

<b>CURRICULUM VITAE</b> <b>DR. ROEL RUTTEN</b>
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<b>PERSONAL INFORMATION</b>
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Name: Roel Paul Johan Huub RUTTEN  
Nationality: Dutch  
Place of residence: Tilburg, the Netherlands  
Civil status: Married  
Email: r.p.j.h.rutten@tilburguniversity.edu  
Languages: Dutch (native); English (fluent); German (very good); French (passable)

<b>CURRENT AFFILIATIONS</b>
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**Assistant Professor in the Department of Organization Studies at Tilburg University (01.08.2001-31.10.2023)**

**Associate Professor in the Department of Organization Studies at Tilburg University (01.11.2023-present)**

Developing, coordinating and teaching courses. Coordinating across courses with colleagues in the department. Conducting scientific research, individually and in collaboration with colleagues in the department as well as national and international colleagues. Presenting research at international scientific conferences and publishing in peer reviewed journals and other scientific outlets. Applying for external funding. Performing academic leadership within the department and the School of Social and Behavioural Sciences. Engaging with the business community, government and society.

**Senior consultant at European Regional Affairs Consultants (ERAC) – 2018-present**

Organizing the exchange of knowledge between university and consultancy around the organization of regional development. The work centres on supervising master students writing their thesis based on consultancy projects from ERAC, working on research-related projects from ERAC, training ERAC consultants in the use of case-based (qualitative) research methods and preparing ERAC projects for use in classrooms.

**Visiting Professor at the Newcastle Business School, Northumbria University – 2020-present**

Honorary position in recognition of my research achievements. Working with local colleagues, in particular with prof. David Charles on research related to entrepreneurship, regional development and QCA.

## CAREER HISTORY

### **Consultant at ERAC (European Regional Affairs Consultants) – 1994-2001**

Key area: Regional innovation policy. Making SWOT analyses of the innovation potential of regions and developing regional innovation strategies based on the SWOT analyses. Translating the strategies into concrete actions. Conducting the above activities in close cooperation with key regional actors, such as government, the business community, education, knowledge centres and intermediary organizations. Acting as a process manager in this network. Experience in Dutch and other EU regions. Participation in several EU conferences on regional innovation policy between 1994 and 2001.

### **PhD Student at Tilburg University (Dept. of Organization Studies) – 1996-2001**

Inter-firm collaboration on new product development. Empirical research on a buyer-supplier network in the Dutch manufacturing industry. Key research issues: knowledge creation, network structure, governance, spatial proximity, qualitative research analysis. Graduation on 24 May 2002.

## MANAGEMENT

### **(Vice-) chair of the examining board**

Vice-chair: 01.01.2015 – 30.11.2017.

Chair, 01.12.2017 – present.

Responsible for regulations and policy on exams and in recent years the professionalization of the Board. In addition to running the day-to-day affairs of the examining board, my main concern is to continuously strengthen the quality of examinations.

Key achievements:

- Developing the handbook examinations. The handbook specifies the rules and regulations of the examining board and explains how lecturers must implement them in the courses and exams.
- Developing a master theses assessment form for all social sciences education programmes.
- On-going consultation with the chairs of examining boards of the other Schools of Tilburg University in order to align examination policy across the Schools.
- Developing a policy, rules and guidelines for online examination during the COVID-19 pandemic, in close collaboration with the chairs of the examining boards of the other Schools. This was a very substantial and time-consuming task. Among others, I was responsible for developing and implementing rules and guidelines for online examination on TSB and TiU level, coming from a situation where no such rules and guidelines existed. Developing and implementing these rules and regulations required much and intensive coordination with, among others, TSB-Academic Directors, TiU Legal Services, TiU Public Relations, TiU IT-Services, and the Management Team of TiU, over a prolonged period of time.

### **Member of the BKO-committee**

Member: 2015-present.

The committee assess the proficiency of the education portfolios of experienced and junior teachers and awards basic (BKO) and advanced (SKO) university teaching qualification certificates.

Key achievements:

- Setting a policy to quickly achieve a 90% BKO coverage across the Tilburg School for Social and Behavioural Sciences.
- Developing criteria for awarding the senior teaching qualification (SKO) certificate.

### **Workgroup qualitative methods teaching**

March 2021. De facto chair of a workgroup on qualitative methods teaching for TSB-MAW (Tilburg School of Social and Behavioural Sciences, Maatschappijwetenschappen). The workgroup assessed the deficiencies of qualitative methods teaching for the TSB-MAW Bachelor programmes. It identified four qualitative methods that have particular relevance for the TSB-MAW Bachelor programmes and explained how these methods differ from the mainstream, variable-based, quantitative approach of the current methods courses. The workgroup also suggested specific qualitative skills that TSB-MAW Bachelor students need to develop. It suggested a curriculum outline on how qualitative methods and skills teaching can be delivered. I was the de facto chair of the workgroup and I developed the format of the report that the workgroup presented.

### **Education coordinator for the Bachelor programme of Organization Studies**

Tenure: spring 2018 - present.

Coordinating the coherence of and between the learning lines in the programme.

### **Director of Education for the Bachelor programme Organization Studies**

Tenure: 2008-2011.

As director of education, I was a member of the board of the department of Organization Studies. I was Responsible for the day-to-day running and administration of the programme, responsible for the coherence of the programme, responsible for encouraging innovations in the programme. As education director, I was Involved in the education policy of the School of Social and Behavioural Sciences with colleague directors of education.

### **Received training**

29 March 2022: Half-day training for members of the examination board, legal affairs and policy advisors by Pieter Huisman and Roel van Krieken of Hobéon.

24 November 2021: One day course on "Training examination boards" by Nico Oostrom (Citoconsult).

Spring 2009: A three-day course on "Effective Leadership and Supervision", to further academic leadership skills.

<b>EDUCATION</b>
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Wide experience with teaching courses to large and small groups on both Bachelor and Master level. Wide experience with supervising work groups/assignments. Very experienced supervisor of Master theses. Responsible for designing new courses and renewing existing courses. Used to teaching courses in teams with other lecturers. Ample experience as course coordinator. Obtained the Dutch University Teaching Qualification (UTQ) (in Dutch: Basis Kwalificatie Onderwijs (BKO)) in June 2015 and the senior-UTQ (in Dutch: Senior Kwalificatie Onderwijs (SKO)) in May 2018.

### **Courses taught**

- Innovation and Organization\* – designed the original version of the course and re-designed it multiple times over the years.
- Inter-Organizational Relationships – designed and re-designed my module on inter-organizational project teams
- Economic Sociology – co-teacher
- Master Seminar Organization Studies\* – Re-designed the course when I took over coordination. Responsible for assigning students to thesis supervisors

- Organization Theory – co-teacher
- International Organization – designed my module on regional organizations
- Project Assignment B\* – supervised numerous student teams doing research assignments. Coordinated with course coordinators of content courses that contributed to this course.
- Advice, Intervention and Evaluation\* – co-designed the initial version of the course.
- Corporate Social Responsibility – designed and re-designed my modules on globalization and innovation.
- Academic Skills\* – completely re-designed the course when I took over as coordinator, to include more methods training and more interactive elements. I later re-designed the course to include professional skills.

\*) I have served as course coordinator for these courses.

### **Received training**

- 19 April 2018: workshop on quality of team assignments
- 20 November 2017: workshop on specification tables for exams.
- 25 October 2017: workshop on rubrics for exams.
- 25 November 2011: A one-day workshop on “understanding student learning” and “activating small groups”.
- Winter 2010: A course of three half-days on “Education and the Art of the Theatre”, to further presentation skills for education purposes.

## **RESEARCH – GENERAL**

I take much pride in the fact that I have published single authored conceptual, empirical and methodological papers in top-10 journals in their fields (Progress in Human Geography 2017, Journal of Economic Geography 2018, Sociological Methods & Research 2021, 2022). The fact that I also conduct applied research (most notably at ERAC), creates a very productive synthesis between basic and applied research.

I follow a critical realist approach to doing social science. On the occasion of my 25<sup>th</sup> work anniversary at Tilburg University, I wrote an essay where I explain my (critical-realist) position on causal explanation. (Rutten, R. (2019). *Critical realism and complex causality: On the assumptions you buy into when you are making causal claims*, Oisterwijk: Wolf Publishers). From the position that causality is complex, I argue that set theory and Boolean algebra are better placed for causal explanation than variables and statistics. I also explicitly include agency in causal explanation because agents must exercise causal powers for outcomes to occur. From this position, my research focuses on three major themes:

### **The organization of knowledge creation**

In this theme, I theorize and empirically research how social structures and institutions enable and constrain knowledge creation in organizations. Organizations is understood broadly to include, e.g. teams, organizations, and networks, formal and informal, permanent or temporary. This work specifically focuses on individuals as the principal agents of knowledge creation and addresses how agency is shaped and shapes social structures and institutions.

*Example work:*

- Rutten, R. (2014). Learning in socio-spatial context: An individual perspective, *Prometheus, Critical Studies in Innovation*, Vol. 32(1): 67-74.
- Rutten, R. (2017). Knowledge creation in temporary organizations, in Peris-Ortiz, M. and Ferreira, J. (Eds), *Cooperative and networking strategies in small business*, Cham: Springer, pp. 175-196.
- Rutten, R. A critical junctures analysis of the Tenerife air disaster, manuscript prepared for *Organizational Research Methods*.

**Causal explanation and the case-based method**

This is methodological work where I connect the critical realist notion of causality to case-based theorizing and empirical inference. My methodological work focuses mostly, but not exclusively on QCA (Qualitative Comparative Analysis). I demonstrate how using set theory and Boolean algebra has fundamentally different implication for theorizing and empirically investigating causality than does using variables and statistics (linear algebra).

*Example work:*

- Rutten, R. (2022). Applying and assessing large-N QCA: robustness and causality from a critical realist perspective, *Sociological Methods & Research*, 51(3): 1211-1243.
- Rutten, R. (2020). Comparing causal logics: A configurational analysis of proximities using simulated data, *Zeitschrift für Wirtschaftsgeographie*, 63(4): 134-148.
- Rutten, R. (2021). Uncertainty, possibility and causal power in QCA, accepted in *Sociological Methods & Research*, published online, pp. 1-30.

**The interaction between social space and physical place**

This theme connects to geography of knowledge creation in the economic geography literature. Departing from the position that knowledge creation happens in social spaces, I investigate how and why social spaces connect to some physical places rather than others. My work addresses, among others, the role of socio-cultural diversity in making physical places attractive for social spaces to connect to. Understanding the interaction between social space and physical place contributes to explaining regional innovation. Future work on this theme connects regional inequality to regional innovation.

*Example work:*

- Rutten, R. (2019). Openness values and regional innovation: A set-analysis, *Journal of Economic Geography*, 19(6): 1211-1232.
- Rutten, R. (2017). Beyond proximities: The socio-spatial dynamics of knowledge creation, *Progress in Human Geography*, 41(2): 159-177.
- Rutten, R. and Boekema, F. (2013), Beyond the learning region: A new direction for conceptualizing the relation between space and learning, *European Planning Studies*, Vol. 21-5, pp. 722-734.

<b>RESEARCH – PHD SUPERVISION</b>
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**Jameson Lingl, self-funded PhD student at the Institute of Social Sciences (ISS), The Hague**

PhD start: May 2023.

Topic: Racial discrimination as a zero sum game

I am the de fact first supervisor. Formally the co-supervisor, together with professor Thea Hilhorst (ISS).

**Ananya Sengupta, self-funded PhD student at the Henley Business School, Reading UK**

Ananya visited Tilburg for two weeks in September 2023 to receive in-depth training in QCA (Qualitative Comparative Analysis) as part of her PhD project.

**Cecile Verhaar, internal PhD student in the department of Organization Studies**

PhD start: September 2022.

Topic: dynamics of regional development networks.

I am the daily co-supervisor, together with professor Tine Buyl.

**Sorkun Terzi, self-funded PhD student at the department of Organization Studies**

PhD start: October 2021.

Topic: organizational knowledge creation.

I am the daily supervisor. The formal supervisor is professor Leon Oerlemans

**Jos van den Broek, self-funded PhD student at Radboud University, Nijmegen**

PhD defence: 11.10.2018.

Topic: Agency and institutions in the construction of cross-border innovation spaces.

I was the daily co-supervisor, together with Dr. Paul Benneworth (Twente University). The formal supervisor was professor Frans Boekema (Radboud University).

**Aradom Gebrekidan, external PhD student at the department of Organization Studies**

PhD defence: 28.11.2016.

Topic: Spatial proximity, social capital and social status

I was the daily supervisor. The formal supervisor was professor Paul de Graaf (Tilburg University).

**Roland Levering, internal PhD student in the department of Organization Studies**

PhD defence: 07.01.2015.

Topic: Organizational culture and networks.

Professor Leon Oerlemans (Tilburg University) was the supervisor, I was one of the co-supervisors.

**Rik Ligthart, internal PhD student in the department of Organization Studies**

PhD defence: 11.04.2014.

Topic: Time after time: collaboration practices in and across temporary organizations.

Professor Leon Oerlemans was the supervisor, I was the co-supervisor.

**Joris Knoben, internal PhD student in the department of Organization Studies**

PhD defence: 14.09.2007.

Topic: Firm mobility and organizational networks

Professor Leon Oerlemans (Tilburg University) was the supervisor, I was one of the co-supervisors.

<b>RESEARCH – PHD DEFENCES</b>
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**Kelly Alexander**

PhD defence: 11.09.2023, Tilburg University

Topic: A view from the south: Making sense of the organizational reality of social enterprises in Sub-Saharan Africa.

Prof. Jörg Raab and Prof. Federica Angeli were the supervisors, I was in the PhD committee.

**Anna-Mateja Punstein**

PhD defence: 09.07.2020, Heidelberg University.

Topic: Institutionalized incommensurability: Towards a social-institutional understanding of innovation and regional development.

Prof. Johannes Glückler was the supervisor, I was the external examiner.

**Mohd Hussin**

PhD defence: 30.06.2012, Newcastle University.

Topic: network embeddedness.

Prof. Joanne Roberts was the supervisor, I was one of two external examiners.

<b>RESEARCH – CONFERENCES</b>
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**Conferences organized**

Ongoing series of international conferences on “The Learning Region” in 1998, 2000, 2003, 2005, 2007 and 2009. Conference on the Social Dynamics of Innovation Networks in 2011.

**Invited keynote speeches**

IRS Spring Academy: Innovating space(s): Current theoretical and methodological approaches, 4-7 June 2019, Erkner/Berlin. Keynote speech: Knowledge creation and the interaction between social space and physical place.

Making of innovation workshop, 21-22 August 2019, London. Keynote speech: Explaining (the possibility of) regional innovation.

**Recently visited conferences (2017 onwards)**

2023: 2<sup>nd</sup> Annual QCA Conference of the Americas, Los Angeles, CA.

2022: 10<sup>th</sup> International QCA experts workshop, Zürich, Switzerland.

2022: Regional Studies Association, Winter Conference, London, UK

2022: Learning from cases, international workshop, Tilburg, the Netherlands.

2022: Annual QCA Conference of the Americas, I participated online.

2021: 9<sup>th</sup> International QCA experts workshop, online

2020: 8<sup>th</sup> International QCA experts workshop, online.

2020: EGOS conference, QCA track, online.

2019: 7<sup>th</sup> International QCA experts workshop, Zürich, Switzerland.

2019: Regional Studies Association, winter Conference, London, UK

2019: American Association of Geographers conference, Washington DC.

2019: International QCA summer workshop, Antwerp, Belgium

2018: 6<sup>th</sup> International QCA experts workshop, Zürich, Switzerland

2018: Regional Studies Association, winter conference, London, UK

2018: Global Conference on Economic Geography, Cologne, Germany

2018: International QCA summer workshop, Wuppertal, Germany

2017: Regional Studies Association, winter conference, London, UK

2017: EURAM conference, Glasgow, UK

2017: Rauischholzhausener Symposium zur Wirtschaftsgeographie, Rauischholzhausen, Germany

## IMPACT – GENERAL

### Work for ERAC (European Regional Affairs Consultants)

- Workshop on policy evaluation methodology (17.02.2022).
- Workshop on policy evaluation methodology (27.02.2020).
- Workshop on research methods for consultancy (06.05.2020).
- Contributing research methods expertise to various consultancy project. My expertise has contributed to ERAC making a successful bid for several policy evaluation studies.

### Impact studies

- Smart Specialization Strategy Chemical sector (S3 Chem) expert advice for the Province of Limburg (NL). Rutten, R. (2019). Fee of € 8.000 (excl. VAT) to benefit the Department of Organization Studies.
- Randstad Monitor (2019): benchmarking the Dutch Randstad region against eleven other metropolitan regions in Europe on key economic and social indicators.
- Study on the network and the societal relevance of the Tilburg region public library. Report in Dutch (Rutten, R. (2019), Bibliotheek Midden-Brabant verbindt). Fee of € 5.000 (incl. VAT) to benefit the Department of Organization Studies.
- Evaluation of a regional economic development policy initiative on SMEs and creativity for the Dutch province of Noord-Brabant (2010-2011). Pro bono.

### Impact activities

- Speaker in the “Diversities of Innovation” workshop, Berlin 18/19 November 2016 and 15/16 October 2018, with academics and labour union representatives.
- Speaker at the “Atelier Session” on the future of recreation and regional development in the Province of Flevoland (Netherlands) on 31 March 2016. Pro bono.
- Member of the jury for the best professional publication award of the Dutch Council of Organization Advisors, 2014 – 2016. (2014: pro bono, 2015 and 2016: commission € 1,000).
- Research and consultancy in the Dutch shipbuilding industry on collaboration between shipbuilders and subcontractors. Within the framework of the above-mentioned PhD projects. Project funded by the Dutch shipbuilders, 2009-2013.
- Evaluation of the Stimulus Cluster Scheme (2005-2006). Stimulus is the programme management of the EU Objective 2-programme for the Eindhoven region (the Netherlands). The cluster programme was part of their regional innovation policy. Pro bono.
- Academic expert for regional economic development policy in the Northern Netherlands (2005). Pro bono.
- Academic expert for the evaluation of the Syntens network of innovation support centres in the Netherlands (2004). Pro bono.

## IMPACT – ESTEEM INDICATORS

- Invited speaker at the Winter School for advanced qualitative methodology and theorizing in Economic Geography. Bern, Switzerland, 6-10 February 2023.
- Member of the Editorial Board of *Progress in Economic Geography*, 2022-present.
- Two teaching awards for teaching the best small bachelor course and the best large bachelor course in the department of Organization Studies in 2020/2021.
- Application for the Regional Studies senior fellow grant 2021. Proposal on ‘intersectional regional inequality’ made it to the last four.

- Teaching awards for teaching the best course in the master programme of the department of Organization Studies in 2016/2017, 2017/2018.
- Teaching award for teaching the best course in the bachelor programme of the department of Organization Studies in 2014/2015, 2015/2016, 2018/2019, 2019/2020, 2022 and 2023.
- Grant of €5,000 from the Tilburg School of Social and Behavioural Sciences to buy data from the Dutch Central Bureau of Statistics, awarded December 2017.
- Second prize in the 2016 essay competition of the Royal Holland Academy of Science and the NRC-Handelsblad newspaper on 'the limits of tolerance'.
- Invited speech for the OKTI 2015 conference at the Indonesian Embassy in Paris, 29 November 2015.
- Invited key note speech for the Fryske Akademie Autumn School, 16 October 2015.
- Teaching award for teaching the best course in the bachelor programme of the department of Organization Studies in 2012/2013.
- Grant of € 7,500 awarded (27.05.2013) by the Tilburg School of Social and Behavioural Sciences to redevelop my course on Innovation, Organization and Entrepreneurship.
- Two teaching awards for teaching the best small bachelor course and the best large bachelor course in the department of Organization Studies in the academic year 2011/2012.
- Invited lecture at the Graduate School of Management of the University Putra Malaysia, Kuala Lumpur, Malaysia, 7 June 2011.
- Invitation (22 November 2010) to submit a full proposal for a COST Action (oc-2010-2-8151 Social Dynamics of Innovation Networks) following a favourable review of the initial application.
- Invited key note speech at the conference on "Cooperation and knowledge transfer university-firm for agro-food, logistics and transport clusters in cross-border regions", organized by the University of Beira Interior, Covilhã, Portugal (16 July 2010).
- Regional Studies Association (RSA) grant for Network Meetings (€ 3,000), 2008. (Network meeting organized in 2009.)
- Grant (€ 650,000) from the Steering Committee of the Platform on Integrative Cooperation of the Dutch shipbuilding industry, awarded in 2009, to fund two PhD researchers (2009-2013) to conduct research on networks in the Dutch shipbuilding industry.
- Grant application VENI (for early career researchers) of the Dutch NWO in 2004. (Long-term effects of temporary networks.) Although the application was deemed eligible for funding it was not actually funded because it received a low priority.

<b>TEAM</b>
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#### **Service to university**

- Member of the Faculty Council (2002-2010) as representative of academic staff.
- Masters of Ceremony of the Organization Studies Graduation Day (twice yearly, 2007-2011 and 2017).
- Member of a workgroup on the preparation of a programme on teacher training (2009).
- Member of a workgroup on the evaluation of the Financial Organization of Tilburg University (2010).
- Member of a workgroup on the preparation of an International Bachelor Social Sciences in the Faculty of Social Sciences (2010-2011).
- Member of the Education Committee of Organization Studies (2015-2018).
- Member of the examining board (2004-2015).

**Service to academic field**

- QCA tutorial for PhD students from Tilburg University, 30 June 2023.
- Ad hoc reviewer for, among others, the following journals: European Planning Studies, Regional Studies, International Journal of Innovation and Regional Development, Baltic Journal of Management, Prometheus: Critical Studies in Innovation, Journal of Urban Affairs, Journal of Economic Geography.
- Board of Reviewers for the Indonesian Scholars International Conference, London, UK 2012.
- Reviewer of conference papers for the Western Regional Science Association (WRSA) annual conferences (2003-2009). Session chair for several paper sessions at the WRSA annual conference (various years).
- Session chair of the Regional Studies Association (RSA) annual conference 2010, 2011, 2012, 2015, 2016.
- Member of the Scientific Committee of the European Regional Science Association (ERSA) annual conference 2010, for the track on Social Capital.
- Convenor for the RSA 2011 summer conference gateway on Enterprise, Entrepreneurship and Learning in Resilient Regions.

**Service to community**

Vice chair of the Tilburg branch of one of the main national political parties of the Netherlands. Coaching of City Council Members. Selecting City Council candidates prior to local elections. Co-developing the local political programme. Supporting the local election campaigns. Years active: 2000-2020. Years as member of the board: 2003-2011 and 2015-2020. Vice chair: 2004-2011 and 2015-2018.