

Curriculum Vitae

Robert J.W. Tijssen

(January 13th 1955, Dunedin, New Zealand)

At present I am one of the senior staff at the *Centre for Science and Technology Studies*, and member of the management team. Over the last 20 years I have been actively involved in academic research, teaching and training, and have participated - either as a participant or as a supervisor - in a large number of R&D projects and advisory work for national and (supra)international organisations in the public sector and the private sector. Over the years this work has accumulated in a publication output of some 40 articles in international journals, numerous commissioned reports, as well as several books and book chapters. Currently, my academic work also includes the being a member of the editorial advisory board of international journal *Research Evaluation*.

I have acted as project manager and coordinator of the *Netherlands Observatory of Science and Technology* since its launch in 1992 (www.nowt.nl). I am Visiting Professor at Stellenbosch University (South Africa) and University of Queensland (Australia).

My current research interests focus on quantitative studies of the scientific performance and science-innovation relationships. The research activities include the development of performance indicators, assessment and evaluation of scientific performance (at macro, meso and micro levels), and industry-university research linkages. My teaching and training courses at the Leiden University and Stellenbosch University also cover these topics.

Background

Citizenship

Netherlands

Command of languages

Dutch (mother tongue)

English (fluent)

German (passive)

Italian (passive)

Higher education

1992 PhD Science Studies, Leiden University, Netherlands

Dissertation "*Cartography of science: scientometric mapping with multidimensional scaling methods*".

Supervisors: Prof. Dr. A.F.J. van Raan, Prof. Dr. W.E. Heiser

1984 MSc Applied statistics/mathematical psychology, Leiden University, Netherlands

1981 BA Psychology, Leiden University, Netherlands

Professional career

2008 to date Adjunct Associate Professor, University of Queensland, Australia

2004 to date Visiting Professor, University of Stellenbosch, South Africa

1993 to date Associate Professor and Project Manager at CWTS, Leiden University

1988-1992 Assistant Professor and Senior Researcher at CWTS, Leiden University

1986.1987 Researcher at LISBON Institute – Science Studies Unit, Leiden University

1985.1986 Junior researcher at Department of Applied Statistics and Data Theory, Leiden University.

1984-1985 Junior researcher at the Institute for Traffic Safety, Leiden University.

1982-1984 Research assistant at the Department of Research Methodology and Applied Statistics, Leiden University.

Professional activities

Scientific and scholarly achievements

Published some 40 research articles in international peer-reviewed journals, including *Evaluation Review*, *Journal of the American Society for Information Science*, *Journal of Information Science*, *Research Policy*, *Research Evaluation*, and *Scientometrics*;

Supervised large research projects commissioned funded by agencies and (supra) national authorities, including the European Commission;

Presented numerous research papers at conferences, workshops and seminars across the world, including invited presentations as keynote speaker.

Teaching and training

Tijssen, R.J.W., *Scientometrics and Science Indicators*, 3-days lecture series as Visiting Professor at Stellenbosch University (South Africa), March 2008.

Tijssen, R.J.W., Series of four lectures at CWTS Graduate course "Measuring Science", October 2007.

Tijssen, R.J.W., *Measuring Science and Research Performance: Introduction to Scientometrics and Science Indicators*, 3-days lecture series as Visiting Professor at Stellenbosch University (South Africa), February 2007.

Tijssen, R.J.W., Series of three lectures at CWTS Graduate course "Measuring Science", October 2006.

Tijssen, R.J.W., Series of three lectures at CWTS Graduate course "Measuring Science", October 2005.

Tijssen, R.J.W., *Scientometrics: introduction and research evaluation issues*, One-week lecture series as Visiting Professor at Stellenbosch University (South Africa), February 2005.

Tijssen, R.J.W., Series of two lectures at CWTS Graduate course "Measuring Science", October 2004.

Tijssen, R.J.W., *Introduction to Scientometrics*, 3-days lecture series as Visiting Professor at Stellenbosch University (South Africa), February 2004.

Tijssen, R.J.W., Series of two lectures at CWTS Graduate course "Measuring Science", October 2003.

Tijssen, R.J.W., Series of two lectures at CWTS Graduate course "Measuring Science", November 1999.

Tijssen, R.J.W., Series of two lectures at CWTS Graduate course "Measuring Science", October 1998.

Tijssen, R.J.W. and A.F.J van Raan, *Effectiveness of EC-funded research*. Lecture during postgraduate course Optimizing scientific outputs and impacts by public research institutions in EC research programmes. The Hague, September 1997.

Co-supervisor of PhDs and membership of PhD examination committees

Mr K. Jonkers, European University Institute, PhD award on February 18th 2008. Supervisor: Prof. R. Stankeiwicz; co-supervisor: Dr. R.J.W. Tijssen

Mr E. Hassan, University Dauphine-Paris, France, PhD award on September 14th 2001. Supervisors: Prof. D. Foray and Prof. R. Barré.

Mr M. Mymoon, University Madras, India, PhD award on May 3th 2000. Supervisor: Prof. K.S. Raghavan.

Mr E.N. Noyons, Leiden University, Netherlands, PhD award on December 9th 1999.
Supervisor: Prof. A.F.J. van Raan.
Ms S. Hinze, Leiden University, Netherlands, PhD award on April 15th 1997.
Supervisor: Prof. A.F.J. van Raan.

Membership of external advisory committees (2005-2007)

International Expert Group on Impact Assessment of the EC/FP7 Joint Technology Initiative 'Innovative Medicines Initiative' (September 2006-January 2007).
International Peer Review Panel for the Evaluation of the Strategic Plans of the Spanish CSIC Institutes in the Social Sciences (November–December 2005).

Referee for scientific journals

Research Policy, 2001-present
Research Evaluation, 1993-present
Journal of the American Society for Information Science and Technology, 1992-present
Scientometrics, 1985-present
Psychometrics, 1984-1986

Membership of professional organisations

Netherlands Graduate School on Science, Technology and Modern Culture (WMTC)
European Association for the Study of Science and Technology (EASST)
International Society for Scientometrics and Informetrics (ISSI)