

## 1 PERSONAL DATA

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### Current appointments

Since January 2012  
Delft, Netherlands  
Researcher and lecturer at the Delft University of Technology,  
Department for Urbanism, Section Urban Landscape Architecture  
*Planning and design of urban landscape, Metropolitan Landscape  
Characterization, Green infrastructures*

Since January 2002  
The Hague, Netherlands  
Researcher at the Netherlands Environmental Assessment Agency  
*Research field: landscape policy evaluation, urban landscape, leisure  
and landscapes, planning support systems*

Since November 2005  
Novi Sad, Serbia  
Associate professor at the Faculty of Agriculture, Department for  
Landscape Architecture.  
*Teaching landscape design and landscape planning*

### Past appointments

February 2009 – June 2013  
Amsterdam, Netherlands  
Tutor at the Amsterdam Academy of Architecture (Academie van  
Bouwkunst), at the third year of master studies in Architecture,  
Urban design and Landscape architecture.  
*Teaching course O6 Paper writing*

July - January 2002  
The Hague, Netherlands  
Project staff of the foundation “The New Map of the Netherlands”  
*Selection, GIS processing and presentation of plans for nature and  
recreation development for the interactive map of the Netherlands,  
[www.nieuwekaart.nl](http://www.nieuwekaart.nl)*

January 2000 - August 2001  
Delft, Netherlands  
Research scientist, Faculty of Architecture, TU Delft  
*“Deltanet” project; preparation of the educational module “The fifth  
National Policy Document on Spatial Planning”; supervising students  
of the design studio “Deltametropolis”*

1996 - 2000 Delft, Netherlands	Ph.D. candidate at the Department for Urban Design at the Faculty of Architecture, TU Delft. <i>Research for the purposes of the PhD thesis "Delta•M: A Tool for Metropolitan Designing Systems"; supervising students of the design studio "Deltametropolis"</i>
1995 - 1996 Delft, Netherlands	Secretary of the Constitutional board of the "Research School for Design and Computation", Faculty of Architecture, TU Delft <i>Preparation and writing of the school's research and educational programs, organization of meetings, and organization of an international congress</i>
1995 - 1996 Delft, Netherlands	Research scientist on the project "Region" Faculty of Architecture, TU Delft <i>Development of a computer application for education in the block "Region" subsidized by the Educational Renewing Fund</i>
1995; February - July Delft, Netherlands	Lecturer for the block "Region" Faculty of Architecture, TU Delft
1994 - 1995 Delft, Netherlands	Research scientist for the multimedia project "Cyberland", Faculty of Architecture, TU Delft. <i>Development of an experimental computer application for integration of Geographic Information Systems (GIS) and multimedia.</i>
1992 - 1994 Delft, Netherlands	Trainee research assistant, Faculty of Architecture, TU Delft <i>Research for the purposes of the master's thesis with the theme: "A GIS-based study; possibilities for new estates in West Brabant".</i>
1992; June – September Delft, Netherlands	Research scientist for the project "Design Nature", Faculty of Architecture, TU Delft. <i>Selection of the design locations and preparation of the reader for the educational module.</i>
1990 - 1991 Novi Sad, Serbia	Designer and co-owner at the "Multi-Image Studio", design office for garden, architectural and graphic design, Novi Sad. <i>Designing small gardens and interiors for private clients and offices, and advice on land use planning.</i>
1984 - 1991 Novi Sad, Serbia	Senior planning-specialist at the "Institute of Town Planning of Vojvodina", Novi Sad, Department for Research and Computation. <i>Specialization in landscape planning and land use planning. As a part of an interdisciplinary team, responsible for the designs of approximately 50 spatial plans for the cities, municipalities and provinces of Vojvodina and Kosovo.</i>
1983 - 1984 Novi Sad, Serbia	Lecturer at the Department for Plant Physiology, Faculty of Agriculture, Novi Sad.
1981 – 1983 Novi Sad, Serbia	Research assistant at the Department for Plant Physiology, Faculty of Agriculture, Novi Sad. <i>Research for the purposes of the master's thesis: "Possibilities for the replacement of potassium by sodium in higher plants".</i>

## 2 EDUCATION

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### University and college degrees and diplomas

1996 - 2000	Ph.D. degree obtained in October 2001 from the Department for Urban Design at the Faculty of Architecture, TU Delft.
1992 - 1994	Master of Technical Design (MTD) degree obtained in January 1995 from the Faculty of Architecture, Technical University (TU) Delft, Postdoctoral education "Design, planning and management of buildings and built-up environment" (OPB).
1981 - 1984	Masters course in Plant Physiology, Faculty of Agriculture, University of Novi Sad.
1975 - 1980	Degree Graduate Engineer of Horticulture obtained in July 1980 at the Faculty of Agriculture, University of Novi Sad.
1971 - 1975	Jovan Jovanovic Zmaj Grammar School, Novi Sad.

### Pedagogic courses

2009	Writing for policy evaluation (VU Amsterdam)
2008	Land use scanner (VU Amsterdam)
2002	Arc Info (ESRI Rotterdam)
1998	Mediamatic web design (Mediamatic Amsterdam)
1998	Philosophy of science (Prof. S. J. Doorman)
1998	Thesis writing (TU Delft)
1997	Design research methods (Prof. Donald Schön, MIT)
1994	Coaching and leading (TU Eindhoven)
1994	Oral presentation techniques (TU Delft)
1993	Technical writing and editing (TU Eindhoven)
1993	Project oriented working (TU Eindhoven)
1992	Design (TU Eindhoven)

## 3 GENERAL

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### Awards

2011	Fourth exhibition of Landscape Architecture in Belgrade, special award for the project "Radar model for assessment of recreational value of metropolitan green spaces in Randstad, Netherlands"
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### Assignments as expert advisor

2012	Foundation for Science and Technology Lisbon – Portugal, FCT evaluation process as an external reviewer.
2010	Ministry of Science and Technological Development of the Republic of Serbia, reviewing national project proposals.
2005 – 2008	Tempus project LENNE; expert from the Netherlands
2006	Municipality of The Hague – member of the advisory group for the development of Laakkwartier, social and physical study
1995	Advisor for the project 'Nieuwe wijk (New district)' for the office Boom, Delft and the office Geomed, Tilburg.

### Membership

Member of The Netherlands Association for Landscape Architecture (Nederlandse Vereniging voor Tuin- en Landschapsarchitectuur, NVTL)

Member of the Serbian Association of Landscape Architects  
Member of the Le-Notre thematic network.  
Former member of the Netherlands Institute for Spatial Planning (NIROV)  
Former member of the consortium for the LENNE Tempus project

#### **Referee for international journals and books**

Environment and Planning B, since 2014  
ECLAS conference Oporto, 2014  
LANDSCAPE RESEARCH, Referee No: 2 MS, No: 104, Monitoring of small landscape elements in The Netherlands  
Prof. Dr Ljubinko Pusic (2009): City without a face. Mediterran Publishing, Novi Sad  
Prof. Dr Radojka Gligoric (2006): Spatial Geometry. Faculty of Agriculture, Novi Sad, Serbia  
Yoshiyuki Kimibayashi (1999): Johannis de Rijke, Ingenieur die de Japanse Rivieren Weer tot Leven Bracht. Walburg pers, Zutphen

#### **Work abroad**

2012; September                      AESOP Summer school, Faculty of Lusofona, Lisbon, Portugal

2003; July                                International workshop Porto Torres, Sardinia. The workshop was about the implementation of KwaliWijzer tool for the spatial evaluation of Porto Torres area.

1994; July – August                    Department of Environmental Planning and Informatics, New University of Lisbon, Portugal. Research in GIS and multimedia, preparation for the project "Cyberland".

#### **4 LIST OF PUBLICATIONS**

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##### **Books, editorial and book chapters**

1. Tisma, A., Velde, van der R., Nijhuis, S. & Pouderoijen, S. (2013): From urban and peri-urban to metropolitan landscape. Le-notre Rome publication (forthcoming)
2. Tisma, A. and Van der Velde, R. eds. (2013): Landscape Metropolis. Special Issue SPOOL Urban, On-line Journal of the Faculty of Architecture, Delft University of Technology  
<http://spool.tudelft.nl/issue/archive>
3. Tisma, A. (2011): Metropolitan Landscapes in the Netherlands: Effects of Policy Shifting. In Actas das conferencias do parque de Serralves, Vol. II Serralves foundation, Porto  
[http://www.serralves.pt/documentos/conf\\_paisagem/Aleksandra\\_Tisma\\_com.pdf](http://www.serralves.pt/documentos/conf_paisagem/Aleksandra_Tisma_com.pdf)
4. Netherlands Environmental Assessment Agency (2009): Nature balans 2009. PBL, The Hague
5. Dammers E., Palsdottir, H. L., van den Broek, L., Klemm, W., Tisma, A. en Bijlsma, L. (2007): Particulier opdrachtgeverschap in de woningbouw. NAI Uitgevers, Rotterdam, Ruimtelijk Planbureau, Den Haag
6. Groen, J., Koomen, E., Piek, M., Rietsma van Eck, J. and A. Tisma (2004): Scenario's in kaart, Model- en ontwerpbenaderingen voor toekomstig ruimtegebruik (mapping scenarios, modelling and designing future land use), Ruimtelijk Planbureau, Rotterdam: NAI Uitgevers.
7. Tisma, A. (2004): A new computer supported design tool: RasterPlan. In Leeuwen, J.P. and Timmermans, H.J.P. editors: Recent Advances in Design and Decision Support Systems, Kluwer Academic Publishers, Dordrecht/Boston/London

8. Tisma, A. (2001): Delta•M, A Tool for Metropolitan Designing Systems. Thesis, Delft University Press
9. Tisma, A. (2001): Designing and deciding in the Deltametropool. Deltametropool: Strategische rol van het ontwerpen. De Architectinische Interventie, Faculteit Bouwkunde, TU Delft
10. Tisma, A. and Gribnau, M. (2001): Deltametropool website, information or more? Deltametropool: Strategische rol van het ontwerpen. De Architectinische Interventie, Faculteit Bouwkunde, TU Delft
11. Frieling, D.H., Eijking, B. and Tisma, A. (2000): Deltametropool: Tijd als instrument van ordening. De Architectinische Interventie, Faculteit Bouwkunde, TU Delft
12. Tisma, A. (1997): Possibilities for new estates in West Brabant. A GIS-based planning study. Report 133, SC-DLO, Wageningen, Netherlands
13. Tisma, A. (1995): A GIS based planning for the re-use of agricultural land in The Netherlands with a case-study of Western North Brabant. In: "Scenario studies for the rural environment", Kluwer Academic Publishers, Dordrecht/Boston/London

#### **Journal articles and editorial**

14. Tisma, A., Velde, J.R.T. van der, Nijhuis, S and Pouderoyen, M. (2014). Metropolitan landscape characterization: A typo-morphological approach. In s.n. (Ed.), Conference proceedings: The production of place. London: University of East London. (forthcoming)
15. Tisma, A., Velde, J.R.T. van der, Nijhuis, S and Pouderoijen, M. (2014). A method for metropolitan landscape characterization; case study Rotterdam. SPOOL journal, 1(2)
16. Tisma, A. and Jokövi, M. (2007): The new Dutch parks: relation between form and use. Journal of Landscape Architecture (JoLa) no.4
17. Tisma, A. (2006): Park or square: Role of landscape architect in the design of urban open spaces. DaNS no. 53, Novi Sad
18. Tisma, A. (2006): Evaluation of a public participation geographic information system. Matica Srpska Proceedings for Natural Sciences, Novi Sad, 111, pp. 66-72.
19. Tisma, A. en Alphen, D. (2003): KwaliWijzer: Hulpmiddel om de gevolgen van ruimtelijke ingrepen te verkennen. Stedebouw en Ruimtelijke Ordening no.2
20. Tisma, A. (2001): Designing and deciding in the Deltametropool: DeltaM – a DSS for individual opinion forming about spatial interventions. International Journal of Design Sciences & Technology, vol.9 no.1
21. Tisma, A., Kastori, R., and Stankovic, Z. (1988): Potassium/sodium replacement influence on physiological processes of higher plants. Matica Srpska Proceedings for Natural Sciences, no.75.
22. Tisma, A. and Kastori, R. (1986): Relationship between root length and nitrogen, phosphorus, potassium, calcium and magnesium uptake in young pea plants (*Pisum sativum* L.). Matica Srpska Proceedings for Natural Sciences, no.70.

23. Kastori, R. and Tisma, A. (1986): Transportation of mineral substances from cotyledons in the course of seed germination and seedling growth in different pea varieties (*Pisum sativum* L.). *Matica Srpska Proceedings for Natural Sciences*, no. 70
24. Kastori, R. and Tisma, A. (1983): Determination of total root length by the indirect method. *Arhiv za poljoprivredne nauke*, no. 44.

### Reports and studies

25. Netherlands Environmental Assessment Agency (2013): Contribution to PBL rapport *Leren van het energieke platteland*, PBL, Den Haag
26. Tisma et al. (2009): Analyses of green and recreational areas of Novi Sad. Municipal institute for urban planning "Urbanizam", Novi Sad  
<http://www.nsurbanizam.rs/sites/default/files/1812-Studija%20zelenih%20i%20rekreativnih%20povrsina.pdf>
27. Tisma, A. & Vries G.J. de (1998): Terug naar de basis. Nieuwe wegen voor publieke besluitvorming? Bureau Het Metropolitane Debat, Delft, Netherlands
28. Group of authors (1992): Streekgewest Westelijk Noord-Brabant: interpretaties Strategisch Masterplan. Faculteit Bouwkunde, TU Delft
29. Jong, T. de & Tisma, A. (1992): Reader "Design nature", Faculteit Bouwkunde, TU Delft

### Conference proceedings papers

30. Tisma, A., Knecht, B. and van Egmond, P. (2013): Evaluation of the value of visualization techniques in communicating nature perspectives. AESOP-ACSP conference, Dublin
31. Tisma, A., et al. (2012): Metropolitan landscape characterization: A typo-morphological approach. *Production of Place*, London
32. Tisma, A. and Neto, M. (2011): Sustainable city: indicators for the metropolitan green. Conference proceedings *Open Space People Space 3*.  
<http://www.openspace.eca.ac.uk/pdf/appendixf/PROCEEDINGSfinalforwebwithcovers110707.pdf>
33. Tisma, A. (2010): Leisure landscapes in the Netherlands. IFLA conference  
[http://www.abap.org.br/congresso/paginas\\_congresso/tema\\_4/Alexandra%20Tisma/alexandra\\_tisma.html](http://www.abap.org.br/congresso/paginas_congresso/tema_4/Alexandra%20Tisma/alexandra_tisma.html)
34. Tisma, A. (2008): Contrasting realities: The role of designers in making urban green spaces useful for citizens. CD-Rom of the ACSP-AESOP conference, Chicago, USA
35. Tisma, A., Bijlsma, L. and Dammers, E. (2007): Private initiatives in housing developments in The Netherlands and the role of directed urban design. CD-rom of the ISOCARP conference, Antwerp, Belgium [http://www.isocarp.net/Data/case\\_studies/927.pdf](http://www.isocarp.net/Data/case_studies/927.pdf)
36. Tisma, A., Dammers, E. and Klemm, W. (2007): Private initiatives in housing developments in The Netherlands and the role of directed urban design. Abstract book of the AESOP conference, Naples. Italy

37. Tisma, A. and Jokövi, M. (2006): Contemporary urban green spaces in the Netherlands: Relationship between the form and recreational significance. Abstract book of the ECLAS conference, Bratislava, Slovakia
38. Tisma, A. and Kadijk, J. (2005): Possibilities of the interactive map of the New Map of the Netherlands as a public participation GIS. CUPUM 2005, London, UK
39. Tisma, A. (2005): A new computer supported design tool: RasterPlan. Proceedings and the website of the CORP 2005 conference, Vienna, Austria
40. Tisma A. (2004): RasterPlan: a tool to support transparent planning. Proceedings of The Seventh Sharjah Urban Planning Symposium, Sharjah, Uniter Arab Emirates
41. Tisma, A. (2003): KwaliWijzer: A tool for evaluation of the quality of spatial interventions. Electronic catalogue of the 5th Biennial of Towns and Town Planners in Europe, Barcelona, Spain
42. Tisma, A. and Lörzing, H. (2003): Evaluation framework for spatial interventions. Proceedings of the Framing land use Dynamics conference, Utrecht, Netherlands
43. Tisma, A (2003): KwaliWijzer: An evaluation framework for spatial interventions. Proceedings of the 8th international conference on computers in urban planning and urban management, Sendai, Japan
44. Tisma, A. (2001): Designing and Deciding in the Deltametropool: DeltaM - A DSS for Individual Opinion Forming about Spatial Interventions. Proceedings of the Europaia conference, Delft, Netherlands
45. Tisma, A. (2001): Designing and deciding: Development of a decision support system for citizens' participation in spatial decision making. Proceedings of the CAADRIA conference, Sydney, Australia
46. Tisma, A. (2001): Spatial planning and electronic democracy: Technologies to support citizens' participation in spatial decision making – DeltaM DSS. Proceedings of the CORP2001 conference, Vienna, Austria
47. Tisma, A. (2000): Information Design for Public Decision-Making: Case of the Masterplan for the South Axis in Amsterdam. Proceedings of the URISA 2000 conference, Orlando, USA
48. Tisma, A. (1999): DeltaM - A decision support system for individual opinion forming about Spatial Plans. Proceedings of the Web-Net '99 conference, Honolulu, USA
49. Tisma, A. (1999): Development of a Decision Support System for the decision making in spatial planning. Proceedings of the URISA conference, Chicago, USA
50. Tisma, A. (1998): Designing and deciding. Development of the DSS based on the case-study of the landscape transformation of the south axis of Amsterdam. Conference proceedings of the 4th Design & DSS conference, Maastricht, Netherlands
51. Tisma, A. & Frieling, D.H. (1997): "Regio" software - a tool for design and evaluation of regional plans. Conference proceedings of the Educational Multimedia and Hypermedia 1997, Calgary, Canada

52. Tisma, A. (1996): Multimedia training designing the Randstad area. Conference proceedings of the 3rd International Conference on Design and Decision Support Systems in Architecture and Urban Planning, Spa, Belgium
53. Tisma, A. (1995): Multimedia GIS as a design tool with a case-study of new estates in West Brabant. Conference proceedings of Joint European Conference on Geographic Information, The Hague
54. Tisma, A. (1994): A GIS based planning for the re-use of agricultural land in The Netherlands with a case-study of Western North Brabant. Conference proceedings of EGIS-MARI, Paris, 1994.