

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

Personal details

Name: Arts, Eric Joseph Maria Mathieu (Jos)
Marital status: Married
Phone number: ++31 6 14848585
Email: jos.arts@rug.nl
Webpage: <https://www.rug.nl/staff/jos.arts/>
Orcid: <https://orcid.org/0000-0002-6896-3992>
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.

- 2019 - - **North West University (Potchefstroom, South-Africa)**
- *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.

- 2014 - 2016 - **Applied University Utrecht / Saxion Applied University**
- *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

- 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' Twee of meer, 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 Courses, training at University Groningen, PhD training programme Nethur, Planologienetwerk Summer Schools of AESOP.
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 Specialisation: Environmental and Infrastructure planning ('Technical Planning')
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, Fryslân, Groningen, Drenthe, Noord-Brabant); the Water Authorities (some 12 across the Netherlands; esp. Noorderzijlvest); Municipalities (Groningen, Eemdelta); and locally the OV-Bureau Groningen-Assen, Groningen Bereikbaar. *(for a full overview see list of publications, academic & professional activities)*

Examples Research projects:

1. 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 -
2. NWA-ORC "Floating Future" (Scaling up floating structures as climate-proof space-creating solutions), supervisor PhD, 2023-2028.
3. CEDR Scientific Support Activities Working Group on Collaborative Infrastructure Governance for CEDR Working Group/Rijkswaterstaat, research and advice, 2023-2024, 2025 -
4. 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.
5. PRONTO, Open Strategizing for Infrastructures in Transition, NWO-NGI (Next Generation Infrastructures), supervisor PhD, 2022-2026.
6. 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.
7. 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.
8. 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/
9. 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.
10. 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
11. RITRI, Responsive Infrastructure Through Responsive Institutions, NWO-NGI (Next Generation Infrastructures), supervisor PhD, 2018-2023.
12. RECOMS, Resourceful Communities, EU-funded NTI Marie Curie research project (incl. RWS), supervisor PhD, 2018-2023.
13. 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
14. 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.
15. 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
16. 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
17. 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.
18. 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
19. 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/>
20. TIILUP, Transport Infrastructure Integrated with Land Use Planning (TIILUP), a Roadmap Research Programme FORx4, prepared for FEHRL, Brussels, initiator, project leader, 2011-2013.
21. ERANET ROAD II Programme on 'Sustainability and Energy Efficient Management of Roads', scientific advisor, 2011-2014.
22. 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 -
- 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 6,863 citations (H-index = 43) and according to Scopus citations 2,775 (H-index = 30).

(For a full overview see list of publications, academic & professional activities)

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

- Yip, M.K.F., S. Ramezani, L. Meijering, T. Tillemma, J. Arts (2026), Process Justice in Transit-oriented Development (TOD) in Hong Kong: the case of Kai Tak station development, *Cities*.
- 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. Tillemma, 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. Tillemma & 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. Tillemma & 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>
- Lee, J., J. Arts & F. Vanclay (2024), Investigating institutional barriers and opportunities to an integrated approach for transport and spatial development: Mega urban transport development in a rapidly developing city, Seoul, *Journal of Urban Affairs*, **46**(1), 40-62. DOI: <https://doi.org/10.1080/07352166.2021.2021086>
- Morrison-Saunders, A., J. Arts, A. Nykiel, B. Muir, R. Morgan, P. Fitzpatrick, C. O'Faircheallaigh, A. Fonseca, C. Faith-Ell, A. González, J.A. Wessels, G. Geißler, L. Sánchez, U. Jha-Thakur, W. Ross & J. Glasson (2024), Developing International Guidance to Make Impact Assessment Follow-up Happen – Reflections on an interactive design process, *Impact assessment and Project Appraisal*, **42**(5), 470-481. DOI: <https://doi.org/10.1080/14615517.2024.2421031>
- Restemeyer, B., M. van den Brink & J. Arts (2024), A policy instruments palette for spatial quality: lessons from Dutch flood risk management, *Journal of Environmental Policy and Planning*, **26**(3), 249-263. DOI: <https://doi.org/10.1080/1523908X.2024.2328072>
- Satheesh, S., S. Verweij, T. Busscher & J. Arts (2024), Drivers of innovation in infrastructure development projects: A configurational analysis of boundary spanning roles, *International Journal of Project Management*, **42**(5), 2024, 102620. 1-12. DOI: <https://doi.org/10.1016/j.ijproman.2024.102620>
- Satheesh, S., S. Verweij, I. van Meerkerk, T. Busscher & J. Arts (2024), Enabling boundary spanners in public-private collaboration: The impact of organizational support on role stress, *Public Administration*, **102**(2), 405-424. DOI: <https://doi.org/10.1111/padm.12927>
- Yip, M.K.F., S. Ramezani, L. Meijering, T. Tillema & J. Arts (2024), Conceptualising justice in Transit-Oriented Development (TOD): Towards an analytical framework, *Transport Reviews*, **44**(5), 944-971. DOI: <https://doi.org/10.1080/01441647.2024.2346761>
- Arts, J. & H. de Vries (2023), Don't Shoot the Messenger – Reflections on streamlining and simplification of Environmental Assessment in the Netherlands, *Impact Assessment and Project Appraisal*, **41**(3), 238-243. DOI: <https://doi.org/10.1080/14615517.2023.2204286>
- Baartmans, M., T. Busscher & J. Arts (2023), Open strategie? De overheid moet het echt zelf doen – Een analyse van Nederlandse infrastructuurprojecten in hun vroege, strategische fase, *Bestuurskunde*, **32**(4), 34-41. DOI: <https://doi.org/10.5553/Bk/092733872023032004004>
https://www.boomportaal.nl/tijdschrift/Bk/Bk_0927-3387_2023_032_004_004
- Morrison-Saunders, A., J. Arts, J. Pope, A. Bond, & F. Retief (2023), Distilling Best Practice Principles for Public Participation in Impact Assessment Follow-Up, *Impact Assessment and Project Appraisal*, **41**(1), 48-58. DOI: <https://doi.org/10.1080/14615517.2022.2119527>
- Rădulescu, M.A., W. Leendertse & J. Arts (2023), How can co-creation support capacity building for adaptive spatial planning? Exploring evidence from a co-creative planning process in the Netherlands, *Planning Theory and Practice*, **24**(5), 639-662. <https://doi.org/10.1080/14649357.2023.2288203>
- Rongen, T., S. Lenferink, T. Tillema & J. Arts (2023) The peripheral mobility hub as a multi-sided platform? Applying a Fuzzy Delphi to identify promising stakeholder interactions, *Research in Transportation Business & Management*, **47**, 2023, 100953, 1-11. DOI: <https://doi.org/10.1016/j.rtbm.2023.100953>
- Satheesh, S., S. Verweij, I. van Meerkerk, T. Busscher & J. Arts (2023), The Impact of Boundary Spanning by Public Managers on Infrastructure Project Performance, *Public Performance and Management Review*, **46**(2), 418-444. DOI: <https://doi.org/10.1080/15309576.2022.2137212>
- Veenma, K. W. Leendertse & J. Arts (2023), Room for uncertainty in infrastructure planning: How continuous certainification by decision makers results in more uncertainty, *Transactions of AESOP*, **7**(1), 36-44. DOI: <https://doi.org/10.24306/TrAESOP.2023.01.004>
- Alberts, R.C., Retief, F.P., Arts, J., Cilliers, D.P. Roos, C. and Fischer, T (2022), EIA decision-making and administrative justice: The substance of just decisions, *Impact Assessment and Project Appraisal*, **40**(4), 296-304. DOI: <https://doi.org/10.1080/14615517.2022.2066445>
- Alberts, R., F. Retief, C. Roos, D. Cilliers, T. Fischer & J. Arts (2022), EIA decision-making and administrative justice: an empirical analysis, *Journal of Environmental Planning & Management*, **65**(10), 1914-1931. DOI: <https://doi.org/10.1080/09640568.2021.1952857>
- de Groot, B., W. Leendertse & J. Arts (2022), Co-evolution of organisations in infrastructure planning: The role of communities of practice as windows for collective learning across project-oriented organisations, *Administration & Society*, **54**(7), 1328-1356. DOI: <https://doi.org/10.1177/00953997221100379>
- de Groot, B., W. Leendertse & J. Arts (2022), Learning across teams in project-oriented organisations – the role of programme management, *The Learning Organization*, **29**(1), 6-20. DOI: <https://doi.org/10.1108/TLO-06-2020-0118>
- Hilbers, A.M., F. Sijtsma, T. Busscher & J. Arts (2022), Identifying Citizens' Place Values for Integrated Planning of Road Infrastructure Projects. *Tijdschrift voor Economische en Sociale Geografie*, **113**(1), 35-56. DOI: <https://doi.org/10.1111/tesg.12487>

- Neef, R., T. Busscher, S. Verweij & J. Arts (2022), Mapping institutional change: Analysing strategies for institutional design in collective infrastructure renewal, *European Policy Analysis*, **8**(4), 416-438.
DOI: <https://doi.org/10.1002/epa2.1161>
- Neef, R., T. Busscher, S. Verweij & J. Arts (2022), How rule directions influence actors to achieve collective action: An analysis of Dutch collective infrastructure decision-making, *European Planning Studies*, **31**(8), 1612-1633.
DOI: <https://doi.org/10.1080/09654313.2022.2085030>
- Oukes, C., W. Leendertse & J. Arts (2022), Enhancing the use of flood resilient spatial planning in Dutch water management – A study of barriers and opportunities in practice, *Planning Theory & Practice*, **23**(2), 212-232.
DOI: <https://doi.org/10.1080/14649357.2022.2034921>
- Rongen, T., T. Tillema, J. Arts, M.J. Alonso-González & J.J. Witte (2022), An analysis of the mobility hub concept in The Netherlands: historical lessons for its implementation, *Journal of Transport Geography*, **104**, 2022, 103419, 1-12. DOI: <https://doi.org/10.1016/j.jtrangeo.2022.103419>
- van Geet, M., S. Lenferink, T. Busscher & J. Arts (2021), Finding the right tools for the job: instrument mixes for land use transport integration in the Netherlands, *Journal of Transport and Land Use*, **14**(1), 125-149.
DOI: <https://doi.org/10.5198/jtlu.2021.1710>
- van Geet, M., S. Verweij, T. Busscher & J. Arts (2021), The Importance of Policy Design Fit for Effectiveness: A Qualitative Comparative Analysis of Policy Integration in Regional Transport Planning, *Policy Sciences*, **54**, 629-662. DOI: <https://doi.org/10.1007/s11077-021-09429-z>
- Laeni, N., M. van den Brink & J. Arts (2021), Institutional Conditions for Inclusive, Flood Resilient Urban Deltas: A Comparative Institutional Analysis of Two International Resilience Programs in Southeast Asia. *Water*, **13**(18), 2478, 1-22. DOI: <https://doi.org/10.3390/w13182478>
- Lee, J., J. Arts & F. Vanclay (2021), Stakeholder views about Land Use and Transport Integration in a rapidly-growing megacity: Social outcomes and integrated planning issues in Seoul, *Sustainable Cities and Society*, **67**, 2021, 102759, 1-10. DOI: <https://doi.org/10.1016/j.scs.2021.102759>
- Morrison-Saunders, A., J. Arts, A. Bond, J. Pope & F. Retief (2021), Reflecting on, and revising, international best practice principles for EIA follow-up, *Environmental Impact Assessment Review*, **89**, 2021, 106596, 1-10.
DOI: <https://doi.org/10.1016/j.eiar.2021.106596>
- Spijkerboer, R., C. Zuidema, T. Busscher & J. Arts (2021), Unravelling institutional work patterns: Planning offshore wind farms in contested space. *Journal of Environmental Innovation and Societal Transitions*, **40**, 249-261.
DOI: <https://doi.org/10.1016/j.eist.2021.08.002>
- de Groot, B., W. Leendertse & J. Arts (2020), Building Adaptive Capacity through Learning in Project-oriented Organizations in Infrastructure Planning, *Urban Planning*, **5**(1), 33-45. DOI: <https://doi.org/10.17645/up.v5i1.2523>
- Gulakov, I., F. Vanclay & J. Arts (2020), Modifying social impact assessment to enhance the effectiveness of company social investment strategies in contributing to local community development, *Impact Assessment and Project Appraisal*, **38**(5), 382-296. DOI: <https://doi.org/10.1080/14615517.2020.1765302>
- Gulakov, I., F. Vanclay & J. Arts (2020), Challenges in meeting international standards in undertaking Social Impact Assessment in Russia, *Environmental Impact Assessment Review*, **83**, 2020, 106410, 1-8.
DOI: <https://doi.org/10.1016/j.eiar.2020.106410>
- Laeni, N., M. van den Brink, T. Busscher, H. Ovink and J. Arts (2020), Building Local Institutional Capacities for Urban Flood Adaptation: Lessons from the Water as Leverage program in Semarang, Indonesia, *Sustainability*, **12**(23), 10104, 1-22. DOI: <https://doi.org/10.3390/su122310104>
- Laeni, N., E.M. Trell, M. van den Brink & J. Arts (2020), Going Dutch in the Mekong Delta: A framing perspective on water policy translation, *Journal of Environmental Policy and Planning*, **21**(1), 39-57.
DOI: <https://doi.org/10.1080/1523908X.2020.1792858>
- Rădulescu, M., W. Leendertse & J. Arts (2020), Conditions for Co-Creation in Infrastructure Projects: Experiences from the Overdiepse Polder Project (The Netherlands), *Sustainability*, Special Issue – Planning Resilient Community: Public Participation and Governance, **12**(18), 7736, 1-21.
DOI: <https://doi.org/10.3390/su12187736>
- Lee, J., J. Arts, F. Vanclay & J. Ward, (2020). Examining the Social Outcomes from Urban Transport Infrastructure: Long-Term Consequences of Spatial Changes and Varied Interests at Multiple Levels. *Sustainability* 2020, **12**(15), 5907, 1-21. DOI: <https://doi.org/10.3390/su12155907>
- Mottee, L., J. Arts, F. Vanclay, F. Miller & R. Howitt (2020), Metro infrastructure planning in Amsterdam: how are social issues managed in the absence of environmental and social impact assessment?, *Impact Assessment and Project Appraisal*, **38**(4), 320-335. DOI: <https://doi.org/10.1080/14615517.2020.1741918>
- Mottee, L., J. Arts, F. Vanclay, F. Miller & R. Howitt (2020), Reflecting on How Social Impacts are Considered in Transport Infrastructure Project Planning: Looking beyond the Claimed Success of Sydney's South West Rail Link, *Urban Policy and Research*, **38**(3), 185-198. DOI: <https://doi.org/10.1080/08111146.2020.1730787>
- Mottee, L., J. Arts, F. Vanclay, R. Howitt & F. Miller (2020), Limitations of Technical Approaches to Transport Planning Practice in Two Cases: Social Issues as a Critical Component of Urban Projects, *Planning Theory & Practice*, **21**(1), 39-57. DOI: <https://doi.org/10.1080/14649357.2019.1696980>
- Neef, R., S. Verweij, T. Busscher & J. Arts (2020), A Common Ground? Constructing and Exploring Scenarios for Infrastructure Network-of-Networks, *Futures*, **124**, 2020, 102649, 1-22.
DOI: <https://doi.org/10.1016/j.futures.2020.102649>
- Spijkerboer, R., C. Zuidema, T. Busscher & J. Arts (2020). The performance of marine spatial planning in coordinating offshore wind energy with other sea-uses: the case of the Dutch North Sea, *Marine Policy*, **115** 2020, 103860, 1-10. DOI: <https://doi.org/10.1016/j.marpol.2020.103860>

- Busscher, T., C. Zuidema, T. Tillema & J. Arts (2019), Learning in the face of change: The Dutch National Collaboration Programme on Air Quality, *Environment & Planning C: Politics and Space*, **37**(5), 929-945. DOI: <https://doi.org/10.1177/0263774X18804227>
- van Geet, M.T., S. Lenferink, J. Arts & Leendertse, W. (2019), Understanding the ongoing struggle for land use and transport integration: Institutional incongruence in the Dutch national planning process, *Transport Policy*, **73**, 84-100. DOI: <https://doi.org/10.1016/j.tranpol.2018.11.001>
- Hilbers, A.M., F. Sijtsma, T. Busscher & J. Arts (2019), Understanding Added Value in Integrated Transport Planning: Exploring the Framework of Intelligence, Design and Choice, *Journal of Environmental Assessment Policy and Management*, **21**(3), 2019, 1-27. DOI: <https://doi.org/10.1142/S146433321950011X> <https://www.jstor.org/stable/26842612>
- Laeni, N., M. van den Brink & J. Arts (2019), Is Bangkok becoming more resilient to flooding? A framing analysis of Bangkok's flood resilience policy combining insights from both insiders and outsiders, *Cities*, **90**, 157-167. DOI: <https://doi.org/10.1016/j.cities.2019.02.002>
- Spijkerboer, R.C., C. Zuidema, T. Busscher & J. Arts (2019), Institutional harmonization for spatial integration of renewable energy: Developing an analytical approach. *Journal of Cleaner Production*, **209**, 2019, 1593-1603. DOI: <https://doi.org/10.1016/j.jclepro.2018.11.008>
- Hamersma, M., J. Arts, E. Heinen & T. Tillema (2018), Wonen nabij Snelwegen: Lessen voor snelwegenplanning op basis van een bewonersperspectief, *Vervoerswetenschap*, **54**/1, 1-17. <https://vervoerswetenschap.nl/wonen-nabij-snelwegen-lessen-voor-snelwegenplanning-op-basis-van-een-bewonersperspectief/>
- Heeres, N., T. Tillema & J. Arts (2018), The changing role of decision support instruments in integrated infrastructure planning: Lessons from the Sustainability Check, *Journal of Transportation Planning and Technology*, **41**(7), 679-705. DOI: <https://doi.org/10.1080/03081060.2018.1488933>
- Hijdra, A., J. Woltjer & J. Arts (2018), Dutch and American waterway development: identification and classification of tools for value creation, *International Planning Studies*, **23**(3), 278-291. DOI: <https://doi.org/10.1080/13563475.2018.1439732>
- Willems, J.J., T. Busscher, J. Woltjer & J. Arts (2018), Co-creating societal value through renewing waterway networks: a transaction-cost perspective, *Journal of Transport Geography*, **69**, 26-35. DOI: <https://doi.org/10.1016/j.jtrangeo.2018.04.011>
- Willems, J.J., T. Busscher, J. Woltjer & J. Arts (2018), Planning for waterway renewal: balancing between institutional reproduction and institutional change, *Planning Theory & Practice*, **19**(5), 678-697. DOI: [10.1080/14649357.2018.1542504](https://doi.org/10.1080/14649357.2018.1542504)
- Hamersma, M., Heinen, E., Tillema, T. & Arts, J. (2017), Understanding a resident's satisfaction with involvement in a highway planning process, *Journal of Environmental Planning and Management*, **61**(7), 1224-1249. DOI: <https://doi.org/10.1080/09640568.2017.1339592>
- Hamersma, M., E. Heinen, T. Tillema & J. Arts (2017), New highway development in the Netherlands: A residents' perspective, *Transportation Research. Part D: Transport and Environment*, **51**, 326-339. DOI: <https://doi.org/10.1016/j.trd.2017.01.006>
- Hamersma, M., Heinen, E., Tillema, T. & Arts, J. (2017), The development of highway nuisance perception: Experiences of residents along the Southern Ring Road in Groningen, the Netherlands, *Land Use Policy*, **61**, 2017, 553-563. DOI: <https://doi.org/10.1016/j.landusepol.2016.12.008>
- Heeres, N., T. van Dijk, J. Arts & T. Tillema (2017), Coping with functional interrelatedness and stakeholder fragmentation in planning at the infrastructure-land use interface: The potential merits of a design approach, *Journal of Transport and Land Use*, **10**(1), 409-435. DOI: <http://dx.doi.org/10.5198/jtlu.2016.833>
- Lenferink, S., Leendertse, W., & Arts, J. (2017). PPS: publieke én private waarde. *Rooilijn*, **50**(2), 126-133. <https://dspace.uba.uva.nl/server/api/core/bitstreams/0e6cec27-6b32-4dff-b4e9-ce742985efbb/content>
- Willems, J.J., T. Busscher, M.A. van den Brink & J. Arts (2017), Anticipating water infrastructure renewal: a framing perspective on organizational learning in public agencies, *Environment & Planning C - Politics and Space*, **36**(6), 1088-1108. DOI: <https://doi.org/10.1177/2399654417733993>
- Hamersma, M., E. Heinen, T. Tillema & J. Arts (2016), Residents' responses to proposed Highway projects: exploring the role of governmental information provision, *Transport Policy*, **49**, 2106, 56-67. DOI: <https://doi.org/10.1016/j.tranpol.2016.03.011>
- Hanna, P., F. Vanclay, E.J. Langdon & J. Arts (2016), The importance of cultural aspects in project development: The case of the Lajedo hydroelectric dam and the Xerente people, *Impact Assessment and Project Appraisal*, **34**(4), 306-318. DOI: <https://doi.org/10.1080/14615517.2016.1184501>
- Hanna, P., F. Vanclay, E.J. Langdon & J. Arts (2016), Conceptualizing social protest and the significance of protest actions to large projects, *The Extractive Industries and Society*, **3**(1), 217-239. DOI: <https://doi.org/10.1016/j.exis.2015.10.006>
- Heeres, N., T. Tillema & J. Arts (2016), Dealing with interrelatedness and fragmentation in road infrastructure planning: an analysis of integrated approaches throughout the planning process in the Netherlands, *Planning Theory & Practice*, **17**(3), 421-443. DOI: <https://doi.org/10.1080/14649357.2016.1193888>
- Heeres, N., S. Lenferink, T. Tillema & J. Arts (2016), Beyond financial value capturing? Interactions between value capturing and cooperation at the interface of road infrastructure and land use planning, *Town Planning Review*, **87**(2), 179-204. DOI: <https://doi.org/10.3828/tp.2016.14>
- Leendertse, W., J. Arts, T. Busscher & F. Verhees (2016), Van project naar opgave – Samenwerking als motor van de planning van infrastructuur en ruimte, *Bestuurskunde*, **25**(4), 70-81.

DOI: <https://doi.org/10.5553/Bk/092733872016025004008>

https://tijdschriften.boombestuurkunde.nl/tijdschrift/bk/2016/4/Bk_0927-3387_2016_025_004_008

- Busscher, T., T. Tillema & J. Arts (2015), Improving project delivery: programmes as the silver bullet?, *European Journal of Transport and Infrastructure Research*, **15**(2), 163-183.
DOI: <https://doi.org/10.18757/ejtr.2015.15.2.3067>
- Busscher, T., T. Tillema & J. Arts (2015), In search of sustainable infrastructure planning: How can we build on historical policy shifts, *Transport Policy*, **42**, 42-51. DOI: <https://doi.org/10.1016/j.tranpol.2015.04.007>
- Hamersma, M., E. Heinen, T. Tillema & J. Arts (2015), Residential moving intentions at highway locations: The trade-off between nuisances and accessibility in the Netherlands, *Transportation Research D: Transport and Environment*, **35**, 130-141. DOI: <http://dx.doi.org/10.1016/j.trd.2014.11.017>
- Hijdra, A., J. Woltjer & J. Arts (2015), Troubled waters: an institutional analysis of the ageing Dutch and American waterway infrastructure, *Transport Policy*, **42**, 64-74. DOI: <http://dx.doi.org/10.1016/j.tranpol.2015.05.004>
- Runhaar, H. & J. Arts (2015), Statement: Getting EA research out of the comfort zone: critical reflections from the Netherlands, *Journal of Environmental Assessment Policy and Management*, **17**(1), 1550011, 1-8.
DOI: <https://doi.org/10.1142/S1464333215500118> <https://www.jstor.org/stable/enviassopolimana.17.1.12>
- Verhees, F., A. van Marrewijk, W. Leendertse & J. Arts (2015), Publiek en privaat: een spannende relatie in de bouw- en infraketen, *Beleidsonderzoek Online*, Oktober 2015
DOI: <https://doi.org/10.5553/BO/221335502015000020001> (www.beleidsonderzoek.online)
https://www.beleidsonderzoekonline.nl/tijdschrift/bso/2015/10/BO_2213-3550_2015_000_020_001
- Busscher, T., C. Zuidema, T. Tillema & J. Arts (2014), Bridging Gaps: Governing conflicts between transport and environmental policies, *Environment and Planning A: Economy and Space*, **46**(3), 666-681.
DOI: <https://doi.org/10.1068/a4641>
- Hamersma, M., T. Tillema, J. Sussman, & J. Arts (2014), Residential satisfaction close to highways: The impact of perceived highway externalities on (changes in) residential satisfaction, *Transportation Research A: Policy and Practice*, **59**, 106-121. DOI: <https://doi.org/10.1016/j.tra.2013.11.004>
- Hannah, Ph., F. Vanclay, E.J. Langdon & J. Arts (2014), Improving the effectiveness of impact assessment pertaining to Indigenous peoples in the Brazilian environmental licensing procedure, *Environmental Impact Assessment Review*, **46**, 58-67. DOI: <https://doi.org/10.1016/j.eiar.2014.01.005>
- Hijdra, A., J. Woltjer & J. Arts (2014), Value creation in capital waterway projects: Application of a transaction cost and benefit framework for the Miami River and the New Orleans Inner Harbour Navigation Canal, *Land Use Policy*, **38**, 91-103. DOI: <https://doi.org/10.1016/j.landusepol.2013.10.024>
- Hijdra, A., J. Arts & J. Woltjer (2014), Do we need to rethink our waterways? Values of ageing waterways in current and future society, *Water Resources Management*, **28**, 2599-2613. DOI: <https://doi.org/10.1007/s11269-014-0629-8>
- Lenferink, S., W. Leendertse, J. Arts & T. Tillema (2014), Public-private plan development: Can early private involvement strengthen infrastructure planning?, *European Planning Studies*, **22**(2), 323-344.
DOI: <https://doi.org/10.1080/09654313.2012.741569>
- Lenferink, S., T. Tillema & J. Arts (2014), Life-cycle driven planning of infrastructure: Public and private experiences with more integrated approaches for managing project complexity, *European Journal of Transport and Infrastructure Research*, **14**(2), 82-101. DOI: <https://doi.org/10.18757/ejtr.2014.14.2.3019>
- Busscher, T., T. Tillema & J. Arts (2013), Revisiting a programmatic planning approach: managing linkages between transport and land use planning, *Planning Theory and Practice*, **14**(4), 492-508.
DOI: <https://doi.org/10.1080/14649357.2013.845685>
- Lenferink, S., T. Tillema & J. Arts (2013), Public-private interaction in contracting: Governance strategies in the competitive dialogue of Dutch infrastructure projects, *Public Administration*, **91**(4), 928-946.
DOI: <https://doi.org/10.1111/padm.12033>
- Lenferink, S., T. Tillema & J. Arts (2013), Towards sustainable infrastructure development through integrated contracts: Experiences with inclusiveness in Dutch infrastructure projects, *International Journal of Project Management*, **31**(4), 615-627. DOI: <https://doi.org/10.1016/j.ijproman.2012.09.014>
- Runhaar, H., F. van Laerhoven, P. Driessen & J. Arts (2013), Environmental Assessment in the Netherlands: effectively governing environmental protection? A discourse analysis, *Environmental Impact Assessment Review*, **39**, 13-25. DOI: <https://doi.org/10.1016/j.eiar.2012.05.003>
- Arts, J., A. van Looij, O. Wassenaar & M. Nagelkerke (2012), Vervlechting van publiekrechtelijke en aanbestedingsprocedures: een inleiding en praktisch denkmodel, *Tijdschrift voor Aanbestedingsrecht*, **9**(6), 620-639.
- Arts, J., H. Runhaar, T.B. Fischer, U. Jha-Thakur, F. van Laerhoven, P. Driessen & V. Onyango (2012), The Effectiveness of EIA as an Instrument for Environmental Governance – A Comparison of 25 Years of EIA Practice in The Netherlands and the UK, *Journal of Environmental Assessment Policy and Management*, **14**(4), 1250025, 1-40. DOI: <https://doi.org/10.1142/S1464333212500251>
- Heeres, N., T. Tillema & J. Arts (2012), Integration in Dutch planning of motorways: From "line" towards "area-oriented" approaches, *Transport Policy*, **24**, 148-158. DOI: <https://doi.org/10.1016/j.tranpol.2012.08.002>
- Lenferink, S., J. Arts, T. Tillema, M. van Valkenburg & R. Nijsten (2012), Early contractor involvement in Dutch infrastructure: initial experiences with parallel procedures for planning and procurement, *Journal of Public Procurement*, **12**(1), 1-42. DOI: <https://doi.org/10.1108/JOPP-12-01-2012-B001>
- Tillema, T., M. Hamersma, J.M. Sussman & J. Arts (2012), Extending the scope of highway planning: accessibility, negative externalities and the residential context, *Transport Reviews*, **32**(6), 745-759.
DOI: <https://doi.org/10.1080/01441647.2012.724726>

- Arts, J. & F. van Lamoen (2005), Before EIA; defining the scope of infrastructure projects in the Netherlands, *Journal of Environmental Assessment Policy and Management*, 7(1), 51-80. DOI: <https://doi.org/10.1142/S146433320500189X> <https://www.jstor.org/stable/enviassepolimana.7.1.51>
- Morrison-Saunders, A. & J. Arts (2005), Learning from experience: emerging trends in environmental impact assessment follow-up, *Impact Assessment and Project Appraisal*, 23(3), 170-174. DOI: <https://doi.org/10.3152/147154605781765580>
- Marshall, R., J. Arts & A. Morrison-Saunders (2005), International Principles for Best Practice EIA Follow-up, *Impact Assessment and Project Appraisal*, 23(3), 175-181. DOI: <https://doi.org/10.3152/147154605781765490>
- Partidário M.R. & J. Arts (2005), Exploring the concept of strategic environmental assessment follow-up, *Impact Assessment and Project Appraisal*, 23(3), 246-257. DOI: <https://doi.org/10.3152/147154605781765481>
- Morrison-Saunders, A., J. Baker & J. Arts (2003), Lessons from practice: Towards successful follow-up, *Impact Assessment and Project Appraisal*, 21(1), 43-56. DOI: <https://doi.org/10.3152/147154603781766527>
- Morrison-Saunders, A., J. Arts, J. Baker & P. Caldwell (2001), Roles and stakes in environmental impact assessment follow-up, *Impact Assessment and Project Appraisal*, 19(4), 289-296. DOI: <https://doi.org/10.3152/147154601781766871>
- Arts, J., P. Caldwell & A. Morrison-Saunders (2001), EIA Follow-up: Good practice and future directions – Findings from a workshop at the IAIA 2000 Conference, *Impact Assessment and Project Appraisal*, 19(3), 175-185. DOI: <https://doi.org/10.3152/147154601781767014>
- Arts, J. & L. Stoop (1996), Landinrichting met effect I: een theoretische verkenning van ex post evaluatie van landinrichtingsprojecten, *Beleidsanalyse*, Staatsuitgeverij, 25(1), 4-10.
- Arts, J., J. Dijkstra & L. Stoop (1996), Landinrichting met effect II: de praktijk getoetst, *Beleidsanalyse*, Staatsuitgeverij, 25(1), 11-17.
- Niekerk, F. & J. Arts (1996), Impact Assessments in Dutch Infrastructure Planning: Towards better timing and integration, *Project Appraisal*, 11(4), 237-246. DOI: <https://doi.org/10.1080/02688867.1996.9727549>

Academic book(chapter)s (Int., NL):

- Arts, J., C. Faith-Ell & T. Fischer (2026), Transport Infrastructure, in: T. Fischer, S. Bice, U. Jha Thakur, M. Montañó, B. Noble & F. Retief (eds.): *Impact Assessment Encyclopedia*, Edward Elgar, Cheltenham.
- Arts, J. & T. Fischer (2026), Tiering, in: T. Fischer, S. Bice, U. Jha Thakur, M. Montañó, B. Noble & F. Retief (eds.): *Impact Assessment Encyclopedia*, Edward Elgar, Cheltenham.
- Arts, J., A. Morrison-Saunders, A. & U. Jha Thakur (2026), Follow-up, in: T. Fischer, S. Bice, U. Jha Thakur, M. Montañó, B. Noble & F. Retief (eds.): *Impact Assessment Encyclopedia*, Edward Elgar, Cheltenham.
- Arts, J. (2026), Ways Forward? Conceptualizing Integrated Planning for Infrastructure and Spatial Development – Connecting Spatial Functions and Institutions Sustainably, in: R. Holzhaacker, B. Satiawan, D.R. Hizbaron, K.N. Irvine, C. Prell & K. Hubacek (eds.): *Transformative Futures of Cities: Sustainable Development Climate in Southeast Asia*, Brill, Leiden, 154-186. DOI: <https://doi.org/10.1163/9789004756953-009>
- Novianingsih, I., S., Verweij, J. Arts, J. Woltjer, D. Hudalah & V. Pradono (2026), Equality in Sustainable Regional Development – An Exploration of the Potential of Geographical Bundling in Transport Infrastructure Public-Private Partnerships in Indonesia, in: R. Holzhaacker, B. Satiawan, D.R. Hizbaron, K.N. Irvine, C. Prell & K. Hubacek (eds.): *Transformative Futures of Cities: Sustainable Development Climate in Southeast Asia*, Brill, Leiden, 237-256. DOI: <https://doi.org/10.1163/9789004756953-013>
- Morrison-Saunders, A. & J. Arts (2024), Effectively engaging the public in impact assessment follow-up, in: T. Burdett & J. Sinclair (eds.): *Handbook of Public Participation in Impact Assessment*, Edward Elgar, Cheltenham, Chapter 13, 236-262. DOI: <https://doi.org/10.4337/9781800889996.00022>
- Leendertse, W. & J. Arts (2022), In Transitie naar een circulaire economie: op zoek naar een balans tussen initiatieven en sturing, in: G. Blauwhof, S. Kerkhofs, W. Veldman & W. Verbaan (eds.) *Transitieagenda voor een Circulaire Economie, Manifest voor een Regeneratie*, Uitgeverij Blauwdruk, Wageningen, 130-138.
- Rădulescu M.A., W. Leendertse & J. Arts J. (2022) Living Labs: A Creative and Collaborative Planning Approach. In: Franklin A. (ed.) *Co-Creativity and Engaged Scholarship*. Palgrave Macmillan, Cham, 457-491. DOI: https://doi.org/10.1007/978-3-030-84248-2_15
- Arts, J., W. Leendertse & T. Tillema (2021), Road infrastructure: planning, impact and management, in: Vickerman, R. (ed.), *International Encyclopedia of Transportation*. Vol. 5, 360-372. Elsevier, UK
- DOI: <http://dx.doi.org/10.1016/B978-0-08-102671-7.10448-8>
- Leendertse, W. & J. Arts (2020), *Public-Private Interaction in Infrastructure Networks – Towards valuable market involvement in the planning and management of public infrastructure networks*, InPlanning, Groningen, 184pp. DOI: 10.17418/B.2020.9789036794817
- Arts, J., R. Filarski, H. Jeekel & B. Toussaint (eds.) (2016), *Builders and Planners – A history of land-use and infrastructure planning in the Netherlands*, with contributions by: J. Arts, G. De Block, A. van der Burg, N. Disco, R. Filarski, H. Jeekel, D. de Kool, B. De Meulder, G. Mom, O. van de Riet, B. Toussaint & F. Veraart, Publisher: Eburon, Delft, 512pp.
- Hanna, P., F. Vanclay, E.J. Langdon & J. Arts (2016), “The communication and management of social risk and their relevance to corporate-community relationships”, in: Ch. Candlin, J. Crichton & A. Firkins (eds.): *Communicating Risk*, Palgrave Macmillan, Basingstoke, 171-188.
- Leendertse, W., F. Verhees & J. Arts (2016), “Publieke en Private Samenwerking als Verbinder van Infrastructuur en Ruimte – Een Verkenning”, in: W. Salet, R. Vermeulen & R. van der Woude (eds.), *Gaan waar de actie is –*

- Ruimtelijke onderzoeksinstituten adviseren over nationale ruimtelijke planning*, InPlanning, Groningen, 160-179. DOI: 10.17418/B.2016.9789491937293 (NB: reprint Salet et al. 2015)
- Verhees, F & J. Arts (2016), “Public Private Partnerships – Pursuing adaptive qualities in spatial projects”, in: G. de Roo & L. Boelens (eds.), *Spatial Planning in a Complex Unpredictable World of Change – Towards a proactive co-evolutionary type of planning within the Eurodelta*, InPlanning, Groningen, 211-225. DOI: 10.17418/B.2016.9789491937279.9
 - Leendertse, W., F. Verhees & J. Arts (2015), “Publieke en Private Samenwerking als Verbinder van Infrastructuur en Ruimte – Een Verkenning”, in: W. Salet, R. Vermeulen & R. van der Wouden (eds.), *Toevoegen van Ruimtelijke Kwaliteit - Ruimtelijke Kennis voor het Jaar van de Ruimte*, University of Amsterdam, Amsterdam, 160-179.
 - Heeres, N., T. Tillemma & J. Arts (2015), “Overcoming Lock-in: instruments for value creation and assessment early in the infrastructure planning process”, in: J. Woltjer, E. Alexander, A. Hull & M. Ruth (eds.), *Place-Based Evaluation for Integrated Land-Use Management*, Ashgate. Aldershot, 225-248.
 - Arts, J. (2014), “Introduction to SEA in the Netherlands and Research into SEA effectiveness in the Netherlands”, in: H. Xu & B. Schijf (eds.) *“A comparison of SEA practice in China and the Netherlands”*, Appraisal Centre for Environment & Engineering, Ministry of Environmental Protection of China / Netherlands Commission for Environmental Assessment, Beijing/Utrecht, 82-107.
 - Runhaar, H. & J. Arts (2013), “Chapter 3: Making Impact Assessment More Influential: Lessons from the Netherlands”, in D.P. Lawrence (ed.): *Impact Assessment – Practical Solutions to Recurrent Problems and Contemporary Challenges*, John Wiley & Sons, Hoboken, NJ, 54-55.
 - Lenferink, S., J. Arts & T. Tillemma (2011), “Ongoing public-private interaction in infrastructure planning: an evaluation of Dutch competitive dialogue projects”, in: K.V. Thai (ed.), *Towards new horizons in public procurement*, PrAcademics Press, Boca Raton, FL, 236-272.
 - Arts, J., P. Tomlinson & H. Voogd (2011), “Planning in tiers: tiering as a way of linking EIA and SEA”, in: B. Sadler, R. Aschemann, J. Dusik, T.B. Fischer, M. Partidario & R. Verheem (eds.), *Handbook of Strategic Environmental Assessment*, Earthscan, London, 415-433.
 - Cherp, A., M.R. Partidario & J. Arts (2011), “From formulation to implementation: strengthening SEA through follow-up”, in: B. Sadler, R. Aschemann, J. Dusik, T.B. Fischer, M. Partidario & R. Verheem (eds.), *Handbook of Strategic Environmental Assessment*, Earthscan, London, 515-535.
 - Arts, J. & F. Niekerk (2010), “Impact assessment and management of infrastructure projects: from risk source to risk control”, in: A. Hull, E. Alexander, A. Khakee & J. Woltjer (eds.), *Evaluation for Participation: Fitting Evaluation to Planning Contexts and Sustainability in Planning*, Routledge, London, 149-171.
 - Arts, J. (2008), “The importance of EA Follow-up”, in: T. Fischer, R. Aschemann & I. Belcakova (eds.) *Handbook for Environmental assessment Master Programmes*, PENTA Erasmus Mundus Programme of the European Union, Bratislava University Press, Bratislava, 287-311.
 - Arts, J. (2007), *Nieuwe Wegen? Planningsbenaderingen voor duurzame infrastructuur (New Roads? Planning approaches for sustainable infrastructure)*, inaugural speech d.d. 6 November 2007, University of Groningen, Groningen, 60pp.
 - Koeleman, M., J. Arts, M. Roorda-Knape & J.W. Erisman (2005), “Environment and infrastructure, towards a new perspective in impact assessment”, in: H. van Bohemen (ed.), *Ecological Engineering: Bridging the Gap between Ecology and Civil Engineering*, Aeneas, Bostel, 383-391.
 - Morrison-Saunders, A. & J. Arts (eds.) (2006), *Assessing Impact, Handbook of EIA and SEA Follow-up*, Earthscan, London, 338pp. (NB: revised paperback edition of 2004 book)
 - Arts, J. (2004), “Environmental Impact Assessment for Transport Infrastructure Projects”, in: G. Linden & H. Voogd (eds.), *Environmental and Infrastructure Planning*, GeoPress, Groningen, 231-276.
 - Morrison-Saunders, A. & J. Arts (eds.) (2004), *Assessing Impact, Handbook of EIA and SEA Follow-up*, Earthscan, London, 338pp. (2nd edition, 2006)
 - Arts, J., J. Scholten & Y. Kroese (2003), *MER over een andere boeg*, with contributions by C. Baanvinger and P. Jooren, Prepared for the V&W MER-dag, 2 september 2003, Rijkswaterstaat, Delft (earlier published as English edition for the IAIA2002 conference).
 - Arts, J., J. Scholten & Y. Kroese (2002), *Fingertip EIA: flood control going Dutch*, with contributions by C. Baanvinger and P. Jooren, Prepared for the 22nd Annual Meeting of International Association of Impact Assessment, 15-22 June 2002, The Hague, The Netherlands.
 - Arts, J. (2001), “EIA follow-up: Different Approaches to Ex Post Evaluation in Environmental Impact Assessment”, in: H. Voogd (ed.), *Recent developments in evaluation in spatial, infrastructure and environmental planning*, Geo Press, Groningen, 37-66.
 - Arts, J. & S. Nooteboom (1999), “Environmental Impact Assessment Monitoring and Auditing”, in: J. Petts (ed.), *Handbook of EIA*, Vol. 1, Blackwell Science, Oxford, 229-251.
 - Arts, E.J.M.M. (Jos) (1998), *EIA follow-up: On the Role of Ex Post Evaluation in Environmental Impact Assessment*, PhD thesis, Faculty of Spatial Sciences, University of Groningen, Published with Geo Press, Groningen, 558pp. Available at: <https://hdl.handle.net/11370/2cf04875-d05e-4640-a777-71d2c4f23a30>
 - Arts, J. (1996), “Ex Post Evaluation of EIA Projects”, in: F. Lo Piccolo & G. Caudo (eds.): *AESOP PhD Research Workshop, An Experience for Integrated Education in the Planning Field – Glasgow Scotland 1995*, AESOP / University of Palermo, Palermo, 145-148.
 - Arts, J. (1996), De verwachtingen getoetst, evaluatie achteraf bij m.e.r.-projecten, in: R. Bonte, P. Leroy & R. Mooren (red.), *Milieueffectrapportage: Methoden, Effecten en Resultaten*, Aeneas, Best, 79-94.

- Arts, J. (1996), “Milieu-effectrapportage als instrument voor gebiedsgericht beleid”, in: G. de Roo (red.), *Milieu planning in vierstromenland*, Samsom Tjeenk Willink, Alphen a/d Rijn, 144-164.
- Arts, E.J.M.M. (1994), “Environmental Impact Assessment: from ex ante to ex post evaluation”, in: H. Voogd (ed.), *Environmental Issues in Planning*, Pion, London, 145-163.
- Arts, J., P. Ike & H. Voogd (1993), “Beton- en Metselzandwinning in Nederland: een verdelingsprobleem binnen onzekere grenzen”, in: J. van Dijk & M.W. de Jong (red.), *Steden en regio's in Europa, Nieuwe ideeën in Nederlands ruimtelijk onderzoek*, Geo Pers / Regional Science Association Nederland, Groningen, 249-266.
- Arts, E.J.M.M., K. Kooistra, P. Ike & H. Voogd (1992), *De stand van het zand, Beton- en metselzandverbruik per provincie 1988-1990*, Geo Pers, Groningen, 80pp.
- Arts, J. (1990), “De projektnota als presentatiemiddel” (Hoofdstuk 4), in: G. van Alteren, B. van der Moolen, P. Ike & H. Voogd, *Integrale Projektstudies bij infrastructuurplanning*, Geo Pers, Groningen, 35-60.

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.

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

- Morrison-Saunders, A., J. Arts, C. Faith-Ell, P. Fitzpatrick, A. Fonseca, G. Geißler, J. Glasson, A. González, U. Jha-Thakur, R. Morgan, B. Muir, A. Nykiel, C. O’Faircheallaigh, L. Sánchez, W. Ross & J.-A. Wessels (2024), *Guidance for Implementing the Impact Assessment Follow-up International Best Practice Principles*, Reference and Guidance Documents. International Association for Impact Assessment, Fargo (USA). Available: <https://iaia.org/guidance-for-implementing-the-ia-follow-up-best-practices/>
- Arts, J. & A. Dijkstra (2024), *Position Paper CEDR Working Group on Collaborative Planning*, November 2024, Conference of European Road Directors, Utrecht/Brussels.
- Bakx, M. C. Keijzer, B. Restemeyer, M. van den Brink, S. Stremke, S. Lenzholzer & J. Arts (2024), *Tijd voor een kwaliteitskering! Samen de puzzel leggen voor meer ruimtelijke kwaliteit in dijklandschappen*, rapportage onderzoeksproject ruimtelijke kwaliteit bij waterveiligheidsprojecten Rijksuniversiteit Groningen & Wageningen University & Research, Groningen/ Wageningen. Available: <https://www.rug.nl/research/ursi/ruikwalab/>
- Bousema, I., W. Rauws, M. Sewandono, J. Arts & W. Leendertse (2024), *Verkenning Adaptieve planning in het ruimtelijk domein – het NOVEX-programma*, Onderzoek en advies ten behoeve van het Ministerie van Binnenlandse Zaken & Koninkrijksrelaties. (BZK), Rijksuniversiteit Groningen, Groningen.
- Adviesgroep ontwikkeling en instandhouding van infrastructuur (2024), *Instandhouding voorop! Vernieuwen en versnellen voor een veilig en bereikbaar Nederland*, rapport voor de minister van I&W, L. Kohsiek, R. van Wingerden, J. Arts, J. Lintsen, H. Verhagen. L. Volker, H. Wanders (secretarissen D. Hensma & E. Ravestijn). Available at: <https://www.tweedekamer.nl/downloads/document?id=2024D25452>
- Hanekamp, T. et al. (2024), *Working Agenda CEDR Collaborative Planning*, in collaboration with S. van der Werf, T. Holmlund, M. Binder, M. Lind, M. Jussi, S. Serola, J. Odeck, L. Kbiak, V. Michalaki, J. Arts, & K. Andreopoulos, January 2024, CEDR Working Group on Collaborative Planning, Utrecht/Brussels.
- Morrison-Saunders, A. & J. Arts (2023), *International Best Practice Principles: Public Participation in Impact Assessment Follow-up*. Special Publication Series No. 12, International Association for Impact Assessment (IAIA), Fargo (USA). Available: <https://iaia.org/best-practice-public-participation-ia-follow-up/>
- Arts J. & A. Morrison-Saunders (2022), *Impact Assessment Follow-up: International Best Practice Principles*, Special Publication Series No. 6, International Association for Impact Assessment (IAIA), Fargo (USA). Available: <https://iaia.org/best-practice-impact-assessment-follow-up/>
- Arts, J. (2022), *Second Opinion Evaluation “Area-development Technology Base Twente” (Onafhankelijke Second Opinion “Gebiedsontwikkeling Technology Base Twente”)*, advisory report for Provincial States and Board of Overijssel, University of Groningen, Groningen.
- Voûte, E., F. van der Hoeven, P. Hekkert, M. Warnier, H. Suijkerbuijk (TUD), L.-L. Chen, B. Eggen, J. Voorthuis, G.-J. van Houtum (TU/e), M. van der Voort, G. Ludden, E. Hans, L. Volker (UT), K. Schroen, S. Lenzholzer, K. Termeer, W. Dolfsma (WUR), I. Vis, C. Wagenaar, J. Arts, D. Bauso, T. van Dijk, A. Kempenaar, G. Jonker & J. Veldman (RUG) (2022), *Vraag en Capaciteit in Balans – Sectorplan Ontwerpende Ingenieurswetenschappen*, prepared on request of the Ministry of Education & Sciences, TUD, TU/e, UT, WUR, RUG, Delft.
- Arts, J. B. Kuipers, N. Rossmuller & L. Tavasszy (2021), *Regie op Corridorniveau – Oproep van het Adviesteam Wetenschap aan het bestuurlijk Overleg Topcorridors*, 18 September 2021, Programma Topcorridors, Den Haag.

- van der Werf, S., J. Arts, G. Smit, M. de Bruijn, K. van der Linden, R. Poppeliers & P. Staelens (2019), *Validated Policy Recommendations for better integration of urban nodes in the TEN-T network*, Vital Nodes consortium, Utrecht/Brussels.
- Arts, J. (2018), *Second Opinion Beleidsdoorlichting Spoor - Bij: Beleidsdoorlichting van het beleidsartikel 16 Openbaar Vervoer en Spoor van (Hoofdstuk XII) van de Rijksbegroting van het Ministerie van Infrastructuur & Waterstaat t.b.v. Tweede Kamer*, i.o.v. Frans Trooster en Anita de Zeeuw (OVS, DGMO, I&W), University of Groningen, Groningen.
- Lenferink, S., J. Arts, W. Leendertse & M. van Geet (2018), *Afstemming beleid en uitvoeringsinstrumentarium NOVI, POVI & MIRT – Alles komt terecht in één meerschallige ruimte*, Adviesviesmemo: 10 herziene ontwerpvoorstellen ter versterking van de afstemming NOVI, POVI & MIRT, in opdracht van O. van Sandick (Rijkswaterstaat) en E. Driessen (Ministerie BZK), Rijksuniversiteit Groningen, Groningen.
- Verroen, E., R. Broesi, R. Molitor & J. Arts (2017), *Rotterdam / Randstad – Rhein corridor – Showcase for innovative Corridor Planning*, Roadmap for collaboration on corridor planning The Netherlands - Nordrhein-Westfalen, Köln/Utrecht.
- Arts, J., R. Linssen, T. Hanekamp & R. Broesi (2016), *Networking for Urban Vitality (NUVit) – Practical Cases & Innovation Agenda 2015-2016*, Rijkswaterstaat, Utrecht. => Impact: H2020 call Urban Nodes & TEN-T corridors
- Arts, J., R. Linssen, T. Hanekamp, R. Broesi & S. van Berkel (April 2014), *Networking for Urban Vitality – A European Research proposal*, Rijkswaterstaat, Delft.
- Arts, J., T. Hanekamp & A. Dijkstra (2013), *Transport Infrastructure Integrated with Land Use Planning (TIILUP) – Roadmap Research Programme FORx4*, April 2013, FEHRL, Delft / Brussels.
- Buitenkamp, M. J. Arts & A. Freriks (2013), *Advies Review Rapportages Monitoring Evaluatie Programma Maasvlakte 2*, Advies t.b.v. Ministeries van IenM en EZ, de DCMR Milieudienst Rijnmond en Havenbedrijf Rotterdam, d.d. 4 november 2013, Rotterdam.
- Arts, J. et al. (2013), *Advies maatregelen Lucht en Natuur voor project Nieuwe Sluis Zeetoegang IJmond en project Lichten Averijhaven*, Advies Expertteam Milieu Zeetoegang IJmond/ Lichten Averijhaven in opdracht van Rijkswaterstaat West Nederland Noord, 24 juni 2013, Haarlem.
- van Dijke, L., et al. (2013), *Advies omgevingswet*, Adviescommissie Verkeer en Vervoer, april 2013, Utrecht.
- Runhaar, H., J. Arts, F. van Laerhoven & P. Driessen (2011), *Naar een toekomstbestendige m.e.r., Lessen uit 25 jaar m.e.r. in Nederland en een verkenning van kansen en bedreigingen voor de m.e.r. in de nabije toekomst*, Universiteit Utrecht / Rijksuniversiteit Groningen i.o.v. DG Ruimte en DG Rijkswaterstaat, Ministerie van Infrastructuur en Milieu, Utrecht / Groningen.
- Stoop, H., J. Arts, M. van Dongen, S. van Kruijsbergen & P. van der Laak (2010), *Handreiking MIRT-Verkenning*, Rijkswaterstaat, Delft.
- Folmer, H., J. Oosterhaven, T. Tillema & J. Arts. (2009), *Afsluitdijk: second opinion kKBA en advies bestuurlijk proces*, Adviesrapport, Rijksuniversiteit Groningen, Groningen, 28pp.
- Arts, J. (2008), *Achtergrondonderzoek: analyse werkelijke doorlooptijden infrastructuurprojecten*, t.b.v. Commissie versnelling besluitvorming infrastructurele projecten, Delft.
- Arts, J. (2007), *Achtergrondonderzoek: analyse eerdere analyses en acties verbetering plan- en besluitvorming infrastructuurprojecten*, t.b.v. Commissie versnelling besluitvorming infrastructurele projecten, Delft.
- Morrison-Saunders, A., Marshall, R., Arts, J., 2007. EIA follow-up: International best practice principles. Special Publication Series No. 6, Fargo. International Association for Impact Assessment, USA. Available at: http://www.iaia.org/uploads/pdf/SP6_1.pdf
- Sandee, P. & J. Arts (2005), *Werkwijzer vervlechting tracé/m.e.r.- en aanbestedingprocedure bij infrastructurele projecten*, in opdracht van Taskforce Publiek-Private Samenwerking, Rijkswaterstaat, Ministerie Verkeer en Waterstaat, Delft.
- Ministerie van Verkeer en Waterstaat (2004), *Spelregels van het Meerjarenprogramma Infrastructuur en Transport (2004)*, herzien door B. Dircksens, J. Arts & N. de Koning, Ministerie van Verkeer & Waterstaat, Den Haag.
- Ministerie van Verkeer en Waterstaat (2004), *Werkwijzer MIT-Verkenningen Nieuwe Stijl*, opgesteld door J. Arts & E. Jurakic m.m.v. B. Dircksens, Ministerie Verkeer & Waterstaat, Den Haag.
- Arts, J., J. Boelhouwers, R. Cuperus & E. Jurakic (2001), *Handreiking Ontwerpen en Milieu 2001, Tracé/m.e.r.-centrum*, Rijkswaterstaat, Ministerie Verkeer en Waterstaat, Delft.
- Arts, E.J.M.M., E.M. van Bueren & C.M. Nauta (1996), *Milieu-effectrapportage nader belicht: een onderzoek naar de werking van de ex post evaluatie, de beoordelingsplicht en de ontheffing van de m.e.r.-plicht*, Achtergrondstudie ECW nr. 29, Rijksuniversiteit Groningen / Zandvoort Ordening & Advies, In opdracht van Evaluatiecommissie Wet milieubeheer (ECW), Den Haag/Groningen/Utrecht, 33pp.
- Arts, J. (1996), *Ervaringen met ex post evaluatie bij m.e.r.: een inventarisatie*, Onderzoek en Advies nr. 82, Faculteit der Ruimtelijke Wetenschappen, Rijksuniversiteit Groningen, Groningen.
- Arts, J. (1995), *Handleiding evaluatie m.e.r. afvalstortplaatsen*, in opdracht van Ministerie van VROM, M.e.r.-reeks 51, Den Haag.
- Arts, E.J.M.M., F. Niekerk & H. Voogd (1995), *Stroomlijning effectrapportages, een verkennend onderzoek naar de mogelijkheden om te komen tot een betere structurering en procesmatige inpassing van effectrapportages bij infrastructuurplanning*, Onderzoek ten behoeve van Project Prioriteitstelling Hoofdinfrastructuur, in opdracht van: Directoraat-Generaal voor het Vervoer, Ministerie Verkeer & Waterstaat, Den Haag, 85pp.

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 24 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:

- Rongen, T. (PhD at RuG, NWO), *Networking rural accessibility – A governance perspective on multimodal transport and integrated hubs in rural areas*, NWO SMILES project, supervisors prof.dr.ir. T. Tillema (University of Groningen) & prof.dr. J. Arts (University of Groningen), dr. S. Lenferink (University Nijmegen). Approved. PhD-defence 26 February 2026.
- Satheesh, Shreya A. (2025), *Boundary Spanners in Action – Enhancing Public-Private Collaboration in Public Infrastructure Projects*, PhD at RuG, RWS-funding), supervisor prof.dr. J. Arts (University of Groningen), co-supervisor dr. T. Busscher (University of Groningen) & dr. S. Verweij (University of Groningen). PhD-defence 19 January 2026.
- Hardcastle, Paul (2025, 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*, supervisor prof.dr. J. Arts (RUG), co-supervisor dr. T. Busscher (RUG) & dr. S. Verweij (RUG), approved by the assessment committee, PhD defence 23 January 2025.
- Hilbers, Anne Marel (2024, PhD at RUG, RWS-funding), *"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"*, supervisor prof.dr. J. Arts (RUG), co-supervisors 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 at RUG, RWS/RUG-funding), *"Institutional harmonization for energy transition - How actors 'play the game' of balancing renewable energy generation with other sea- and land-uses"*, supervisors prof.dr. J. Arts (RUG), prof.dr. C. Zuidema (RUG) & co-supervisor 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”, supervisor prof.dr. J. Arts (RUG), co-supervisor 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 at RUG, RWS-funding), “Policy Design and infrastructure Planning – Finding tools to promote land use transport integration”, supervisors prof.dr. J. Arts (RUG), prof.dr.ir W. Leendertse (RUG), co-supervisors dr. T. Busscher (RUG) & dr. S. Lenferink (Radboud University Nijmegen). PhD Defence 26 August 2021.
- Mottee, Lara K. (2020, Cotutelle 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” 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 at RUG, RWS-funding), *Navigating waterway renewal. Actor-centred institutional perspectives on the planning of ageing waterways in the Netherlands*, supervisor prof.dr. J. Arts (RUG) & prof.dr. J. Wolter (University of Westminster/RUG), co-promotor T. Busscher (RUG), PhD Defence 13 September 2018.
- Hamersma, Marije (2017, PhD at RUG, RWS-funding), *Living near Highways – The impact of existing and planned highway infrastructure on residential satisfaction*, supervisor prof.dr. J. Arts (RUG), co-supervisors 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 (University of Groningen) & prof. dr. J. Woltjer (Westminster University / University of Groningen), PhD Defence 16 February 2017.
- Heeres, Niels (2017, PhD at RUG, RWS-funding) *Towards Area-oriented Infrastructure Planning – National road network development in a local spatial context*, supervisor prof.dr. J. Arts (RUG) & co-supervisor dr.ir. T. Tillema (RUG), PhD Defence 9 February 2017.
- Hanna de Almeida Oliveira, 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 (Public Private Interaction in Infrastructure Networks)*, University of Groningen, Groningen. PhD also working Rijkswaterstaat. Supervisors: prof.dr. J. Arts (RUG) & prof.dr.ir. H. de Ridder (Technical University Delft), PhD Defence 30 April 2015.
- Busscher, Tim (2014, PhD at RUG, RWS-funding), *A Programme-oriented Planning Approach – Linking strategies and projects for adaptive infrastructure planning*, University of Groningen, Groningen. Supervisor prof.dr. J. Arts (RUG) & co-supervisor dr.ir. T. Tillema (RUG), PhD Defence 19 June 2014.
- Lenferink, Sander (2013, PhD at RUG, RWS-funding), *Market Involvement throughout the Planning Life-cycle - Public and private experiences with evolving approaches integrating the road infrastructure planning process*, University of Groningen, Groningen. Supervisor prof.dr. J. Arts (RUG) & co-supervisor 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)*, University of Groningen, Groningen. 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 revisited, a Popperian perspective)*, University of Groningen, Groningen. Supervisors: prof.dr. J. Arts (RUG), prof.dr. Th. Kuipers RUG) & prof.dr. G. de Roo (RUG), PhD Defence 19 April 2012.