

Pieter J.V. van Wesemael  
Full Professor  
EAISI Health  
EAISI Mobility  
Systematic Urban Design  
Email: p.j.v.v.wesemael@tue.nl



## Research profile

Pieter van Wesemael is professor of Urbanism and Urban Architecture (UUA) at the Eindhoven University of Technology (TU/e). He is responsible for the Living Cities research program of the unit AUDE, which focuses on correlations between architecture and urbanism as well as on urban and regional planning. This program focus complies with the strategic research areas of the faculty and university, bringing architectural, urban and cultural heritage expertises to sustainable transformation of existing cities, building in an evolutionary way on existing social, economical, cultural and spatial capital, taking into account the issues of governance. He recently established the Urban Lab at TU/e as a platform for applied research in which actors of the triple helix collaborate on policy research and case studies related to the sustainable development of the city and the urbanized region. The current research agenda of the UUA chair within both the Living Cities fundamental research program as well the applied research program of the Urban Lab focuses on three clusters of themes: 1) healthy cities, smart mobility and public space design; 2) smart cities, participation and placemaking; 3) cultural heritage, spatial biographies and contextual design.

## Academic background

Pieter received his Masters with honors (cum laude) at the Delft University of Technology, where he also did his PhD ("Architecture of Instruction and Delight") with honors. For two decades, he was partner in the Architecten Cie and INBO, both in Amsterdam, leading the consultancy and design department in urban design, area development and spatial policy. He has published widely on topics related to sustainable evolutionary urban development, based on a contextual and systemic understanding of its inherent path dependencies.

He is responsible for bachelor and master courses, seminars and studios on urbanism and urban architecture. In the bachelor, Pieter teaches the courses on Architecture and the City, the USE line on sustainable urban development, Urban Case Studies and Landscape and Public Space. In the master he teaches in the courses Public Domain, Urban Planet and Urban Trends. He is also involved in graduation studios for the urbanism track as well as selected master seminars and a member of several boards on spatial planning, healthy cities, smart cities and cultural heritage.

## Research output

van Wesemael, P. J. V. (2017). Eindhoven de gezondste (en slimste). *Milieu*, 23(1), 16-18.

Krishnamurthy, S., & van Wesemael, P. J. V. (2015). Morphological mosaic of Brabant. In *22nd International Seminar on Urban Form Conference (ISUF): City as Organism. New Visions for Urban Life, 22-26 September 2015, Rome, Italy*

van Wesemael, P. J. V. (2015). New York's World Fair, 1939. In C. Edwards (Ed.), *The Bloomsbury Encyclopedia of Design* Bloomsbury Academic.

Wesemael, van, P. J. V. (2015). The Great Exhibition, London, 1851. In C. Edwards (Ed.), *The Bloomsbury Encyclopedia of Design* Bloomsbury Academic.

Bont, de, A. W. M. M., & Wesemael, van, P. J. V. (2014). Gezonde verstedelijking. In *Trenddag De Toekomst is Nu, Brabant Kennis, 28 November 2014, Tilburg, Nederland*

Wesemael, van, P. J. V. (2014). World Exhibition : didactical projects towards real reform : on early exhibitions as catalysts for the reform of the urban economy, the urban social stratification and the city itself. In *International Conference : World Exhibitions in Europe : players, publics, cultural heritage between metropolis and colonies 1851-1939, 13-15 November 2014, Padua, Italy*

Wesemael, van, P. J. V., & Bont, de, A. W. M. M. (2013). Gezond ontwerpen. In *Werkconferentie GezondRondom, 15 mei 2013, 's-Gravenhage, Nederland*

Wesemael, van, P. J. V. (2012). Brabants erfgoed als maatschappelijk kapitaal, monumenten van het verleden, motoren van de toekomst. In *Congres Het merk dat cultureel erfgoed heet, 10 Mei 2012*

Wesemael, van, P. J. V. (2012). Dood en leven van de grote Bloemkoolwijken : over stedelijke vernieuwing in de derde fase. In *Congres Bloeiende Bloemkoolwijken, 3 April 2012* (pp. 1-5)

Wesemael, van, P. J. V. (2012). Towards an active habitat for vital ageing. In *Sparkmeeting Leyden Academy, 14-15 May 2012*

Wesemael, van, P. J. V. (2012). Veerkracht vanuit ruimtelijk perspectief. In *Proceedings Vergroeiing, Verduurzaming, Veerkracht ... een heroriëntatie in crisistijd, 22 November 2012*

Wesemael, van, P. J. V. (2011). 10 jaar ruimte voor ruimte, proeftuin voor vernieuwende gebiedsontwikkeling in Noord-Brabant. In *Congres Ruimte voor Ruimte, 14 November 2011*

Wallagh, G., & Wesemael, van, P. J. V. (2011). Een stedenbouw van verschillen. In J. Rodermond, & A. Leun, van der (Eds.), *Agenda stedenbouw : interviews* (pp. 6-10). (MAP; No. 01). Stimuleringsfonds voor Architectuur.

Wesemael, van, P. J. V. (2011). Gezondheidspreventie en ruimtelijke ordening. In *Abstract presented at the Conference Prikkels in Preventie, 1 November 2011, Utrecht, The Netherlands* KNMG en NPHF.

Wesemael, van, P. J. V. (2010). Vandaag, morgen, maar niet te ver vooruit. In R. Blaay, de, & C. Butcher (Eds.), *Double Infinity : Een gezamenlijke ontmoeting tussen het Van Abbemuseum en Arthub Asia voor het Dutch Culture Centre, Shanghai Wereldtentoonstelling 2010 = A collaborative encounter between the Van Abbemuseum and Arthub Asia in the Dutch Culture Centre, Shanghai World Expo 2010* (pp. 90-102). Van Abbe museum.

Wesemael, van, P. J. V. (2009). Ruimte, Tijd en Samenleving. *Architect*, 40(1), 14-17.

Wesemael, van, P. J. V. (2005). The effects of World Exhibitions on the city and region. In *Proceedings of the second Assembly of the Association of Cities and Regions Hosting an International Exhibition (AVE)* Bureau International des Expositions (BIE).

van Wesemael, P. J. V. (2003). Calendar of Dutch 20th-century architecture. In S. U. Barbieri, & L. Duin, van (Eds.), *A Hundred Years of Dutch Architecture 1901-2000, Trends Highlights* (pp. 367-375). SUN.

Wesemael, van, P. J. V. (2003). Over stijl en identiteit. Esthetica, ideologie en didaktiek van wereldtentoonstellingen: tussen traditie en vernieuwing. In *NEO* (pp. 109-123). Centraal Museum.

Wesemael, van, P. J. V. (2002). De Floriade. Een Nederlandse versie van een mondiaal fenomeen = The Floriade. A Dutch version of a global phenomenon. In J. Hinterleitner, & M. Lehner (Eds.), *Architectuur voor één seizoen = Architecture just for a season* (pp. 56-71). Podium voor Architectuur Haarlemmermeer.

Wesemael, van, P. J. V. (2001). Pleidooi voor een contextuele analyse van architectuur en stedenbouw. In L. Duin, van (Ed.), *Hybride gebouwen en architectuur van de stad* (pp. 173-174). Delft University Press.

Wesemael, van, P. J. V. (1999). Calendarium Nederlandse Architectuur in de Twintigste Eeuw. In S. U. Barbieri, & L. V. Duin (Eds.), *Honderd jaar Nederlandse architectuur, 1900-2000 : tendensen, hoogtepunten* (pp. 367-367). SUN.

Wesemael, van, P. J. V. (1998). Het calendarium. In U. Barbieri, L. Duin, van, P. Wesemael, van, & W. Wilms Floet (Eds.), *Ontwerpstrategieën/Historische reflectie* (pp. 93-95). Technische Universiteit Delft.

Wesemael, van, P. J. V. (1998). The history of trophy- the trophy of history. In H. Bekkering, & C. Dam (Eds.), *The Architectural Annual 1996-1997: Delft University of Technology* (pp. 44-50). Uitgeverij 010.

Wesemael, van, P. J. V. (1996). Architecture of instruction and pleasure : a socio-historical and conceptual-analysis of structure and change in the 'didaxis' of World Exhibitions'during the 150 years of their existence. In *EAAE/AEE Conference, Doctorates in Architecture, Delft, February 1996* (Vol. 2, pp. 185-186). Delft University Press.

Duin, van, L., Engel, H., Terlouw, E., & Wesemael, van, P. J. V. (Eds.) (1993). *Typologie en ontwerpmethoden*. (2e herz. uitg. ed.) Technische Universiteit Delft.

## **Projects**

### **Smart Cycling Futures: Innovations in Urban Design and Planning**

van Wesemael, P. J. V. (Project Manager) & Liu, G. (Project member)

25/07/16 → 28/02/21