



Curriculum Vitae

Michael W Mehaffy, Ph.D.

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Updated as of January 2016

1. PROFESSIONAL EXPERIENCE

President, Structura Naturalis Inc. Consultant to governments, NGOs and private developers in sustainable development strategies, urban designs, codes, standards and certifications. Projects have included noted urban development projects in the US, Canada, Mexico, South America and Europe. Work has pioneered new tools, certification programs and implementation strategies, reflecting the latest advanced research and evidence-based practice. (1993–present)

Executive Director, Sustasis Foundation, 501(C)(3) NGO in Portland, Oregon. Research, publication and consulting in climate change and urban morphology, new coding approaches, strategic urban development, implementation strategies, economic toolkits, and related topics. Create partnerships and research for publication; organize or collaborate on conferences and symposia. Website: www.sustasis.net. (2007–present)

Director of Education, The Prince’s Foundation for the Built Environment. Directed creation of a new program in sustainable urbanism, in partnership with the UK Office of the Deputy Prime Minister, Royal Institute of British Architects, Royal Town Planning Institute, English Heritage, other leading NGOs, and six universities. (2003–2006)

Project Manager, PacTrust. Project manager and owner representative for the master developer of Orenco Station, a landmark transit-oriented development in Portland, Oregon, described in a New York Times op-ed as “perhaps the most interesting experiment in New Urbanist planning anywhere in the country.” The project used one of the earliest “form-based codes” in the country. (1997–2003)

Project Manager, designer, builder and developer, Green Gables Design and Restoration Inc. (senior project manager), and/or Diata Development Co.(owner). Supervised projects to \$2 million and staff up to 20, including self-financed projects. Architectural apprenticeships, design, documentation, finance, hands-on construction, development and business management. (Additional information on request.) (1982–1997)

2. EDUCATION

Delft University of Technology, Netherlands, Faculty of Architecture. Awarded Doctorate for research in architecture, urban design and development, and greenhouse gas emissions. Program ranked #3 in 2015 QR World University Rankings. (2011–2015)

The University of California, Berkeley, College of Environmental Design, Masters Program in Architecture. Study areas: architecture, planning, urban design and sustainable urban development. Credit toward Masters degree; GPA 3.8. (1980–1981)

The University of Texas at Austin, Graduate School, Masters Program in Department of Philosophy. Study areas: philosophy of science, philosophy of design, culture and technology, public affairs, and business management theory. Credit toward Masters degree. Graduate Record Exam: 720 Verbal, 700 Math. (1979–1980)

The Evergreen State College. Architecture, music composition, and liberal arts. Innovative program in self-directed scholarship. Bachelor of Arts. (1977–1978)

The University of Texas, Plan II Interdisciplinary Honors Program. Liberal arts, sciences and philosophy. (1975–1976)

California Institute of the Arts. 20th century music, art, design, philosophy and liberal arts. Top-ranked US arts school. Granted early admission. (1973–1975)

3. ACADEMIC AND RESEARCH EXPERIENCE

Member of the Faculty and Researcher, Delft University of Technology. Research in urban morphology and greenhouse gas emissions. Doctoral research was completed and published September 2015 (awarded doctorate on 30 November 2015).

Adjunct Faculty, University of Oregon, School of Architecture and Allied Arts. Instruction in architecture and urban design theory, history, design studio, Portland Urban Architecture Program. Research Associate, Portland Urban Architecture Research Laboratory. (2008-present, intermittent)

Sir David Anderson Fellow, University of Strathclyde, Faculty of Architecture, Glasgow, UK. Researcher and lecturer in sustainable architecture, urban design and development, and walkable cities. Consultant on curriculum development for new graduate degree and distance learning programs. 1-year appointment. (2011-2012)

Visiting Faculty Associate, Arizona State University. Dual appointment to School of Geographical Sciences and Urban Planning, and School of Sustainability, Phoenix, AZ. Lecturer and researcher in urban planning and design, sustainable urban development, TOD, codes, development economics, and related topics. (2011-2012)

Visiting Professor, University of Trento, Italy. Lecturer in sustainable urban development, philosophy of design, biophilia, evidence-based design, and related topics. Collaborator in the Center for Aesthetics in Practice. (2010-2011)

Visiting Professor, Tecnologico de Monterrey, Department of Architecture, Queretaro, Mexico. Collaborator on creation and development of a new graduate degree program in sustainable urban development and new urbanism; develop curriculum materials, organize and conduct study tours, teach classes. (2006-2012, intermittent)

Research Associate, Centre for Environmental Structure. Research center founded and directed by design pioneer Christopher Alexander in 1967, home of noted research and publications on pattern languages and other award-winning work. Research collaborations with Alexander and colleagues on sustainable design, generative codes and pattern languages. (2006–2012)

Guest Lecturer and/or Visiting Critic, Bartlett School at University College London, University of Greenwich, Politecnico de Bologna, Technical University Dortmund, Catholic University of Portugal, University of Miami, University of Notre Dame, et al. (2003–present)

Academic Chair, the European School of Urbanism and Architecture. Directed creation of a pilot curriculum in sustainable urban development funded by the European Union's Leonardo da Vinci Programme. Lectured, taught classes, wrote curricular materials. Website: www.esua.org. (2007–2008)

Coordinator, EDUAC project (European Dissemination of Urbanism Architecture and Crafts). Directed further development of a pilot curriculum in sustainable urban development, with an emphasis on the integration of traditional crafts skills. Partnered and worked closely with six universities, as well as NGOs and private practitioner consultants. Prepared and managed workshops, lectured, taught classes, prepared curricular materials. (2008–2010)

Director of Education, The Prince's Foundation for the Built Environment. Partner with six universities in development of new graduate degree educational programmes and curricula. See listing above for more information. (2003–2005)

4. EDITORIAL, NGO, OR ADVISORY BOARDS

Member, Editorial Board, Urban Design International (2008-present)

Member, Editorial Board, Journal of Urbanism (2007-present)

Member, Editorial Board, Cuadernos de Arquitectura y Nuevo Urbanismo (2008-2013)

Board member, Goose Hollow Foothills League, Portland, OR neighborhood association and quasi-governmental city planning body (2015-present)

Member, Correspondence Committee, LEED-ND sustainable urban rating system (2007-2009)

Founding Board Member and Chair, INTBAU-USA, US chapter of London-based NGO dedicated to sustainable urbanism in traditional settlements (2007-present); elected Chair of international body, INTBAU College of Chapters, August 2014 through 2016.

Board member, Council for European Urbanism (C.E.U.), Stockholm-based professional association of urban planners, designers and architects (2009-present)

Member, Advisory Board, Expert Advisory Group on Development of Centers and Corridors, Metro (Portland) (2009)

Member, Research Advisory Board, "Transforming Land Use Regulations – Active Living Research," joint research project of Portland State University and Temple University, funded by the Robert Wood Johnson Foundation (2007-2009)

Co-chair, Sprawl Retrofit Initiative, Congress for the New Urbanism 2012-present

5. RESEARCH GRANTS AND PROGRAM CONTRACTS

Sir David Anderson Bequest, University of Strathclyde, Glasgow, UK. £18,000 research award for work in sustainable urbanism, urban codes, walkable cities, curriculum development and related work. (See additional listing below.) 2011

The Prince's Foundation for the Built Environment, £40,000, grant for research with Dr. Christopher Alexander on new "generative codes" for sustainable urban development, 2005-2006. Christopher Alexander, PI; Michael Mehaffy, managing director.

Academy for Sustainable Communities (UK), £20,000, grant to develop new professional education program at The Prince's Foundation for the Built Environment, 2005. Michael Mehaffy, Director of Education and applicant.

Eva and Hans K. Rausing Trust, £750,000 (renewal), grant to develop new education curriculum at The Prince's Foundation for the Built Environment, 2004. Michael Mehaffy, Director of Education.

Leonardo Da Vinci Programme in Lifelong Learning, European Union, €250,000 for new inter-disciplinary curriculum in sustainable architecture and urbanism for continuing professional education. Michael Mehaffy, partner applicant (as Director of Education, the Prince's Foundation for the Built Environment) and chair, academic committee.

6. HONORS AND AWARDS

Sir David Anderson Fellowship Award, University of Strathclyde, Glasgow, UK (see above); Arthur Ross Award for Community Planning, 2006 (for work on Hurricane Katrina recovery, shared); Unanimously elected Colleague, INTBAU College of Traditional Practitioners, 2005; National Awards Council for Environmental Sustainability, 2001 (shared); FTA/APA/AIA/ULI/STPP Livable Communities Transit Design Award, 1999

(shared); Ahwahnee Award for Smart Growth 1998 (shared); Governor's Livability Award, 1998 (shared).

7. PROFESSIONAL CREDENTIALS

CNU-A; ICTP; Qualified to register as an architect in Washington State, USA pending exam (as of 1996).

8. PROFESSIONAL MEMBERSHIPS

Council for European Urbanism (board member); International Network for Traditional Building, Architecture and Urbanism (founding board member, US chapter, and chair, College of Chapters); Colleague, INTBAU College of Traditional Practitioners; Executive Committee member, Sprawl Retrofit Initiative, Congress for the New Urbanism

9. PROFESSIONAL RECOGNITION

Interviews and/or Profiles: *Scientific American*, *Newsweek*, *Voice of America*, *The Atlantic*, *The Wall Street Journal*, *Mother Jones*, *Traditional Building*, and others. Regular contributing author, *Urban Land*, *The Atlantic Cities*, *City Lab*, *Metropolis*, *Building* (UK), *Planetizen*, *Better Cities and Towns*, *Cityminded*.

10. SELECTED PROJECTS

- 2014-present Habitat III (Planning and "key messages")
Client: United Nations, UN-Habitat and Ax:son Johnson Foundation
Academic Chair of the Future of Places forum, partnership of UN-Habitat, project for Public Spaces and Ax:son Johnson Foundation (client), as lead-in to Habitat III. Led 2014 consultation with Joan Clos, Secretary-General of Habitat III, on planning for Habitat III on the strategic value of public space in economic and environmental benefits for cities.
- 2015 Moscow City Street Code
Client: City of Moscow, Russian Federation (through Strelka KB)
Strategic consulting, programming, code development for new city-wide street code.
- 2015 City of West Linn City Zoning Code
Client: City of West Linn, Oregon USA
Strategic consulting, programming, code development for new code and master plan updates for redevelopment area adjacent to Willamette Falls, Oregon.

- 2012-15 Vista Field
Client: Port of Kennewick, Kennewick, WA
 Strategic planning, coding, urban design, transportation design and scenario analysis for sustainable development of 112-acre urban infill site. Project manager for multi-consultant team on \$200 million greyfield redevelopment project.
- 2013-14 Yachay City Plan
Client: Government of Ecuador
 Consultant to the government for Ecuador's first new masterplanned city, a university town of 200,000 north of Quito. Consultant on urban design, sustainable development and strategic implementation issues.
- 2012 Standards and certifications for Sustainable Development
Client: CTS-EMBARQ, Mexico City, Mexico
 Consultant on sustainable development for international NGO working with municipal governments in Mexico City, San Luis Potosi and Zacatecas. Developed regulatory tools, certifications and incentives.
- 2011-12 Affordable and sustainable housing for transit-oriented development
Client: REACH Community Development Corp., Portland, OR
 Strategic planning and entitlement for new workforce housing project on Portland's light rail line, featuring Passivhaus standards
- 2010-12 Affordable housing for transit-oriented development
Client: Northwest Housing Alternatives, Portland, OR
 Strategic planning and entitlement for new senior affordable housing project on Portland's light rail line
- 2011-12 Bahia Muyuyo Redevelopment
Client: Lapentti Development, Guayaquil, Ecuador
 Consultant for development of 450 hectare site featuring ecological development of urbanizing area west of Guayaquil. Provided certification and coding standards. Project has been planned as a model of mixed-income, sustainable urban development.
- 2009-10 Portland Sustainability Institute, EcoDistricts Initiative
Client: PoSI, Portland, OR
 Consultant for new government-sponsored sustainability institute on eco-districts initiative and other regional sustainability goals. Lead author of white paper "toolkit" on policy changes needed.
- 2010 Stafford Triangle Urbanization Strategy
Client: City of Lake Oswego, Oregon
 Developed strategic plan for urbanization of new urban extension area of Portland urban growth boundary. Wrote draft language for the Inter-Governmental Agreement.

- 2010 South Downtown Town Center and Transit-Oriented Development
Client: City of Milwaukie, Oregon
Strategic development advisor for the City.
- 2009 Metro 2040 Regional Growth Plan Implementation
("Sustainable Development of Centers and Corridors")
Client: Metro (Portland, OR)
Advised local government on transit-oriented development and development of successful centers and corridors, and low-carbon planning, as part of Expert Advisory Group. Completed and presented report on regional strategy.
- 2009 Badger Project, Redmond, Oregon
Client: Serjante Group
Project management consultant for analysis, acquisition, design team assembly, entitlement, project economics, marketing for 50-acre master-planned community featuring on-site power, waste recovery systems, solar photovoltaics and other features.
- 2008 Oslo Harbor Redevelopment, Norway
Client: Bjorvika Local Council, Oslo
Consulted with local government on harbor-front redevelopment project, and standards of sustainability and low-carbon design.
- 2008 Santa Rosa, Queretaro, Mexico
Client: Nuevo Urbanismo LatinoAmerica (NULA)
Consulted on LEED-ND and design concepts for urban extension project for 20,000 homes in a major city near Mexico City, experiencing rapid urbanization.
- 2007 Ontario Growth Secretariat, Toronto Ontario
Client: Ontario Growth Secretariat
Consulted with local government on transit-oriented development and case studies for Ontario's regional planning.
- 2007 Klamath Valley Revitalization Planning, California
Client: Ford Family Foundation
Consulted with local stakeholders and government representatives on new economic and design strategies for revitalization of economically depressed timber region. Developed a community "Pattern Language" and proposals for a community arts center, now in progress.
- 2007-09 Cherry Park at Orenco Station
Client: Walsh Investment Company, Portland, OR
Transit-oriented development project consisting of one 5-acre parcel and 61 homes, and adjacent parcels totaling 10 acres for mixed-use development (part of the final phases of Orenco Station – see below). Project manager, coordinator of entitlement, architecture and engineering, and consultant on project economics and marketing.

- 2007-09 Pringle Creek Community, Salem, Oregon
Client: Sustainable Development Incorporated, Salem, OR
 Award-winning redevelopment of 250-acre Oregon State Hospital site, with extensive use of new ecological neighborhood design features including NEED-ND compliant design and the highest-scoring LEED home in the US at the time. Consultant to owner for all phases of development.
- 2006-08 Unified New Orleans Plan
 Regional and local planning for hurricane-ravaged New Orleans
Client: Greater New Orleans Foundation, Unified New Orleans Plan (City of New Orleans)
 Helped to organize and run a major planning project, including a local community charrette. Spearheaded a major element of the plan "Neighborhood Rebuilding Centers," now a key part of the Unified New Orleans Plan. Worked closely with residents, business owners, local government officials, national agencies, and technical experts.
- 2006 Gentilly Community Charrette
 Local recovery planning for post-Katrina New Orleans
Client: Gentilly Civic Improvement Association, New Orleans City Councilwoman Cynthia Hedge-Morrell
 Helped to organize and run a planning pilot project, including a local community charrette. Developed early concepts of recovery, conducting research. Worked closely with residents, business owners, local government officials, national agencies, sociologists, and technical experts.
- 2005 Coastal Mississippi Recovery Plan
 Regional and local planning for hurricane-ravaged section of coastal Mississippi
Client: Mississippi Governor's Office and Mississippi Renewal Forum
 Helped to organize and run a major regional planning and urban design project at the invitation of the Mississippi Governor. Met with local planners, elected officials, citizens et al., and developed detailed proposals.
- 2001-2008 Harbor Peak, Brookings, Oregon
Client: Harbor Construction
 Consulting project manager for new mixed-use community of 1,200 homes and 50,000 SF commercial. Assembled design team, conducted master planning and design guidelines, worked with consultants and government officials.
- 1997-2003 Orenco Station, Oregon
Client/Employer: PacTrust
 Owner representative and project manager for new mixed-use community of 1,800 homes and 650,000 SF retail/office/industrial. Management of urban design and building design for a large pension-fund partnership, in close collaboration with regional planning authorities. Supervised the production of design documents and publications, and managed all phases. Prominent award-winning project.

11. PUBLICATIONS

Refereed Journal Articles (2015 Google Scholar h-index =7; I10 Index=6; 300 citations)

1. "Counting Urban Carbon: Effective Modeling of Resource-Efficient Urban Design Decisions under Uncertain Conditions." *International Journal of Architectural Research: ArchNet-IJAR* 8.2 (2014): 20-35.
2. "Unpacking Density: Exploiting Urban Design Strategies in Carbon Reduction Strategies." (With A van den Dobbelsteen and T Haas.) *Nordic Journal of Architectural Research*, 2.14 (2014): 9-34.
3. "The "neighborhood unit" on trial: a case study in the impacts of urban morphology." (With Sergio Porta and Ombretta Romice.) *Journal of Urbanism: International Research on Placemaking and Urban Sustainability* (2014): 1-19.
4. "Prospects for scenario-modelling urban design methodologies to achieve significant greenhouse gas emissions reductions." *Urban Design International*. 24 July 2013; doi: 10.1057/udi.2013.9
5. "Wiki as Pattern Language." (With Ward Cunningham.) In *Proceedings of the 20th Conference on Pattern Languages of Programs (PLoP'13)*, Monticello, Illinois, USA (October 2013). 15 pages.
6. "On the Importance of Post-Occupancy Research." *Journal of Urbanism: International Research on Placemaking and Urban Sustainability*. Volume 4, Issue 2, 2011
7. "A City is Not a Rhinoceros: On the opportunities and dangers of morphogenetic design." *Built Environment*. Vol 37, No. 4, December 2011.
8. "Quality of Life by Design: The Science of a Structuralist Revolution"
Invited paper for the Athens Dialogues on Culture and Civilisation
The Athens Dialogues E-journal, November 2010
Accessed at <http://athensdialogues.chs.harvard.edu>
9. "Urban Nuclei and the Geometry of Streets: The "Emergent Nuclei" Model"
Paper co-authored with S. Porta, Y Rofe and N Salingaros
Urban Design International, Volume 15, Number 1, 2010 , pp. 22-46(25)
10. "The Factors of Urban Morphology in Greenhouse Gas Emissions: A Research Overview"
Paper co-authored with D Urge-Vorsatz (IPCC) and S Cowan (Sustasis Foundation)
Accepted and presented at the International Alliance of Research Universities
Scientific Conference on Climate Change, Copenhagen DK. *IOP Conf. Ser.: Earth Environ. Sci.* 6 202001, March 2009

11. "Opportunities and dangers in the current urban research agenda"
Outline of current challenges for research in sustainable urbanism
Journal of Urbanism (2-1, 5-6), March 2009
12. "Generative Methods in Urban Design: A Progress Assessment"
Journal of Urbanism (1-1, 59-79), March 2008
13. "On the Nature of Order: An Interview with Christopher Alexander"
Urban Design International (12, 51-57), 2007
14. "Notes on the Genesis of Wholes: Christopher Alexander and his Continuing Influence"
Urban Design International (12, 41-49), 2007
15. "Social Housing: A Methodology to Utilize Processes of Self-Organization"
Paper co-authored with D Brain, A Duany, E Philibert, N Salingaros
Proceedings of the Ibero-American Congress on Social Housing, 2006

Book Reviews

1. *Biophilic Design: The Theory, Science, and Practice of Bringing Buildings to Life*
Stephen R. Kellert Judith H. Heerwagen and Martin L. Meador, eds.
Proceedings of the Institution of Civil Engineers (UK), May 2012
2. *Planning Paris Before Haussmann*
Nicholas Papayanis, author
Journal of Planning Literature, August 2005

Books and Book Chapters

1. *Urban Form and Greenhouse Gas Emissions: Findings, Strategies, and Design Decision Support Technologies*
ABE, Delft University of Technology (doctoral dissertation published as book)
2. *Design for a Living Planet*
(Co-authored with Nikos Salingaros)
Sustasis Press: Portland, Oregon
3. "New Urbanism and Sustainable Urban Form"
In *Sustainable Urban Form*
Bashir Kazimee, Editor
Cognella, New York
4. "The Empire's New Clothes"
In *The Geography of Nowhere, 20th Anniversary Edition*
James Howard Kunstler, Principal Author
Simon and Schuster, New York

5. "A Pattern Lingo"
In *Charter of the New Urbanism, 20th Anniversary Edition*
Congress for the New Urbanism, Ed., Princeton Press, 2013
6. "Art Vitiating Life"
In *Landscape Urbanism and Its Discontents: Dissimulating the Sustainable City*
Emily Talen, Ed., Washington, D.C.: Island Press, 2013
7. "Climate Change and the Differential Evidence of European Urbanism"
In *Sustainable Urbanism and Beyond*, Tigran Haas, ed. New York: Rizzoli, 2012
8. "Building Sustainable Communities: The Ecological and Economic Toolkit"
In *Sustainable and Resilient Communities: A comprehensive action plan for towns, cities and regions*. Steven Coyle, Ed. 2010: John Wiley and Sons, New York.
9. "Horizons of Pattern Languages"
In *Patterns, Pattern Languages and Sustainability: Symposium Proceedings*
University of Oregon Foundation, May 2010
10. "Another Version of Nature: On the Abuse of an Ideal"
Co-authored with Brian Hanson
In *New Palladians: Modernity and Sustainability in the 21st Century*
ArtMedia Press, London, May 2010
11. "Evolving Conceptions of Sustainability"
In *The Venice Charter Revisited*
Matthew Hardy, Ed.
Cambridge Scholars Publishing, Newcastle (UK), November 2008
12. "Growing Sustainable Suburbs: An Incremental Strategy for Reconstructing Sprawl"
Co-authored with Nikos Salingaros and Lucien Steil
In *New Urbanism & Beyond: Contemporary and Future Trends in Urban Design*
Rizzoli, New York, March 2008
13. "New Science, New Architecture... New Urbanism?"
In *New Urbanism & Beyond: Contemporary and Future Trends in Urban Design*
Rizzoli, New York, March 2008
14. "Generative Codes: The Path to Welcoming, Beautiful and Sustainable Neighborhoods"
Co-authored with Christopher Alexander, Maggie Moore Alexander, Brian Hanson and Randy Schmidt. In *New Urbanism & Beyond: Contemporary and Future Trends in Urban Design*. Rizzoli, New York, March 2008
15. "From Pattern Languages to Generative Codes: A Report on the Work of Christopher Alexander and Associates"
In *New Architecture and Urbanism: Development of Indian Traditions*
INTBAU-INDIA, New Delhi, 2008

16. "Architectural Education in an 'Age of Sustainability'"
In *Proceedings of The Oxford Conference: A Re-Evaluation of Education in Architecture*
WIT Press (59-62), July 2008
17. "Codes and the Architecture of Life"
In *Crossover: Architecture, Urbanism, Technology*
010 Publishers, Rotterdam, 2006
18. "Geometrical Fundamentalism"
(With Nikos Salingaros)
In *A Theory of Architecture*
Umbau-Verlag, Sollingen, 2006
19. "Making TODs Work: Lessons From Orenco Station"
In *Planetizen's Contemporary Debates in Urban Planning*
Island Press, 2006
20. "Education and Practice for a New Modernity"
In *The Teaching of Architecture and Urbanism in the Age of Globalisation*
Caleidoscopio, Casal de Cambra, Portugal, 2006
21. "The Architecture of the New Modernity"
In *Aesthetics and Architectural Composition*
Literature Verlag, Dresden, 2005
22. "Deconstructing the Decons"
(With Nikos Salingaros)
In *Anti-Architecture and Deconstruction*
Umbau-Verlag, Sollingen, 2005
23. "The Viseu Declaration on Architectural Education in the 21st Century"
(Principal author/drafter)
In *Windsor Forum on Design Education: Toward an Ideal Curriculum to Reform Architectural Education*
New Urban Press, Miami, 2004

Non-Refereed Professional Articles

1. "Five Key Findings of the New 'Science of Cities'"
CityLab (formerly *The Atlantic Cities*), September 2014
2. "Medellin's Improbable Renaissance"
Urban Land, April 2013

3. "The Grave Health Risks of Unwalkable Cities"
With Richard J. Jackson, MD, MPH
The Atlantic Cities, July 2012
4. "The Real Reason Cities Can Be So Much Greener Than Other Places"
The Atlantic Cities, February 2012
5. "The Unbearable Cost of Sprawl"
With Galina Tachieva
The Atlantic Cities, November 2011
6. "Sovereign Debt Crisis: Implications for Europe"
Urban Land (Urban Land Institute), December 1, 2011
7. "The Panama Canal Expansion and Impact on Industrial Real Estate"
Urban Land (Urban Land Institute), November 29, 2011
8. "Postindustrial Development: A Growing Opportunity for Sustainable Development"
Urban Land (Urban Land Institute), November 29, 2011
9. "Reports of the Death of GSEs May Be Greatly Exaggerated"
Urban Land (Urban Land Institute), October 28, 2011
10. "Recovery in the U.S. economy is well underway—but continued unemployment and the European debt crisis are leaving a 'global stagnation cloud'"
Urban Land (Urban Land Institute), October 28, 2011
11. "How are public-private partnerships faring in today's tough environment?"
Urban Land (Urban Land Institute), June 2011
12. "Reduce, Re-use – Renovate"
Urban Land (Urban Land Institute), January 2011
13. "Another view of closed-end funds"
An interview with Simon Treacy
Urban Land (Urban Land Institute), Dec 2010
14. "Going to Town"
Three European cities tackle urban vitality and climate change with varying approaches to town center redevelopment
Urban Land (Urban Land Institute), Nov-Dec 2008
15. "Oslo's 'Fjord City'"
After controversy forced a redesign, an ambitious harbor redevelopment plan is proceeding
Urban Land, October 2008

16. Discourse: "Patterns of City Life"
Daylight and Architecture, June 2008
17. "Sustainable Cities Without Skyscrapers?"
Corriere Della Serra, 2008 (Italian)
18. "Venezuela's Socialist Cities"
Awash in oil profits, the Hugo Chavez government is embarking on a plan to resettle hundreds of thousands of slum dwellers in new sustainable exurban communities
Urban Land, May 2008
19. "Cuba Libre?"
Uncertainty builds as Cubans anticipate economic reforms following Fidel Castro's resignation
Urban Land, March 2008
20. "Research and Development Priorities for the Long Emergency"
Council Report V, Congress for the New Urbanism, February 2008
21. "Redeveloping the Sink Estates:
England explores new options for a generation of failing public housing"
Urban Land, February 2008
22. "Book Review: The Act of Creation and the Spirit of Place"
Urban Design International (12, 59 – 61), 13 Aug 2007
23. "Oregon Green: A new community in Salem, Oregon is raising the bar for sustainable development"
Urban Land, June 2007
24. "Advice from a Town Center Builder"
Planning Commissioners' Journal Spring 2006
25. "The Real Avant-Garde"
Essay Column
Building (UK), April 2006
26. "Book Review: Planning Paris Before Haussmann"
Journal of Planning Literature, Vol. 20, No. 4, 462-463 (2006)
27. "Dear Bill: Poundbury versus BedZed"
Joint Essay/Debate with Ecological Architect Bill Dunster
Building (UK), May 2005
28. "Urban Myths"
Essay on New Urbanism and Its Critics
Planetizen, May 2005

29. "Attack of the Clones?"
Essay on the UK Government Plans for Housebuilding
Regeneration and Renewal, December 2004
30. "The New Modernity"
Katarxis3, September 2004
31. "Meaning and the Structure of Things"
Katarxis3, September 2004

12. INVITED KEYNOTE LECTURES AND PLENARY PRESENTATIONS

1. "The New Urban Agenda in the Fight Against Climate Change: Combating the Growth of Sprawl and the Decline of Healthy Public Space Systems"
Keynote presentation at COP21 session, co-hosted by UN-Habitat, ICLEI, and Ax:son Johnson Foundation
Paris, FR (December)
2. "Defining the 'New Urban Agenda' for COP21 And Beyond"
Keynote presentation at annual conference of Council for European Urbanism
Berlin DE (November)
3. "The Importance of Public Space in Rapidly Urbanising Cities"
Presentation and discussion
In PrepCom2 conference for Habitat III (UN-Habitat)
Nairobi, Kenya, March 2015
4. "Data, Inclusive Cities & Knowledge Networks"
Presentation and panel moderation
In conference, *Acting Locally, Understanding Globally*
Santa Fe Institute
Santa Fe, NM, November, 2014
5. "Cities are the problem, but cities are the solution too"
Panel presentation
In conference, *Five Crucial Decades*
University of British Columbia
Vancouver BC, November 2014
6. "Place Networks: The structure of healthy streets and sidewalks"
Plenary presentation
International Making Cities Livable Conference
Portland, Oregon, June 2014

7. "Place Networks: Toward a consilience of urban spatial theories"
International Lecture Series
Technical University Vienna
Vienna, Austria May 2014
8. "The Sustainable Growth of Cities in a Critical Age"
Keynote Lecture
INTBAU Poland/Krakow University of Technology
Krakow, Poland May 2014
9. "Place Networks: Toward an integrated model of urban spatial relations"
(Redes de Lugar: Hacia un modelo integrado de los relaciones espaciales urbanas)
Keynote Lecture (given in Spanish)
Government of Ecuador/Empresa Yachay
Quito, Ecuador, January 2014
10. "Networks, Self-Organization, Resilience, Agile: The new agenda for architecture and urban design"
International Lecture Series Speaker
Universidad de las Americas
Quito, Ecuador, January 2014
11. "Cities in the Age of Complexity"
Keynote lecture for Engelsberg Seminar
Ax:son Johnson Foundation and KTH University Stockholm
Stockholm, Sweden, June 2013
12. "Urban Acupuncture in Portland and Beyond":
Plenary lecture and workshop for 50th International Making Cities Livable conference
Portland, Oregon, June 2013
13. "Place Networks: Toward an integrated model of urban spatial relations"
(Redes de Lugar: Hacia un modelo integrado de los relaciones espaciales urbanas)
Keynote Lecture for "Habitat en Seminario" Conference (given in Spanish)
Escuela del Habitat – CEHAP
Universidad Nacional de Colombia
Medellin, Colombia, October 2012
14. "Christopher Alexander's *The Nature of Order*: Exploring new strategies for the management of complexity"
Keynote Speech
Vista Software Second Annual Developer Conference
Seattle, WA., September 2012

15. "Biophilia and Evidence-Based Design"
Plenary presentation in conference, "Settimana de Buon Vivere"
Symposium co-organized with Richard J. Jackson (UCLA), Stephen Kellert (Yale),
Center for Health Design and Renato Troncon (Univ of Trento).
Cesena, Italy, October, 2011
16. "The Structure of Walkable Cities"
Invited guest lecture to the City of Glasgow
Glasgow, UK October, 2011
17. "Walkability and Age-Friendly Cities"
Keynote speech for WHO "Age-Friendly Cities" conference
Dublin, Ireland, September 2011
18. "The Modern Structure of Walkable Cities"
Sir David Anderson Award Annual Lecture
University of Strathclyde
Glasgow, UK, May 2011
19. "Sustainability in the Post-Sprawl Economy"
Keynote/introduction for INTBAU Symposium
In "Growing Green" conference
Chicago, IL., October 2010
20. "Connecting the Dots Between Land Use, Transit and Affordable Housing:
Achieving 'Settlement Efficiency'"
Plenary Presentation
Housing Land Advocates Conference
Salem, Oregon, October 2010
21. "Orenco Station: Case Study and Post-Occupancy Research"
Keynote presentation to delegation of policy and business leaders
from Queensland, Australia
Hillsboro, Oregon, September 2010
22. "New Advancements in Sustainable Urban Technology"
Plenary presentation in professional symposium,
"Design and Engineering for the 21st Century"
TIS Innovation Park
Bolzano, Italy, May 2010
23. "Evidence-Based Design: Evolving Implications for Practitioners"
Research paper presentation
Congress for the New Urbanism
Atlanta, Georgia, May 2010

24. "Climate Change and Innovative Urban Technology"
Guest speaker lecture for public series on philosophy and technology
University of Trento
Trento, Italy, March 2010
25. "Sustainable Urbanism: An Opportunity Within a Crisis"
Timisoara University Public Lecture Series
Timisoara, Romania, April 2010
26. "What is Sustainable Urbanism? Evolving Concepts, Metrics and Methodologies"
Guest speaker for the Dortmund Public Lecture Series
Technical University Dortmund
Dortmund, Germany December 2009
27. "The Work of Christopher Alexander"
Introductory address for the Vincent Scully Prize
National Building Museum, November 2009
28. "New Horizons of Pattern Languages"
Keynote address, conference "Patterns, Pattern Languages and Sustainability"
University of Oregon, October 2009
29. "The Convergence of the Ecological and the Economic"
Plenary lecture at the Traditional Building Exposition and Conference
Baltimore, MD, October 2009
30. "Craft, Place and Sustainability"
Keynote lecture for the European School of Urbanism and Architecture
Curtisoara, Romania, August 2009
31. "Portland and Vancouver: Profiles of New Sustainability Efforts"
Lecture, study tour and moderation of symposia
Portland Metro, City of Portland, University of Oregon
City of Vancouver, University of British Columbia, Simon Frasier University
ITESM University, July 2009
32. "Recent Research in Sustainable Buildings and Urbanism"
Plenary presentation
INTBAU College of Traditional Practitioners,
Symposium on Sustainable Building
Art Workers' Guild, London, May 2009
33. "The Factors of Urban Morphology in Greenhouse Gas Emissions:
A Research Overview"
Paper presented at the International Alliance of Research Universities
Scientific Congress on Climate Change
Copenhagen, March 2009

34. "Lessons from the New Sciences for Sustainable Architecture"
Plenary presentation, Conference on Sustainable Architecture
University of Notre Dame (US), February 2009
35. "Unpacking Density: A Research Overview"
Plenary presentation
Council for European Urbanism conference, "Climate Change and Urban Design"
Oslo, Norway, September 2008
36. "The European School of Urbanism and Architecture: Curriculum Structure and Test Results"
Session keynote presentation
Council for European Urbanism conference, "Climate Change and Urban Design"
Oslo, Norway, September 2008
37. "New Generative Methodologies for Low-Carbon Urban Morphology"
Guest presentation to Urban Research Seminar at the Bartlett School of Planning
University College London, June 2008
38. "Architectural Education for an 'Age of Sustainability'"
Plenary presentation of invited and published paper
Oxford University 50th Anniversary Conference on Architectural Education
Oxford, UK, Jul 2008
39. "Climate Change and Urban Design: An Overview of Recent Trends, Metrics, Tools"
Keynote lecture to students of Technical University Berlin and others
Programme of the European School of Urbanism and Architecture
Berlin, Germany, June 2008
40. "Mechanism Design Theory and Sustainable Urban Development"
Presentation of paper to the Academic Session, Congress for the New Urbanism
Austin, Texas, April 2008
41. "Toward a Sustainable 21st Century Urbanism"
Public lecture at Tecnologico de Monterrey University
Queretaro, Mexico, February 2008
42. "Climate Change and Urban Design: The Implications of New Research"
Invited guest lecture at Oslo harbor redevelopment community planning workshop
Oslo, Norway, January 2008
43. "Tools for Urban Connectivity"
Invited guest lecture to students of Timisoara University and others
Programme of the European School of Urbanism and Architecture
Oslo, Norway, January 2008

44. "The Death and Life of a Great American City: Lessons from New Orleans"
Plenary presentation and report
American Society of Landscape Architects 2007 Conference
San Francisco, CA October 2007
45. "The New Sciences and the Spirit of Place: Evolving Models of Conservation Science"
Keynote Address to ICOMOS Canada 2008 Conference
Montreal, Canada, October 2007
46. "Tradition and Collective Intelligence: The Launch of INTBAU USA"
Inaugural lecture for the US chapter of the International Network for Traditional Building, Architecture and Urbanism (INTBAU)
New Orleans, Louisiana October 2007
47. "Whatever Happened to Urbanism? A Study Tour of UK History"
Presentation to Urban Research Seminar at the Bartlett School of Planning
University College London, July 2007
48. "Making TODs Work: Lessons from Portland's Regional Planning Experience"
Keynote presentation to the Places to Grow Conference, Ontario Growth Secretariat
Toronto, Canada, May 2007
49. "The Charrette Process and its Potential Contribution to Havana"
Introductory lecture for the Council for European Urbanism Meeting and Workshop
Havana, Cuba February 2007
50. "From Pattern Languages to Generative Codes:
An Update on Recent Work of Christopher Alexander and Colleagues"
Invited lecture at the INTBAU India conference on New Architecture in India
New Delhi, India, January 2007
51. "International Research in Participatory Planning"
Plenary lecture at the Movement for Israeli Urbanism conference
Haifa, Israel, December 2006
52. "Codes for the Generation of Urban Structure"
Plenary lecture at the Movement for Israeli Urbanism conference
Haifa, Israel, December 2006
53. "New Tools for the New Urban Challenges"
Invited guest lecture to Graduate Students of the University of Bologna
Luxembourg City, Luxembourg, November 2006
54. "Sustainable Urban Morphology: Analytic Models and Generative Methodologies"
Introductory lecture and symposium moderation of research symposium at University
College London
London, UK, November 2006

55. "Pastiche Versus Revival: New Insights into Collective Intelligence in Architecture"
Plenary presentation and session moderation at the Venice Biennale, INTBAU conference "The Venice Charter Revisited"
Venice, Italy November 2006
56. "Reconnecting the Modern Suburb: An Overview of Transit-Oriented Development"
Invited lecture to conference of The Seaside Institute on "Retrofitting the Suburbs: New Urbanism in the West"
Portland, Oregon, August 2006
57. "What is a 'Culture of Building'"?
Introductory lecture to the Summer School of The Prince's Foundation on "The Culture of Building"
York, UK, August 2006
58. "Unfoldings: The Building Blocks of Living Neighborhoods"
Plenary lecture and discussion with Christopher Alexander at CNU Conference
Providence, Rhode Island, June 2006
59. "Toward a New Operating System for Growth"
Plenary lecture at Sopris Foundation Conference, "Innovative Ideas for a New West"
Aspen Institute, Colorado, May 2006
60. "The New Authenticity in Architecture"
Invited plenary lecture to symposium at the University of Miami, inaugurating the Perez Building
Miami, FL, October 2005
61. "Regeneration and Modernity"
Keynote Speech
Lecture opening the American Institute of Architects (AIA) Conference on Architectural Education
Bath, UK, September 2005
62. "Codes and the Generation of Urban Form: Recent Developments"
Plenary lecture and session moderation at conference,
International Seminar on Urban Form
London, UK, August 2005
63. "The Built Environment Role in Public Health: Evolving Implications for Practitioners"
Invited lecture and discussion at seminar for Commission for Architecture and the Built Environment
London, UK, July 05
64. "Modern Culture and the Changing Science of Urbanism"
Plenary presentation
Conference, "Urban Development and Urban Culture"

Umea University, Centre for Regional Science
Umea, Sweden, June 2005

65. "The Return of Urbanism: A New Leadership Role for Architects"
Inaugural Lecture, launch of new Masters Program
Tecnologico de Monterrey, Queretaro Campus
Queretaro, Mexico, May 2005
66. "New Science, New Architecture?"
The Deeper Implications of a "New Paradigm" in Architecture and Design
Guest Lecture to Architecture and Industrial Design Programs
Tecnologico de Monterrey, Queretaro Campus
Queretaro, Mexico, May 2005
67. "Urbanization and Coding Approaches: The Return of Urbanism"
Invited plenary lecture
Conference on "Urban Design"
The Royal Town Planning Institute
London, UK April 2005
68. "Public Health and the Built Environment"
Invited plenary lecture
Conference, "The Healing Environment"
Royal College of Physicians
London, UK February 2005
69. "Building Better with Local 'DNA'"
Invited plenary lecture
Conference, "The Influential Councillor"
Local Government Association
London, UK January 2005

(Activities before 2005 not included.)