# CURRICULUM VITAE PROF. DR. E.J.M.M. (JOS) ARTS



**Personal details**


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| Born: | 8 April 1967 in Groningen, The Netherlands. |


**Employment history**

Jos's working career consists of two important parallel strands – his academic work at the University of Groningen (RUG) and his professional practice work at Rijkswaterstaat (RWS) – which are closely intertwined making him a true Pracademic. His (parallel) careers within both are listed below.

***University of Groningen (Rijksuniversiteit Groningen, RuG)***
***Faculty of Spatial Sciences in Groningen:***

2016 - - *Professor Environmental & Infrastructure Planning (full-time)*
Leading a chair-group with also 1 part-time professor, 1 associate professor, 2 assistant-professors, post-docs, and 14PhDs. Overall manager research, advice and teaching activities collaboration programme Rijkswaterstaat-RUG 'Sustainable Networks' (>300k€/yr). Coordinator/lecturer courses MSc-programme Environmental & Infrastructure Planning (Dilemmas in Infrastructure Planning, Impact Assessment and Policy Evaluation, Fieldwork Water Quality; and redeveloping these courses), supervising MSc-theses. Lecturing in BSc Spatial Planning & Design, BSc Human Geography & Planning.

2018 - 2025 - *Head of Department of Spatial Planning & Environment (full-time)*
Integral responsibility for HR, finances, strategy and operations of a department with: some 90 persons (> 40 staff members: full-professors, associate professors, assistant-professors, lecturers, Post-Docs, other researchers; and >45 PhD researchers); some 500-600 students in the educational programmes (= BSc-programme Spatial Planning & Design (with over 120 students starting every year in a 3-yrs. programme), and 2 MSc-programmes for Environmental & Infrastructure Planning and for Society Sustainability & Planning (with some 100 students starting yearly in 1-yr. programmes); and a research turn-over of > ca.1.5mln.€/yr.

2006 - 2016 - *Professor Environmental & Infrastructure Planning (part-time, 1 day/week)*
Leading a chair-group of a post-doc and 4-6 PhD researchers (both full-time and external PhDs). Lead manager research, advice and teaching activities collaboration programme 'Sustainable Networks' Rijkswaterstaat-University of Groningen (ca. 300k€/yr). Developing new courses (Infrastructure Planning, Environmental Planning, Dilemmas in Infrastructure Planning) and coordinator/lecturer of these courses. Supervising MSc-theses. Lecturing in BSc 'Technische Planologie', BSc 'Sociale Geografie & Planologie'.
https://myuniversity.rug.nl/infonet/medewerkers/profiles/jos.arts/64ah40_oratie_arts.pdf

2004 - 2006 - *Assistant Professor Environmental & Infrastructure Planning (part time, 1 day/week)*
Developing introductory courses (Environmental & Infrastructure Planning) for the newly introduced international Masters programme Environmental & Infrastructure Planning, guest lectures in BSc-programme 'Technische Planologie', supervision MSc theses.

1992 - 1997 - *PhD researcher (full-time)*
Research topic: "EIA Follow-up, On the Role of Ex Post Evaluation in Environmental Impact Assessment". https://hdl.handle.net/11370/2cf04875-d05e-4640-a777-71d2c4f23a30

1991 - 1997 - *Lecturing and contract research (next to PhD research)*
In the field of: ex post evaluation, Environmental Impact Assessment (EIA), infrastructure and land use planning. Contract research and development of guidance for, e.g.: Ministries VROM, LNV, V&W/Rijkswaterstaat and various provincial governments.

1986 - 1990 - *Student-assistant (part-time)*
Statistics, and research project on redeveloping infrastructure planning.

***Ministry of Infrastructure & Water Management***
***Rijkswaterstaat, Water, Transport & Environment Division***

2016 - 2019 - *Principal Advisor Sustainable Area & Infrastructure Development (part-time)*
Principal for Rijkswaterstaat-wide policy and development (research and advice) about area-oriented planning and sustainable development. Initiator and scientific lead EU Horizon 2020 Vital Nodes programme and of CEDR Collaborative Planning programme.

2007 - 2016 - *Principal Advisor Environment (full-time)*
Principal for Rijkswaterstaat-wide policy and development for the knowledge field Environment (including e.g. sustainable development, environmental management, spatial and infrastructure planning): initiating and leading research and advisory projects; responsibility for knowledge management of environment field within Rijkswaterstaat; chair of various Communities of Practice (for e.g. noise, air quality, soil issues, spatial planning), HR-development 'advisory column' of environment field (> 200 RWS employees). Member of 'College van Topadviseurs'. Direct advice to Board Rijkswaterstaat and Ministry. Scientific lead national and international collaboration projects (research).

2005 - 2007 - *Head of Infrastructure & Environment Department (full-time)*
Integral responsibility for HR, finances, strategy and operations of a department with: >40 persons (programme managers, project managers, policy advisors); ca. 10mln€/yr turn-over in research and advisory budget. Department covering almost all environmental disciplines relevant to road development and management (Noise, Air, Soil, Landscape, Nature, Biodiversity, Sustainable Development, EIA); development of Rijkswaterstaat policies, regulations, guidance, and consultation (RWS and Ministry); research programmes nationally and internationally (bilateral, CEDR, COST-programmes). Under Jos' management, the department was successfully modernized during the large-scale reorganisation of RWS.

2000 - 2005 - *Programme manager of EIA/Transportation Centre (full-time)*
Responsibility for HR, finances, strategy and operations of the Centre of Expertise for EIA and infrastructure & spatial planning (with: >10 persons, project, policy advisors), initiator and lead investigator research and advisory projects on EIA and infrastructure & spatial planning. Overall responsibility knowledge management (guidance, training, consultation) for Rijkswaterstaat and the Ministry about EIA and planning.

1997 - 2001 - *Project manager consultation and research at EIA/Transportation Centre (full-time)*
Initiator and lead investigator consultation and research projects on EIA and Spatial & Infrastructure planning for Rijkswaterstaat and the Ministry.

***North West University (Potchefstroom, South-Africa)***

2019 - - *Extra-ordinary professor (part-time)*
Appointed as extra-ordinary professor, Unit Environmental Sciences & Management, Potchefstroom Campus, North West University, Potchefstroom, South-Africa.
Joint research, publications and PhD-supervision.

***Applied University Utrecht / Saxion Applied University***

2014 - 2016 - *Lector Infrastructure & Spatial Development (part time, 1d/w in 1st semester)*
'Professor applied sciences' for Master of Urban & Area Development (MUAD) of the Applied University Utrecht (Hogeschool Utrecht) and the Saxion Applied University (Saxion Hogeschool). Developing and coordinator/main lecturer of the MUAD-master course Infrastructure and Spatial Development (mostly part-time students working for >5 yrs. in professional practice), supervision of MSc-theses, joint (re)development of the MUAD-programme.

**Education**

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| 2016 - | | Various courses and training at University of Groningen: Training Research and Active bystander training (RUG 2025); Training Research and Development Interviews with employees' (RUG 2023); Training for professors 'Integrity in an Intercultural Space' (RUG, 2021); Training 'Active Bystander' (RUG, 2021); Course on academic integrity (RUG, 2019); Training 'Intercultural Awareness – in-house Planning Department' (2019); Training 'Onderwijs Accreditatie' (2019); Training 'Examencommissies' (2017); Training 'Academische integriteit', (RUG, 2017). |
| 1997 - 2015 | | Various courses and training at Rijkswaterstaat: 'Leertraject Topadviseurs', in-company Rijkswaterstaat (2013-2014); 'Kaderstellend adviseur' Tweeofmeer, in-company (2009); Leertraject Afdelingshoofden RWS' &Samhoud, in-company (2006-07); 'Coachend Leidinggeven', GTIP, in-company (2006); Training 'Moeilijke gesprekken' in-house i.h.k.v. reorganisatie Rijkswaterstaat (2004); 'Juridische aspecten / hoofdzaken bestuursrecht tracé/m.e.r.' ROI, in-company (2004); leertraject management 'Communicatie, Interactie en Managementvaardigheden' Van Harte & Lingsma (2002-2003); Training 'Kwaliteitszorg' Lloyds in-company (2000); 'Professionele Adviesgesprekken' ROI (1998); 'Projectmanagement' Twijnstra Gudde, in-company (1997). |
| 1992 - 1997 | - | PhD-researcher, Planning Department, Faculty of Spatial Sciences, University of Groningen<br>Courses, training at University Groningen,PhD training programme Nethur, Planologienetwerk Summer Schools of AESOP.<br>PhD-thesis published as: Arts, E.J.M.M. (1998), *EIA follow-up: On the Role of Ex Post Evaluation in Environmental Impact Assessment,* PhD thesis, Faculty of Spatial Sciences, University of Groningen, Geo Press, Groningen, 558pp |
| 1985 - 1991 | - | Bachelor+Master Human Geography, Faculty of Spatial Sciences, University of Groningen<br>Specialisation: Environmental and Infrastructure planning ('Technical Planning')<br>Thesis: Arts, E.J.M.M. (1991), *Een kwestie van niveau, milieu-effectrapportage in de ruimtelijke ordening*, ("Environmental Impact Assessment for spatial plans"), Vakgroep Stedelijke en Regionale Planning (Rijksuniversiteit Groningen) / Afdeling Milieu-effectrapportage (Ministerie VROM), Groningen. |
| 1979 - 1985 | - | Athenaeum (grammar school) at the Fivelcollege in Delfzijl. |

**Positioning**

The core of Jos' work revolves around the interaction between theory and practice, policy and implementation, and academia and society. At this he focuses on closing the knowledge cycle by connecting scientific and societal needs with development of inter- and transdisciplinary knowledge, -application, -dissemination and -evaluation to do valorisation and create impact in both professional practice and science. This is reflected in his research, his teaching as well as his advisory and networking activities, at which he seeks mutual enrichment between these activities. Content-wise he focuses on institutional analysis and design for integrated planning approaches for sustainable (infrastructure) networks. Important strands in his research and publications are: (Environmental) Impact Assessment, evaluation and follow-up, (area-oriented) infrastructure planning, public-private(-people) partnerships, mobility and transport policy.

**Other**

***Language:***

- Dutch excellent, English very good, German passable, French limited.

***Personal profile:***

- Energetic, enthusiastic go-getter; strategic and broadly oriented thinker; practical organizer; critical attitude with regard to quality, has an eye for the human side of things (HRM); customer-oriented and a team player; sensitive to both organization and context with a relevant vision on and outlook towards the future.

***Hobbies:***

- Reading, biking and music (listening and playing: traverse flute and piccolo).

## RESEARCH PROJECTS

Jos has been involved in various research programmes and projects with a total value of some 38mln.€, of which for ca. 10.5 mln.€ he has been directly responsible as principle-investigator (PI), work-package leader or scientific leader. In addition, he has been involved in many advisory projects, projects for developing guidance documents, regulations etc. for the European platform of National Road Authorities (CEDR), national Dutch Government (Rijkswaterstaat, Ministry of Infrastructure & Water Management, Ministry of Interior Affairs & Kingdom Relations); various Provinces (esp. Overijssel, Fryslan, Groningen, Drenthe, Noord-Brabant); the Water Authorities (some 12 across the Netherlands; esp. Noorderzijlvest); Municipalities (Groningen, Eemsdelta); and locally the OV-Bureau Groningen-Assen, Groningen Bereikbaar. *(for a full overview see list of publications, academic & professional activities)*

**Examples Research projects:**

- Sustainable Networks (*Duurzame Netwerken*), strategic cooperation Rijkswaterstaat - RUG on education and research focusing on the sustainable planning of infrastructure networks and the implementation of road, water and energy infrastructure projects. Role lead-founder, programme manager. 2007 -
- NWA-ORC "Floating Future" (Scaling up floating structures as climate-proof space-creating solutions), supervisor PhD, 2023-2028.
- CEDR Scientific Support Activities Working Group on Collaborative Infrastructure Governance for CEDR Working Group/Rijkswaterstaat, research and advice, 2023-2024, 2025 -
- Verkenning Adaptieve planning in het ruimtelijk domein, Exploration of adaptive planning in the spatial sector, research and advice to Ministry of Interior Affairs & Kingdom Relations (BZK), co-initiator, researcher/advisor, 2023-2024.
- PRONTO, Open Strategizing for Infrastructures in Transition, NWO-NGI (Next Generation Infrastructures), supervisor PhD, 2022-2026.
- UN 2023 Water Conference – Understanding and exploiting windows of opportunity for sustainable water governance, disaster risk reduction and resilience, for Ministry of Infrastructure and Water Management, in collaboration with IHE Unesco Delft and Henk Ovink (Special Envoy for International Water Affairs), supervision and member research team, 2022-2023.
- Scale-Up, Scale up of user-centric and data driven solutions for connected urban poles, EU Horizon Europe research project, member scientific board, 2021-2025.
- RuiKwaLab, Spatial Quality for Water Flood Protection Projects, self-organised 'crowd-funding' research programme of University of Groningen and Wageningen University, 12 Water Boards, STOWA, Deltares, Consultancies, CRA, co-initiator, supervisor/researcher, 2020-2024 www.rug.nl/research/ursi/ruikwalab/
- WaL-Reflect, Water as Leverage for Resilient Cities Asia, reflective research commissioned by Henk Ovink (Special Envoy for International Water Affairs), RUG with OECD and Architecture Workroom Brussels, role researcher, 2020-2021.
- SMiLES, Shared connectivity in Mobility and Logistics Enable Sustainability, NWO Sustainable Living Labs project, wp leader, supervisor PhD and a junior researcher, 2019-2024 www.smiles-living-lab.nl
- RITRI, Responsive Infrastructure Through Responsive Institutions, NWO-/NGI (Next Generation Infrastructures), supervisor PhD, 2018-2023.
- RECOMS, Resourceful Communities|, EU-funded NTI Marie Curie research project (incl. RWS), supervisor PhD, 2018-2023.
- Collaborative Planning of Infrastructure and Spatial Development, Transnational research call 2017 CEDR, initiator call, scientific leader, member Program Executive Board (PEB), 2018-2021. www.cedr.eu
- Evaluatie Complexe Projecten Fryslân (Evaluation complex infrastructure projects), evaluation research and study for the Province of Friesland (NL), role initiator, PI and supervisor Postdoc and PhD, 2017-2019.
- Vital Nodes, EU Horizon 2020 funded programme on the integration of urban nodes and multimodal transport corridors with a focus on freight and logistics, initiator of call with EC, role scientific leader / innovation manager, 2017-2019. www.vitalnodes.eu
- Independent Scientific Advisor for Second Opinion to the Second Chamber of the Dutch Parliament for the Policy Assessment of National Budget Article 16 Rail and Public Transport, 2017-2018
- Afstemming beleid en uitvoeringsinstrumentarium NOVI, POVI & MIRT (Coordination of policy and implementation instruments for spatial and infra planning at national and provincial level), research & advisory project for Ministry of Interior Affairs & Kingdom Relations (BZK), role initiator, PI, 2016-2018.
- Fluxnet, Freight & Logistics in a multimodal context, Transnational research programme of CEDR, initiator call and member Program Executive Board, (PEB), 2015-2018. www.cedr.eu
- NUVit, Networking for Urban Vitality, a European research roadmap on the integration of multimodal transport infrastructure with spatial development that is initiated by Rijkswaterstaat (NL), Trafikverket (SE), Ministry of Spatial development (FL), Ministry of Transport NordRhein-Westphalia (DE), role lead founder, project manager, scientific leader. 2014 - http://nuvit.eu/
- TIILUP, Transport Infrastructure Integrated with Land Use Planning (TIILUP), a Roadmap Research Programme FORx4, prepared for FEHRL, Brussels, initiator, project leader, 2011-2013.
- ERANET ROAD II Programme on 'Sustainability and Energy Efficient Management of Roads', scientific advisor, 2011-2014.
- COST 350 action on Integrated Assessment of Environmental Impact of Traffic and Transport Infrastructure, scientific advisor, 2001-2006.

## ACADEMIC AND PROFESSIONAL POSITIONS AND ROLES

Jos Arts has (had) various academic and profession positions which reflects how his transdisciplinary work is valued both within academia and professional practice. The valorisation and impact of his work is shown by being frequently asked as (independent) expert both for academia and for professional practice. A token of his academic relevance is being invited as expert for accreditation of educational or research programmes. Jos is frequently asked as peer reviewer for manuscripts for international academic journals, on EIA, Infrastructure, Transportation, Planning. *(for a full overview see list of publications, academic & professional activities)*

**Examples Academic positions, advisory and reviewing roles:**

- Member Admission Committee PhDs, Graduate School Faculty of Spatial Sciences, 2026 -
- Secretary Stichting ter Bevordering van de Ruimtelijke Wetenschappen, 2025 -
- Chair Board of Examiners for Micro-Credentials, University of Groningen, 2024 -
- Member Appraisal Committee Dutch Research Council (NWO) Vidi SGW 2023, 2023 -
- Member Research School for Transport Infrastructure and Logistics (TRAIL), 2022 -
- Chair Board of Examiners, Faculty of Spatial Sciences, University of Groningen, 2017 -
- Member Editorial Board on "FasTips" (publications translating academic knowledge and professional experience for professional practitioners), International Organisation for Impact Assessment (IAIA), 2019 -
- Appointed as extra-ordinary professor, Unit Environmental Sciences & Management, Potchefstroom Campus, North West University, Potchefstroom, South-Africa, 2019 -
- Member Accreditation Committee 4TechnicalUniversities Civil Engineering Bachelors/Masters (visitatiecommissie 4TU Civiele Techniek Opleidingen, NVAO), 2018
- Member editorial board international journal Impact Assessment & Project Appraisal (IAPA), 2015 -
- Member Accreditation Committee Lid 3TU masters Construction Management & Engineering (visitatiecommissie 3TU masters Construction Management & Engineering, QANU), 2011 - 2012
- Member Editorial Board Journal of Environmental Assessment Policy & Management (JEAPM), 2009 -
- Member Coordination Committee Professors in Planning (Professorenoverleg Planologie, POP), 2008 -
- Fellow Netherlands Graduate School of Urban and Regional Research (Nethur), 2008 -
- Fellow Urban and Regional Studies Institute, Rijksuniversiteit Groningen (URSI), 2007 –
- Member Publication Committee International Organisation for Impact Assessment (IAIA), 2007 – 2012
- 'Individual Award for contribution to Impact Assessment' 2006 for "global promotion of the concept of follow-up and 'on the ground methods' for IA in transport sector", IAIA, 2006.
- Guest editor (together with A. Morrison-Saunders), special issue on impact assessment follow-up *of Impact Assessment and Project Appraisal Journal*, Vol. 23/3, September 2005.
- 'Best Young Planner of the Year', at annual conference of Dutch planners (Stichting Planologische Diskussiedagen), 1994.

**Professional practice positions, advisory and reviewing roles:**

- Expert in advisory group of the Netherlands' Commission for Environmental Assessment about advice on National Programmes 2025 - 2026
- Member Ministerial Advisory Committee on Planning of Infrastructure Projects, for the Minister of Infrastructure & Water Management, 2023 - 2024
- Board Member Hive.Mobility (Innovation centre for smart and green mobility), on behalf of the Board of the University of Groningen, 2022 -
- Member Scientific Advisory Board Topcorridors programme, Ministry of Infra & Water, 2018 - 2026
- Independent Scientific Advisor for Second Opinion to the Second Chamber of the Dutch Parliament for the Policy Assessment of National Budget Article 16 Rail and Public Transport, 2017 - 2018
- Member Advisory Group for National Platform Stakeholder Management ('Raad van Wijze Lieden Landelijk Platform Omgevingsmanagement', POM), 2016 -
- Member Committee Historic Discipline Rijkswaterstaat (Commissie Historische Discipline RWS), 2016 -
- Chair organisation Committee EU Symposium "Networking for Urban Vitality – An integrated approach on Infrastructure and Spatial Planning", 23 June 2016, Amsterdam, 2015 – 2016
- Member Scientific Council of the Estonian Environment Institute (EKKI), 2013 -
- Member Scientific Group Ministry of Infrastructure & Environment (Wetenschapskring I&M), 2013 - 2019
- Member Advisory group on Transport & Traffic for the preparation of the Dutch Environmental Law (Adviesgroep Verkeer & Vervoer, Omgevingswet) 2012 - 2016
- Expert in advisory groups of the Netherlands' Commission for Environmental Assessment, 2008 -
- Member Organisation Committee 22nd Annual Conference of the International Association for Impact Assessment, 15-21 June 2002, The Hague, 2001 – 2002
- Member of the International Association for Impact Assessment (IAIA), 1999 -
- Member of the Dutch Society of Urbanists and Spatial Planners (BNSP), 1998 -
- Board member EIA section, Dutch Society of Environmental Professionals (VVM), 1997 - 2015
- Member of the Dutch Society of Environmental Professionals (VVM), 1997 -
- Member editorial board 'KenMERken', Netherlands' Journal for EIA, 1997 - 2006
- Chief editor EIA Newsletter ('MER-nieuws'), various articles on EIA, 1997 – 2005.

## ACADEMIC PUBLICATIONS

Jos Arts has published widely (>350 publications, of which 180 (inter)national, academic peer-reviewed journal articles, book(chapter)s, peer-reviewed conference papers) in the fields of infrastructure, environmental and spatial planning, evaluation and impact assessment in leading journals (Q1, Q2). According to Google Scholar 6,884 citations (H-index = 44) and according to Scopus citations 2,786 (H-index = 30).
*(For a full overview see list of publications, academic & professional activities)*

**Academic journal publications (Int., NL, peer reviewed):**

- Kask, Õ., T. Tuvikene, L. Sträuli, S. Ramezani, & J. Arts (2026), From mobility experiences to planning priorities: co-creating peri-urban mobility solutions, *Journal of Urban Mobility*, reference 100315, 1-14. DOI: https://doi.org/10.1016/j.urbmob.2026.100315
- Raskeyn, C., M. van den Brink, T. Busscher, J. Arts & W. Leendertse (2026), Similar Networks, Different Spatial Approaches to Climate Adaptation: Comparing Dutch water and road infrastructure practices, *Transport Policy*, 104499, 1-13. DOI: https://doi.org/10.1016/j.tranpol.2026.104499
- Takahashi Margarido, N., P. Hanna, j. Arts & L.E. Sanchez (2026), Enhancing biodiversity and ecosystem services data quality for environmental management: towards a framework to increase transparency in impact assessment follow-up for mines, *Impact Assessment and Project appraisal,* 1-16 DOI: https://doi.org/10.1080/14615517.2026.2752800
- Yip, M.K.F., S. Ramezani, L. Meijering, T. Tillema, J. Arts (2026), Process Justice in Transit-oriented Development in Hong Kong: the case of Kai Tak station development, Cities, 179, 1-15. DOI: https://doi.org/10.1016/j.cities.2026.107472
- Buser, M.A., S. Ramezani, D. Stead & J. Arts (2026), Unpacking integration: Policy Instruments in Planning for Land-Use and Transport Integration, *Journal of Urban Mobility, 10*, 100267, 1-19. DOI: https://doi.org/10.1016/j.urbmob.2026.100267
- Novianingsih, I., Hudalah, D., Woltjer, J., Arts, J., Pradono, P., & Verweij, S. (2026), Bundling Transport Infrastructure Projects to achieve equitable development: A review of governance arrangements across international cases, *Planning Practice & Research*, 1-22. DOI: https://doi.org/10.1080/02697459.2026.2689441
- Satheesh, S, S. Verweij, T. Busscher & J. Arts (2026), Driving collaborative success across phases in public projects: The role of boundary spanning in fostering synergetic momentum, *International Journal of Public Sector Management,* 1-23. DOI: https://doi-org.proxy-ub.rug.nl/10.1108/IJPSM-04-2025-0146
- Kahangirwe, P., F. Vanclay & J. Arts (2026), Using Environmental and Social Impact Assessment to improve tourism infrastructure projects in protected areas: Green tourism in the Kalinzu Central Forest Reserve in Uganda, *Journal of Environmental Planning & Management*, 69(10), 2981-3004. DOI: https://doi.org/10.1080/09640568.2025.2539347
- Kahangirwe, P., F. Vanclay & J. Arts (2026), Strengthening the governance of environmental and social impacts in formal small-scale gold mining operations in Uganda, *Extractive Industries and Society*, **27**, 101941, 1-10. DOI: https://doi.org/10.1016/j.exis.2026.101941
- Yip, M.K.F., S. Ramezani, L. Meijering, T. Tillema, J. Arts (2026), Residential Satisfaction in Transit-Oriented Development: Comparing New and Existing Communities in Kai Tak, Hong Kong, *Transportation Research Interdisciplinary Perspectives*, **37**, 1012007, 1-15. DOI: https://doi.org/10.1016/j.trip.2026.102007
- Novianingsih, I., S., Verweij, J. Arts, J. Woltjer, D. Hudalah & V. Pradono (2026), Geographical Bundling of Transport Projects through Public-Private Partnerships – A case of Bundled Toll Road Projects in Indonesia Infrastructure, *Case Studies on Transport Policy*, **24**, 101798, 1-11. DOI: https://doi.org/10.1016/j.cstp.2026.101798
- den Bakker, M., S. Verweij, J Arts & W. Leendertse (2026), Drivers of public inter-organizational collaboration in area-oriented infrastructure planning: A comparative analysis of four Dutch cases, *Transport Policy*, 104067, 1-13. DOI: https://doi.org/10.1016/j.tranpol.2026.104067
- Baartmans, M., T. Busscher, S. Verweij & J. Arts (2026), Shaping Inclusion and Exclusion: Habitual responses of project managers in early stakeholder engagement, *Project Management Journal*, 1-14. DOI: https://doi.org/10.1177/87569728261416375
- Faith-Ell, C., H. Kalle & J. Arts (2026), Environmental Assessment in Estonia – A quest for an effective EA system, *Environmental Impact Assessment Review,* **117***,* 108230, 1-16. DOI: https://doi.org/10.1016/j.eiar.2025.108230
- Baartmans, M., T. Busscher, S. Verweij & J. Arts (2025), Open strategizing by public organizations: A qualitative comparative analysis of recent practices in Dutch infrastructure planning, *Journal of Organizational Effectiveness: People and Performance*, **12**(2), 206-225. JOEPP-03-2024-0134. DOI: https://doi.org/10.1108/JOEPP-03-2024-0134
- Buser, M.A., S. Ramezani, D. Stead & J. Arts (2025), Policy Packaging for Land-use and Transport Planning: The State-of-the-Art, *Transport Reviews* **45**(3), 333-365. DOI: https://doi.org/10.1080/01441647.2025.2462037
- Margarido, N.T., P. Hanna, J. Arts, L. Ribeiro Souza & L.E. Sanchez (2025), Biodiversity monitoring in Impact Assessment follow-up – insights from a large-scale mine in the Brazilian Amazon rainforest, *Environmental Management*, **75**, 2554–2570. DOI: https://doi.org/10.1007/s00267-025-02246-7
- Rădulescu, M.A., W. Leendertse & J. Arts (2025), Co-creation in spatial planning: Analysing the different forms and natures of interactions between multiple actors. *European Planning Studies*, **33**(5), 699-720 DOI: https://doi.org/10.1080/09654313.2025.2490121

- Restemeyer, B., R. Rijnks, M. van den Brink & J. Arts (2025), Selecting policy instrument mixes for spatial quality: insights from Dutch in flood risk management, *International Journal of Water Resources Development,* **42**(1), 47-71. DOI: https://doi.org/10.1080/07900627.2025.2551097
- Rongen, T., S. Lenferink, T. Tillema & J. Arts (2025), How to ensure sufficient access to public transport in rural areas? A comparative analysis of institutional designs for multimodal integration, *Travel Behaviour & Society*, 41(2025), 101096, 1-13. DOI: https://doi.org/10.1016/j.tbs.2025.101096
- Rongen, T., S. Lenferink, T. Tillema & J. Arts (2025), Examining network governance of multimodal integration: a comparative study of rural mobility hubs in The Netherlands, *Case Studies on Transport Policy*, 21(2025), 101525, 1-16. DOI: https://doi.org/10.1016/j.cstp.2025.101525
- de Groot, B., W. Leendertse & J. Arts (2024), Collective learning in project-oriented organisations in infrastructure planning: interaction for adaptation, *Public Works Management & Policy*, **29**(3), 415-445. DOI: https://doi.org/10.1177/1087724X231200816.
- Hilbers, A.M., F. Sijtsma, T. Busscher & J. Arts (2024), Size matters! Using Conjoint Analysis to uncover public preferences for design optimisation in road infrastructure EIAs, *Environmental Impact Assessment Review,* **104,** 2024, 107349, 1-23. DOI: https://doi.org/10.1016/j.eiar.2023.107349
- Hilbers, A.M., F. Sijtsma, T. Busscher & J. Arts (2024), Limits to participation in spatial planning: which choices do residents make when their valued landscapes are under pressure? *Land Use Policy*, **138**, 106997, 1-18. DOI: https://doi.org/10.1016/j.landusepol.2023.106997
- Kusters, J., F. Van Kann, C. Zuidema & J. Arts (2024), SEAs for seas: Strategic Environmental Assessment for more strategic and environmentally-oriented Marine Spatial Planning processes, *Environmental Science and Policy,* **162**, 103920, 1-12. DOI: https://doi.org/10.1016/j.envsci.2024.103920
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## PROFESSIONAL PRACTICE PUBLICATIONS, DISSEMINATION, VALORISATION AND IMPACT

Jos Arts has published numerous *professional practice* publications (>150) with many professionals from academia (from multiple disciplines, interdisciplinary) as well as practice (transdisciplinary) which comprise: evaluation reports, advisory reports, guidance reports, policy documents, regulations, regulatory documents. This transdisciplinary work connecting practice and (multidisciplinary) research has resulted in various (inter)national high-level policy publications regarding EIA follow-up, EIA, integrated planning of infrastructure and spatial development, area-oriented and life-cycle planning approaches, Public-Private Partnerships, and the (Dutch) infrastructure planning system. Jos focuses on creating direct *impact on professional practice* at the interface of theory and practice, of policy and implementation, and of academia and society. His boundary spanning work as *pracademic* is reflected in his long-standing career with parallel positions both within the University of Groningen and within Rijkswaterstaat.
*(For a full overview see list of publications, academic & professional activities)*

### High-level guidance, policy advisory and research reports/books (NL / Int)

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## TEACHING

In his teaching Jos Arts focuses on infrastructure planning (transport, logistics), sustainable planning approaches, (Environmental) Impact Assessment, and planning- and -evaluation methods. At this he centres on the interfaces between the physical-spatial and the institutional world, between theory and practice and policy and implementation, thereby employing to his professional practice experience and academic research. Accordingly, in his MSc-/BSc-courses much attention is given to guest lectures, excursions, comparative analysis, evaluation of and reflection on (planning) practices, team work, and advice for practice. He has newly developed and revised various courses on infrastructure planning and on environmental planning infrastructure, on planning and evaluation methods. He has been involved from the start of the EIP MSc-programme (the first international (English) planning education in the Netherlands). He has supervised over 150 students for their BSc- or MSc-thesis (mostly MSc-level), and over 35 PhD-researchers' thesis (of which 27 successfully completed).
*(For a full overview see list of publications, academic & professional activities)*

**Development, coordination and lecturing of MSc-courses, BSc-courses:**
- Impact Assessment & Policy Evaluation
  (MSc Environmental & Infrastructure Planning / Socio-Spatial Planning, RUG) 2021 -
- Fieldwork Water Quality (MSc Environmental & Infrastructure Planning, RUG), 2018 -
- Dilemmas in Infrastructure (MSc Environmental & Infrastructure Planning, RUG), 2010 -
- Environmental Planning course, (MSc Environmental & Infrastructure Planning, RUG), 2007 - 2010
- Infrastructure Planning course, (MSc Environmental & Infrastructure Planning, RUG), 2007 - 2010
- Environmental & Infrastructure Planning (MSc Environmental & Infrastructure Planning, RUG), 2004 - 2006
- MSc-course Master Thesis (MSc Environmental & Infrastructure Planning / Socio-Spatial Planning), 2004 -
- BSc-course Introduction to Academic Research (BSc Spatial Planning & Design, RUG), 2019 -
- BSc-course Bachelor Project (BSc Spatial Planning & Design, RUG), 2017-2018, 2024 -

**Guest lectures at FSS, RUG:**
on such issues evaluation methods, impact assessment, infrastructure planning for:
- BSc courses of Spatial Planning & Design ('Technische Planologie'; e.g., Comparative Urbanism)
- BSc courses of Human Geography & Planning ('Sociale Geografie & Planologie'; e.g. Groundbreaking Ideas)
- MSc courses of Environmental & Infrastructure Planning (e.g. Planning Methods for Smart Governance)
- MSc courses of SocioSpatial Planning ('Sociale Planologie', e.g. on process design)
- MSc courses of Economic Geography: Transport Geography, and Infrastructure Economy & Space).

**Supervision of finished PhD-Research:**
- Yip, Marquis (PhD at RUG), FSS call PhDs 2021: "Inclusive mobility and accessibility", Supervisors: Prof.dr.ir. T. Tillema, Prof.dr. L. Meijering, prof.dr. J. Arts & daily/co-supervisor dr. S. Ramezani – approved by examiners, PhD defence planned 7 January 2027.
- Novianingsih, Intan (2026, DD Degree RUG- ITB) *Geographical bundling for equitable transport infrastructure development – From infrastructure delivery mechanism to institutional design*. Supervisors: prof.dr. J. Woltjer (RUG), prof.dr. J. Arts (RUG), prof.dr. Delik Hudalah (ITB Bandung), prof.dr. V. Pradono (ITB Bandung), PhD-defence 5 November 2026.
- Takahashi Margarido, Natália (2026, DD Degree RUG - University of Sao Paolo, Brazil), *Data quality in impact assessment follow-up – Advancing biodiversity and ecosystem-services management across mineral value chains*, (co-)supervisors: Prof.dr. Luis Sanchez (University of Sao Paolo), prof.dr. Jos Arts (RUG), dr. Philippe Hanna (RUG), PhD-defence 4 November 2026, Groningen.
- Kahangirwe , Pius (2026, external PhD, Consultant in Uganda), *From Regulatory Hurdle to Development Tool: Strengthening Environmental and Social Impact Assessment in Infrastructure Planning in Uganda*, The role of Environmental and Social Impact Assessment in infrastructure development projects in Uganda: Theory, Practice and Potential for Improvement", supervisors: prof.dr Frank Vanclay (RUG) & prof.dr. Jos Arts (RUG), PhD-defence 12 October 2026, Groningen.
- Rongen, T. (2026, PhD at RuG, NWO SMiLES project), *Networking rural accessibility – A governance perspective on multimodal transport and integrated hubs in rural areas*, supervisors prof.dr.ir. T. Tillema (RUG), prof.dr. J. Arts (RUG), dr. S. Lenferink (Radboud University Nijmegen). PhD-defence 26 February 2026.
- Satheesh, Shreya A. (2026, RWS-RUG collaboration), *Boundary Spanners in Action – Enhancing Public-Private Collaboration in Public Infrastructure Projects*, PhD at RuG, RWS-funding), (co-)supervisors prof.dr. J. Arts (RUG), dr. T. Busscher (RUG) dr. S. Verweij (RUG). PhD-defence19 January 2026.
- Hardcastle, Paul (2025, external PhD North-West University, Potchefstroom, SA), *A critical evaluation of environmental assessment tiering in South Africa*, supervisors: prof.dr. F. Retief (North-West University, SA) & prof.dr. J. Arts (University of Groningen / North-West University, SA), PhD examination March 2025, PhD-Graduation 30 July 2025, North-West University, Potchefstroom, South Africa.
- Neef, M. Robin (2025, PhD at RuG, NWO/NGI - RITRI "Responsive Infrastructures through Responsive Institutions"), *Towards the planning of infrastructure renewal: An analysis of futures and institutions for network-of-networks*, (co-)supervisors prof.dr. J. Arts (RUG), dr. T. Busscher (RUG), dr. S. Verweij (RUG), PhD defence 23 January 2025.

- Hilbers, Anne Marel (2024, RWS-RUG collaboration), *Citizens' values and tough trade-off choices in road infrastructure planning – Developing tools and methods to enrich intelligence and improve context-sensitive road infrastructure design*, (co-)supervisors prof.dr. J. Arts (RUG), dr. F. Sijtsma (RUG), dr. T. Busscher (RUG), PhD-Defence 30 May 2024.
- de Groot, Bert (2023, part-time PhD at RUG, advisor at RWS), *Learning to become adaptive – How hubs facilitate collective learning in project-oriented organisations in infrastructure planning*, supervisors prof.dr.ir W. Leendertse (RUG) & prof.dr. J. Arts (RUG), PhD defence 17 April 2023.
- Spijkerboer, Rozanne C. 2022, (PhD, RWS-RUG-collaboration), *Institutional harmonization for energy transition - How actors 'play the game' of balancing renewable energy generation with other sea- and land-use*, (co-) supervisors prof.dr. J. Arts (RUG), prof.dr. C. Zuidema (RUG), dr. T. Busscher (RUG), PhD Defence 28 April 2022.
- Laeni, Naïm (2021, PhD at RUG), *Planning for inclusive flood resilience in Southeast Asia: A critical perspective on policy translation, institutional capacity building and transformation*, (co-)supervisors prof.dr. J. Arts (RUG) & dr. M. v.d. Brink (RUG). PhD Defence 6 December 2021.
  *Awarded with the Best Thesis Award from the Thailand National Research Council*.
- Veenma, Klaas (2021 part-time PhD at RUG, Province Overijssel), *Ruimte voor Onzekerheid – Interactie tussen actoren in de dynamiek van infrastructuurplanning*, supervisors prof.dr.ir W. Leendertse (RUG) & prof.dr. J. Arts (RUG). PhD Defence 21 October 2021.
- Geet, Marijn T. van (2021, PhD RWS-RUG collaboration), *Policy Design and infrastructure Planning – Finding tools to promote land use transport integration*, (co-)supervisors prof.dr. J. Arts (RUG), prof.dr.ir W. Leendertse (RUG), dr. T. Busscher (RUG), dr. S. Lenferink (Radboud University Nijmegen). PhD Defence 26 August 2021.
- Mottee, Lara K. (2020, DD PhD at RUG & Macquarie University, Australia), *The Assessment and Management of Social Impacts in Urban Transport Infrastructure Projects – Exploring relationships between urban governance, project management and impact assessment practices in different geographical contexts*, (co-)supervisors prof. dr. F. Vanclay (RUG), prof.dr. J. Arts (RUG), prof.dr. R. Howitt (Macquarie University), dr. F. Miller (Macquarie University), PhD Defence 8 December 2020.
- Lee, Juhyun (2020, RuG, ex-ADB), *Enhancing social outcomes from mega urban transport development: an integrated approach to transport and spatial planning*, supervisors: prof.dr. J. Arts (RUG) & prof.dr. F. Vanclay (RUG), PhD Defence 27 October 2020.
- Gulakov, Ilya (2020, part-time PhD also working for Rambol Consultant Company in Russia), *Civil Society and Project Development in Russia – The status and potential of Social Impact Assessment,* supervisors prof dr. F. Vanclay (RUG) & prof.dr. J. Arts (RUG). PhD Defence 8 September 2020.
- Darmoyono, Laksmi L.T.D.J.W.W. (2019, PhD RUG), *Value capturing for regional road development – A responsive institutional design approach for Indonesia*, supervisors: prof.dr. J. Woltjer (Westminster University/RUG) & prof.dr. J. Arts (RUG), PhD Defence 28 January 2019.
- Willems, Jannes J. (2018, PhD RUG, RWS-funding), *Navigating waterway renewal. Actor-centred institutional perspectives on the planning of ageing waterways in the Netherlands*, (co-)supervisors prof.dr. J. Arts (RUG) & prof.dr. J. Wolter (University of Westminster/RUG), dr. T. Busscher (RUG), PhD Defence 13 September 2018.
- Hamersma, Marije (2017, PhD RWS-RUG collaboration), *Living near Highways – The impact of existing and planned highway infrastructure on residential satisfaction*, (co-)supervisors prof.dr. J. Arts (RUG), dr.ir. T. Tillema (RUG), dr. E. Heinen (University of Leeds), PhD Defence 16 March 2017.
- Hijdra, Arjan (2017, part-time PhD at RUG, advisor at RWS), *Waterways – Ways of Value; Planning for redevelopment of an ageing system in modern society*, supervisors: prof.dr. J. Arts (RUG) & prof. dr. J. Woltjer (Westminster University / RUG), PhD Defence 16 February 2017.
- Heeres, Niels (2017, PhD RWS-RU collaboration) *Towards Area-oriented Infrastructure Planning – National road network development in a local spatial context*, (co-)supervisors prof.dr. J. Arts (RUG) & dr.ir. T. Tillema (RUG), PhD Defence 9 February 2017.
- Hanna de Almeida Oliviera, Philippe (2016, PhD at RUG), *The Social Impacts of Large Projects on Indigenous Peoples – Procedures, processes and protests*, supervisors: prof.dr. F. Vanclay (RUG), prof.dr. E.J. Langdon (University of Catarina, Brazil) & prof.dr. J. Arts (RUG), PhD Defence 9 June 2016.
- Leendertse, Wim L. (2015, part-time at RUG, projectmanager at RWS), *Publiek-Private Interactie in Infrastructuur Netwerken – Een zoektocht naar waardevolle marktbetrokkenheid in het beheer en de ontwikkeling van publieke infrastructuurnetwerken*, Supervisors: prof.dr. J. Arts (RUG) & prof.dr.ir. H. de Ridder (Technical University Delft), University of Groningen, Groningen, PhD Defence 30 April 2015.
- Busscher, Tim (2014, PhD RWS-RUG collaboration), *A Programme-oriented Planning Approach – Linking strategies and projects for adaptive infrastructure planning*, (co-)supervisors prof.dr. J. Arts (RUG) & dr.ir. T. Tillema (RUG), PhD Defence 19 June 2014.
- Lenferink, Sander (2013, PhD RWS-RUG collaboration), *Market Involvement throughout the Planning Life-cycle - Public and private experiences with evolving approaches integrating the road infrastructure planning process*,. (co-) supervisor prof.dr. J. Arts (RUG) & dr.ir. T. Tillema (RUG), PhD Defence 15 June 2013.
- Verhees, Frits (2013, part-time PhD, working at Heijmans Construction Company), *Publiek-private Samenwerking – Adaptieve planning in theorie en praktijk (Public-private Partnerships – Adaptive planning in theory and practice)*,. Supervisors: prof.dr. G. de Roo (RUG), prof.dr. J. Arts (RUG), PhD Defence 25 April 2013.
- van der Meulen, Tom (2012, part-Time PhD, working as lecturer at RUG), *Planning tegen Beter Weten in – Rationele planning opnieuw bezocht – een Popperiaans perspectief (Planning while Knowing Better – Rational planning revisted, a Popperian perspective)*. Supervisors: prof.dr. J. Arts (RUG), prof.dr. Th. Kuipers (RUG), prof.dr. G. de Roo (RUG), PhD Defence 19 April 2012.