over a ten-year period in The Hague, The Netherlands. Invited presentation at the Department of Sociology and Human Geography at University of Oslo, Oslo, May 30.

Wat maakt het misdaadpatroon: buurt of straat? Conferentie 'Willen, Doen en Weten: Beleid, praktijk en wetenschap in dialog over de politiefunctie'. Ministry of Security and Justice, The Hague, the Netherlands, January 19.

2016      Open for business: The impact of opening hours on street segment crime levels. Annual meeting of the American Society of Criminology, New Orleans, USA, November 16-19.

Residential burglary target selection: an analysis using Google maps. Annual meeting of the European Society of Criminology, Münster, Germany, September 21-24.

Residential burglary target selection using Google Streetview. Environmental Criminology and Crime Analysis Conference, Münster, Germany, June 20-23.

Veiligheid: voorbeelden van recent wetenschappelijk onderzoek. [Security: examples of recent scientific research]. Invited presentation at The Hague University of Applied Sciences, The Hague, the Netherlands, June 3.

Taking stock and looking forward: methodological and theoretical challenges for the role of ethnicity in social disorganization theory. Invited presentation at symposium 'Ethnic Diversity and Neighborhood Social Processes: Cross-Cultural Perspectives', Max Planck Institute for Foreign and International Criminal Law, Freiburg, Germany, May 24-25.

- Within and beyond ‘the’ neighborhood as the spatial context of crime. Invited presentation at symposium ‘Order in Context’, Utrecht, the Netherlands, March 31. (Presented by Prof. Stijn Ruiter)
- 2015 Räumlich-zeitliche Analyse der Kriminalität Erfahrungen aus den Niederlanden. Invited presentation at Deutsche Hochschule der Polizei (DHPol), Münster, Germany, October 2.
- Types of crime and types of mechanisms: What are the consequences for neighborhoods over time? Invited presentation at ERC meeting ‘DEPRIVEDHOODS’ (Prof. Maarten van Ham), Delft University, the Netherlands, September 14.
- Where Broken Windows should be fixed: Towards identification of areas at the tipping point. Annual meeting of the European Society of Criminology, Porto, Portugal, September 2-5.
- The effect of business presence on crime occurrence. Invited presentation at University of Groningen (Sociology), Groningen, the Netherlands, March 12.
- Guest lecture for course ‘Sociologie van criminaliteit en veiligheid’ (Criminality and Security) at University of Groningen, the Netherlands, March 12: Situationele Aspecten van Criminaliteit (Situational Aspects of Crime)
- 2014 The (in)stability of disorder across time and space? A spatio-temporal analysis of physical and social disorder and fear of crime in the Netherlands. XVIII ISA World Congress of Sociology, Theme I.4 Understanding Social and Physical Disorder in the Urban Metropolis, Yokohama, Japan, July 13-19.
- Where to fix Broken Windows. Invited presentation at University of Amsterdam (Geography), Amsterdam, the Netherlands, January 13.
- 2013 Broken Windows and the identification of areas at the ‘tipping’ point. International workshop on Broken Windows, Amsterdam, the Netherlands, October 24-25.
- The effect of businesses and facilities on crime at urban micro-places in the Netherlands. Annual meeting of the European Society of Criminology, Budapest, Hungary, September 4-7.
- Spatio-temporal patterns of crime in the Netherlands, or: “What can J-curves really tell us?”. Environmental Criminology and Crime Analysis Conference, Philadelphia, USA, June 17-19.
- Ecometrics: Praktijk, ziekenhuis of zorggroep variatie – welke methoden gebruiken bij benchmarken? Invited presentation at National Institute for Public Health and the Environment (RIVM), Bilthoven, the Netherlands, February 5.
- 2012 The effect of business presence on crime events at urban micro-places. Annual meeting of the American Society of Criminology, Chicago, USA, November 14-17.
- Visitor crime in Amsterdam: Tourists, hostels, systematic observation. Invited presentation (with A.M. Lemieux) at Amsterdam Police Department, Amsterdam, the Netherlands, July 9.
- Risky business? How businesses and facilities affect the spatio-temporal criminal development of urban streets. Environmental Criminology and Crime Analysis Conference, Stavern, Norway, June 25-27.
- 2011 Crime and business presence: Disentangling cause and effect. Annual meeting of the American Society of Criminology, Washington, D.C., USA, November 16-19.

Hostel crime in Amsterdam. Annual meeting of the American Society of Criminology, Washington, D.C., USA, November 16-19.

Visitor crime in Amsterdam: (Fear of) victimization among tourists. Environmental Criminology and Crime Analysis Conference, Durban, South Africa, July 19-21.

Wederkerigheid tussen bedrijfsaanwezigheid en criminaliteit in Nederlandse buurten. Annual meeting of the Nederlandse Vereniging voor Kriminologie, Leiden, the Netherlands, June 16-17.

Guest lecture for course 'Crimineel gedrag over de levensloop' (Criminal behavior across the life course) at Utrecht University, the Netherlands, April 7: De invloed van de buurt op crimineel gedrag (The effect of the neighborhood on criminal behavior)

- 2010 Intervention in physical and social Disorder. Annual meeting of the American Society of Criminology, San Francisco, USA, November 17-19.
- Actions on behalf of social cohesion and social control by local neighborhood entrepreneurs. Annual meeting of the American Society of Criminology, San Francisco, USA, November 17-19.
- 2009 Local neighborhood businesses as attractors and preventers of disorder. Social Ecology CLS colloquium. University of California, Irvine. Irvine, USA, April 13.
- Local neighborhood businesses as attractors and preventers of disorder. Capturing Context conference. Columbia University. New York, USA, June 13.
- 2008 Invited commentary at conference 'Coproductie in de wijk' on presentation by K. Dekker 'Does the network of civic organizations influence participation in neighborhood governance?' (co-authors: Völker, B., Lelieveldt, H., Torenvlied, R.). Utrecht, the Netherlands, November 6.
- Social and physical disorder in Dutch neighborhoods: local businesses as attractors and preventers. 8th Annual Conference of the European Society of Criminology. University of Edinburgh. Edinburgh, United Kingdom, September 2-5.
- Buurteconomie en overlast in Nederlandse buurten. Lokale bedrijven: aanjagers of ingrijpers? Dag van de Sociologie. K.U. Leuven en Centrum voor Sociologisch Onderzoek. Leuven, Belgium, May 29.
- Wanneer is een buurt schoon, heel, veilig? NETHUR Stadsdag. Amsterdam, the Netherlands, April 25.
- 2007 Invited commentary at conference 'Life chances of firms and neighborhoods' (Kansen van buurten en bedrijven) on presentation by J. van Wilsem 'Cohesie, criminaliteit en commerciële dynamiek in buurten'. Utrecht, the Netherlands, May 10.
- Neighbors, networks, and entrepreneurs: The association between entrepreneurship, social capital and individual action on behalf of neighborhood order. International Sunbelt Social Network Conference XXVII. Corfu Island, Greece, May 1-6.
- The Social Networks of the Dutch. Theoretical background and empirical research. Netherlands Institute for Social Research (SCP). The Hague, the Netherlands, January 24.

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## REFEREE

Criminology, European Journal of Criminology, Journal of Housing and the Built Environment, Journal of Quantitative Criminology, Journal of Research in Crime and Delinquency, Australian and New Zealand Journal of Criminology, Research Foundation Flanders (FWO), Urban Studies.

**GRANTS**

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- 2017 NWO MaGW Research Talent 2017 grant for project *Follow the Honey. Real-world experiments among cybercrime offenders* for candidate Renushka Madarie (with Stijn Ruiter). Total NWO funding: € 224,201
- 2016 NWO MaGW Research Talent 2016 grant for project *It's About Time. Time-Specific Offender Awareness Spaces and Their Impact on Criminal Decision-Making* for candidate Sabine van Sleuwen (with Stijn Ruiter). Total NWO funding: €219,474
- 2014 ‘The Parameters of Risk Across the Urban Landscape (PRAUL)’. Phoolan Devi Institute, VU University (with Christian Kreis). €10,000,-
- 2012 NWO MaGW VENI (Innovational Research Incentives Scheme) grant for project *Risky business? How businesses and facilities affect the spatio-temporal criminal development of urban streets.* €247,500,-

**OTHER ACTIVITIES**

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- 2016-now Chair and co-founder of the ‘Space, Place, and Crime’ working group of the European Society of Criminology: <http://www.space-place-crime.eu>.  
Co-organizer of 4 special sessions of the ‘Space, Place, and Crime’ working group at the 2016 Annual Meeting of the European Society of Criminology, Münster, Germany (Sep 21-24), as well as 4 sessions at the 2017 Annual Meeting.
- 2014 Co-organizer of the Annual Symposium of Environmental Criminology and Crime Analysis (ECCA), Kerkrade, The Netherlands (June 16-19).
- 2011-2015 Member of Ethical Review Committee (“Commissie Ethiek Rechtswetenschappelijk & Criminologisch Onderzoek, CERCO”), Faculty of Law, VU University Amsterdam.
- 2009 Short term scholar at University of California, Irvine. Irvine, USA. Host: John Hipp, Ph.D. (associate professor). Stay: April 1 – May 31. Purpose: collaboration on paper ‘A longitudinal test of social disorganization theory’.
- 2008 Development of the ‘Survey of the Social Networks of Entrepreneurs’ (SSNE) in collaboration with B.G.M. Völker, H.D. Flap, V.A.J.M. Schutjens, G. Mollenhorst and B. Sleutjes.  
Development of ‘systematic social observation’ surveys and ‘lost letters’ research design. Supervision of bachelor students and student-assistants to leave such envelopes in 160 different Dutch neighborhoods, in order to assess neighborhood differences in return rates.

**TEACHING AND SUPERVISION EXPERIENCE**

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- 2008-now Supervision of M.A. theses (2008: 1 supervised, 1 reviewed; 2009: 2 supervised, 2 reviewed; 2010: 2 supervised; 2011-2012: 1 supervised; 2016: 2 supervised; 2017: 2 supervised)
- 2007-2011 Supervision of B.A. theses. (2007/2008: 4 supervised, 4 reviewed at Utrecht University; 2011: 5 supervised at NSCR / VU University Amsterdam)
- 2007-2010 Teaching B.A. Sociology course ‘Problems and Theories of Sociology’ (Dutch: ‘Problemen en theorieën van de sociologie’).

2003-2004 Teaching assistant. Teaching tutorial groups of two undergraduate Information Science courses: ‘Strategic management, organisational development and ICT’ (Dutch: ‘Strategisch management, organisational ontwikkeling en ICT’); ‘Cognition and information processing’ (Dutch: ‘Cognitie en informatieverwerking’)

#### **COURSES ATTENDED**

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2013 Analysing spatio-temporal data with R. Workshop by Prof. dr. E. Pebesma, AGILE 2013 conference, Leuven, Belgium.

2011 Event History Analysis in R. WOG workshop by Prof. dr. M. Mills and dr. N. Barban, Utrecht University.

2009 Critical issues in criminal justice. Audited graduate course by Prof. Elliott Currie, during short stay at University of California, Irvine, USA.

2008 Bayesian evaluation of informative hypotheses. Methods & Statistics, Utrecht University.

2007 Urban and Regional research. Netherlands graduate school of urban and regional research, Utrecht University.

‘Multilevel analysis: practical applications’ and ‘Multilevel models: a model confrontation workshop’. University of Essex (summer school), United Kingdom.

Structural equation modeling using Mplus. Methods & Statistics, Utrecht University.

Advanced methods and techniques of empirical research. ICS Graduate school.

2006 Theory construction and modeling. ICS Graduate school.

#### **STATISTICAL SOFTWARE EXPERIENCE**

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R, Stata, SPSS, Mplus, MLwiN, GeoDa, CrimeStat, QGIS

#### **LANGUAGE PROFICIENCY**

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- Dutch (native language)
- English (fluent in speaking & writing)
- German (fluent in speaking & good in writing)
- Italian (basic)

#### **MEMBERSHIPS**

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- European Society of Criminology
- James Coleman Association
- Netherlands Sociological Association
- Netherlands Interdisciplinary Demographic Institute