

# Steffen Lehmann, PhD

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*University of Nevada, Las Vegas*  
*Full Professor and Research Lead*  
*Founding Director, Urban Futures Lab*  
*Former Director, School of Architecture*



Dr. Steffen Lehmann (\*born 1963) is a visionary academic leader, educator, designer, scientist, author and strategic entrepreneur who is internationally known for the vital role he has played in advancing higher education, research and innovation, student opportunities and success, internationalisation, economic development and sustainable architecture.

Steffen has a distinguished 20-year career in higher education, and a 30-year career as practicing architect, designer and urban researcher. He is the author of 22 books and over 400 research publications. As tenured full Chair Professor and Research Lead, Dr. Lehmann oversees a broad array of activities and programmes in education, research, community outreach and collaboration. Since 2003, his leadership has grown the research mission to more than \$15 million in extramural funding in a wide range of grant categories. Working with government, he was instrumental in establishing and successfully managing as Founding Director three research centres at the University of South Australia and the University of Portsmouth (UK), which provide platforms for post-doctoral and Ph.D. researchers, as well as a revenue source for the universities.

He continues to serve as Visiting Professor at Portsmouth University and on the AIA Las Vegas board of directors. In recognition of the international significance of his work, he was appointed as chair holder of the UNESCO Chair for Sustainable Urban Development in the Asia-Pacific.

## **SUMMARY OF QUALIFICATIONS**

- Accomplished academic administrator, educator, strategic leader, and scientific researcher, with career success leading academic, research and international program development and expansion.
- Outstanding capacity to forge new opportunities and foster government, commercial, and interdisciplinary collaborations globally.
- Adept in college, school and institute planning, development, management and fund-raising.
- He has experience in every aspect of university administration including strategic planning, programme accreditation, curriculum development, international partnerships and research collaborations.
- Success record at faculty retention and recruitment while incorporating principles of diversity.
- Globally recognized academic, received the Award for Teaching Excellence and the Top 100 Global Leader in Education Award.
- Deep expertise in obtaining, allocating, and managing multimillion-dollar funding sources.
- Internationally recognized as a thought- and opinion-leader, routinely serving in consulting and advising roles for organisations at the international, national, state and local levels.
- Versatile leader, with hands-on experience in planning, goal-setting and development for academic institutions such as colleges, research centres, non-profit organisations and foundations.
- Extensive experience in ambassadorial roles, representing the university at the highest level.

## CONTACT

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## ACADEMIC PROFILE

Professor Dr. Steffen Lehmann is an internationally recognized educator, scholar, author, designer, and professional leader.

He is full professor of architecture (with tenure), and former Director of the School of Architecture at the University of Nevada, Las Vegas; and Founding Co-Director of the interdisciplinary Urban Futures Lab.

The Urban Futures Lab is an active research group that brings together key researchers across a wide range of disciplines to explore resource-efficient models and design sustainable urban futures.

See: <https://www.unlv.edu/architecture>  
and the websites of his personal Labs: [www.city-leadership.com](http://www.city-leadership.com)  
[www.urban-futures-lab.com](http://www.urban-futures-lab.com)

As senior professor of the School of Architecture at UNLV, Professor Lehmann and his leadership team are translating their strategic outlook into programmatic initiatives and positive impact, dealing with a rapidly changing profession and transforming society.

Professor Lehmann has held a number of senior administrative and research posts at research-intensive universities in three countries, including: Head of School of the large School of Built Environment in Perth, Founding Director of three flagship research centres at the University of Portsmouth (UK) and the University of South Australia (UniSA), and most recently was Founding Director of the impactful Cluster for Sustainable Cities, see: [www.city-futures.org.uk](http://www.city-futures.org.uk)

He trained as an architect in Germany and at the Architectural Association School of Architecture in London (AA Dipl. 1991), before completing a Ph.D. (Dr.-Ing.) in Architecture and Urbanism at the Technical University in Berlin.

In 1993, he registered as a licensed architect in Berlin, Germany.

## ACADEMIC QUALIFICATIONS

2003	Ph.D. in Architecture & Urbanism (Dr.-Ing.), TU-Berlin
1991	AA Dipl., AA School of Architecture, Architectural Association, London
1988	Dipl. Des. (Arch & Des), Univ of Applied Science, Mainz – equival. to Master's
1985	Vor-Dipl. Des. (Arch & Des), Univ of Applied Science, Trier – equival. to Bachelor's

Over the last 18 years, he has been a tenured full professor in the U.S., in the UK, and in Australia. **He has worked in leadership positions at four research-intensive universities in three countries, and each experience was very different.**

Professor Lehmann was a Visiting Professor at the University of California Berkeley, TU Munich (DAAD Professor), TU Berlin, NUS Singapore, Tongji University Shanghai; and in 2018-2020 he is a Distinguished Visiting Professor at Xi'an Jiaotong University in China; and a Visiting Professor at the University of Portsmouth (2018-2020).

As Head of School in Australia, he was responsible for over 3,000 students and 150 academic, professional and casual staff, with off-shore programmes in Malaysia and Hong Kong.

# STRATEGIC LEADERSHIP

## Leading Schools of Architecture

Professor Lehmann's focus as former Director of the UNLV School of Architecture and Chair of the School Executive Board is on **strategic growth, promoting entrepreneurship, and enabling relevant innovation and impact to deliver on the *TOP TIER Plan*.**

**His fund- raising initiatives establish and support a vision for the School that is coordinated with the aims of the College and University as a whole.**

Strategic leadership of Schools of Architecture: Steffen has led schools of architecture in the U.S. and in Australia, working towards continuous improvements:

- Director of the School of Architecture, University of Nevada Las Vegas (USA)
- Head of School of Design & Built Environment, Perth (Australia)
- Chair, Department of Architecture, Queensland University of Technology, Brisbane

Since 2010, Steffen has taken on more of a leadership and mentoring role for Early Career Researchers, as well as increased administrative responsibilities and research leadership. Prior to his appointment in the USA and in the United Kingdom, Professor Lehmann was a tenured Chair and full Professor for 13 years in Australia (from 2002 to Nov. 2015). He has led the implementation of the strategic renewal of the research and teaching areas of a large School of Built Environment, transformed the school, and established university-wide research centres.

At UniSA, he also led the China-engagement strategy of the university, and was Director of the China-Australia Centre for Sustainable Urban Development, a joint centre with Tianjin University.

He has over 30 years' experience in sustainable urban design and architecture, living and working in Asia, Australia, Europe, the UK, and the USA.

Steffen was a consultant to Rio Tinto (Australia) and an External Advisor to UNESCO and UN-ESCAP on sustainable urban development. He has advised over a dozen cities on the subject of sustainable architecture and urban design, including Abu Dhabi, Adelaide, Berlin, Dresden, Helsinki, Ho-Chi- Minh City, Melbourne, Shanghai, Singapore, Sydney, Brighton, Las Vegas and Reno.

After 30 years' practising and over 18 years as a full Professor of Architecture, Steffen is at the forefront in the development of new perspectives for architecture schools: how to ensure positive impact and lead the transformation potential of neighbourhoods and districts to become more sustainable, resilient and socially inclusive.

## RESEARCH

### PUBLICATIONS AND EDITORSHIP

Steffen has published widely in journals and has been invited to contribute chapters to books or reports internationally. His Google Scholar h-Index is 23 and lists over 2.500 citations (in Feb 2020), see: <https://scholar.google.com/citations?user=yJ2eBpsAAAAJ&hl=en>.

The contribution and international standing of his expertise in 'Green Urbanism' was acknowledged in 2008 with an invitation from Earthscan/Taylor & Francis to publish an authored book on green urbanism (*The Principles of Green Urbanism*, London/New York, 2010), and the invitation to be the editor of a new Routledge book series. His work has not only made a significant contribution to the field of 'Green Urbanism', but has shaped and continues to shape the contours of this research field.

Today, Steffen is a widely acknowledged pioneer of 'Sustainable Cities' and in what has become known as 'Green Urbanism' and 'Urban Metabolism'. His seminal book *The Principles of Green Urbanism* (English and Chinese editions) has developed a new framework for designing, developing and evaluating sustainable urban projects, and is in use as a course book worldwide.

In 2012, he was awarded as Principal Investigator (PI) a large grant (\$1.2m) under the CRC-Low Carbon Living program for the collaborative research on 'Urban Micro-Climates Research: Comparative Study of Sydney, Melbourne and Adelaide'; a large interdisciplinary study of the urban heat island effect, which he initiated. The project included over 20 project partners. Publications from his research projects are included in his extensive publication list.

### **He has been the editor of internationally important journals.**

Steffen Lehmann is book series editor of the Series on Sustainable Design for Routledge (London/New York). Information on his book series can be found here: <https://www.routledge.com/Earthscan-Series-on-Sustainable-Design/book-series/EARTHSD>.

Between 2006 and 2014, he was Editor-in-Chief of the US-published *Journal of Green Building*. He is currently an editorial board member of five academic journals. His papers and books have been translated into a number of languages including German, Spanish, Chinese, Italian and Swedish.

Steffen is a very productive researcher and his leadership is recognised in scientific communities worldwide.

In 2019, his authored book *Urban Regeneration: A Manifesto for UK Cities in the Age of Climate Change* was published with Palgrave Macmillan (London).

In July 2017, his recent book *Growing Compact* (co-edited with HP Bay; Routledge) was published by Routledge. This is part of his book series, which has received numerous positive reviews. For more information on his publications, see: <https://www.amazon.co.uk/Steffen-Lehmann/e/B0034PYAVS>.

In 2016, he published *Sustainable Lina* (co-authored with A Condello; Springer), which explores the adaptive reuse projects designed by important architect Lina Bo Bardi (with a preface by Professor Barry Bergdoll, MOMA).

In 2015, Steffen Lehmann published *Low Carbon Cities. Transforming Urban Systems* (Routledge, London). This key publication examines the theoretical underpinnings for the required shift in the process of city transformation and includes numerous case studies.

### **PUBLIC SPEAKING AND INVITED LECTURES**

Professor Lehmann is regularly invited to deliver lectures and keynote/plenary addresses to international or major national research meetings and conferences, where he presents on his research work, design concepts and engagement with industry and other end-users.

He has delivered over 100 invited keynote addresses in 40 countries. Podcasts of his TEDx presentation, and UN-HABITAT Urban Global Lecture are online. See: <https://unhabitat.org/steffen-lehmann-transforming-the-city-towards-low-carbon-resilience/>.

He has presented at more than 550 conferences, panels and symposia in 40 countries and lectured at the top architecture schools in the world, including lectures at:

- Architectural Association School of Architecture – United Kingdom
- Delft University of Technology – The Netherlands
- Harvard University, Cambridge MA – United States

- Hong Kong Polytechnic University – Hong Kong
- Hong Kong University of Science & Technology – Hong Kong
- KTH Royal Institute of Technology – Sweden
- National University of Singapore – Singapore
- Polytechnic University of Milan – Italy
- Technical University Berlin – Germany
- Technical University Munich – Germany
- Technical University Vienna – Austria
- The University of Melbourne – Australia
- The University of Sydney and University of New South Wales – Australia
- Tsinghua University and Tongji University – China
- University of California, Berkeley – United States
- University of Southern California, Los Angeles – United States
- University of Oxford – United Kingdom
- He spoke at the Venice Biennale, Alvar Aalto Symposium, MOMA New York, TED Talks, and other top venues

## **VISITING PROFESSOR POSITIONS – INTERNATIONAL ENGAGEMENT**

At UniSA in Australia, the University of Portsmouth, and at the University of Nevada, Steffen made numerous contributions to the implementation of the Universities' International Strategy, through negotiating complex partnerships and MoU's, and representing the University on matters of key importance overseas.

He has held important international visiting professorships and is regularly invited to deliver master classes and workshops at international level, for instance in Germany, Finland, China, and India.

In 2009, Steffen was appointed as DAAD Professor at the Technical University of Munich, a prestigious position funded by the Deutscher Akademischer Austauschdienst (Germany).

In 2016-18, he held a Professorial Fellowship at the University of Technology Sydney's Institute for Sustainable Futures (ISF) in Sydney; and a Visiting Professor position at Anant National University (ANU) in Ahmedabad, India, 2017–2018.

Steffen has held Visiting Professor positions at the following institutions:

- Arts Academy Berlin-Weissensee (1997–1998)
- Tongji University, Shanghai (2003)
- Technical University Berlin (2005)
- National University of Singapore (2009)
- Technical University Munich, Germany (2009)
- University of California at Berkeley (2012)
- Tianjin University in the P.R. of China (2014)
- UTS, Sydney, Institute for Sustainable Futures, Australia (2016–2018)
- ANU Ahmedabad, India (2017–2018)
- Distinguished Visiting Professor, Xi'an Jiaotong University, China (2018), NSFC-funded
- University of Portsmouth, UK (2018-2020)

He has been an **External Examiner** for Ph.D. theses at seven leading universities, including:

Bond University, Hong Kong Polytechnic University, Monash University, the University of Salford, KTH University Stockholm, the University of Sydney, and the University of Western Australia.

## RESEARCH CAREER

In a research career that spans the last 25 years, Steffen has published over 20 books, over 50 invited book chapters, and has published and co-published over 350 articles and papers.

He is a very productive researcher and served in different senior leadership roles, establishing 3 new research centres, building teaching quality, and driving impactful research activities. His centers generated and managed over total \$15 million in research funding; he has been a lead or co-investigator on over 20 research projects.

Since 2010, he has been in research-intensive leadership positions and during this time he has had significant responsibility for creating and leading new urban research formations. He has exploited these opportunities by generating a large publication and grant output and a continuous stream of successful research students.

Steffen's record of accomplishment of publications demonstrates sustained scholarly contribution and advancement of knowledge in the relatively young research field of 'sustainable urbanism'.

Today, he is internationally recognized as thought leader in the field of sustainable architecture and urban design principles, exploring our complex relationship with nature, technology and place. Most of his research projects are design-architecture-engineering nexus based, concerned with the integration of low-carbon and low-impact technologies in architectural design and the social/behavioral/urban context.

Steffen's research interests include the overlapping fields:

- Resilient urbanisation for low carbon compact cities and coastal resilience
- Green urbanism theory – Scenarios for the 'City of the Future'
- Resource-efficient construction: infill using modular off-site manufacturing
- Urban culture and new programmes for age-friendly public space
- Sustainable architecture and smart high-performance buildings
- Climate-responsive design and technology integration
- History and theory of cities, urban renewal and cultural heritage
- Research on the optimisation of urban density and compactness

*"I am committed to the efficient use of land, compactness, polycentrism, high-quality public space, mixed uses and appropriate density, through urban infill or regeneration strategies to trigger economies of scale and enhance resource efficiency. Our Research Cluster is particularly interested in the relationship between architectural form and performance; and in developing low-impact construction systems and low-energy solutions across the entire project life-cycle."* — **Dr. Steffen Lehmann**

## LEADING INTERNATIONAL RESEARCH COLLABORATIONS AND POSITIVE IMPACT

Steffen has demonstrated a strong capacity to engender and lead collaboration between the research, industry and policy communities, and to foster research that anticipates and responds to policy necessities, and he provides high quality advice to urban leadership.

He has lived and worked in Australia, Berkeley and Las Vegas (USA), Berlin, London, and Tokyo—experiencing a very broad range of practice methods and research approaches. He is an experienced leader of change – strategic, operational and cultural – with an ability to develop, communicate and deliver a compelling vision to a range of internal and external stakeholders.

Over the last years, he has managed and implemented an immense programme of change: for instance, transforming and repositioning the large School of Built Environment as a research-led and future-ready powerhouse (with an increased research output of +36% pa).

In Australia, he was actively involved in the development of the research and international strategy within schools and faculties/colleges, where he initiated substantial engagement with national and international partners in the public dissemination of information that had an impact by benefitting the community and the professional sector, including in the Global South.

Steffen has initiated successful collaborations with major international and national research teams and institutions, e.g. he has established, led and developed three research centres of international and national importance; he was involved in the establishment of an externally funded endowment by the South Australian Government for the creation of a new research centre at UniSA.

He has a sustained success in obtaining research grants and leading projects, together with sustained success in supervising post-doctoral as well as research students.

He has hosted and supervised 3 Senior Research Fellows competitively awarded by funding bodies.

## **CURRENT AND RECENT RESEARCH AND ONGOING PROJECTS**

### **Steffen's work is in the STEAM (= STEM + Arts) field.**

2016–date, he has created and commenced large multi-disciplinary research projects, in collaboration with other leading researchers in the field of sustainable cities, for instance developing the following projects:

- 'CRUNCH – Operationalising the Food-Water-Energy Nexus' (ESRC, NSF)
- 'RESTORE – Nature-based Solutions for Restoring Damaged Ecosystems' (H2020)
- 'INSIGHT – Urban Regeneration Leadership for Chinese Cities' (Newton Fund)
- 'INTERFACE – Mobility and New Types of Public Space' (British Council)

Most of these were large, international, interdisciplinary research projects.

## **RESEARCH LEADERSHIP AND GRANTS OBTAINED**

### **Over the last 20 years, Steffen has been more and more involved in leadership positions.**

Steffen was founding director of two successful research centers at the University of South Australia, founding director of the Cluster for Sustainable Cities in the UK; and Principal Investigator of several large multidisciplinary grants, managing over \$15 million in research funding. Projects include:

- Lead-PI for 'Crunch - The Food-Water-Energy Nexus' \$ 2 mill (funded by the Belmont Forum, ESRC, AHRC, NSF).
- Co-PI for 'PlastiCity - Plastic recycling in Cities' \$ 6.5 mill (funded by EU Interreg).
- Lead-PI for 'Urban Microclimates: Sydney, Melbourne, Adelaide' \$ 1.5 mill (funded by the CRC for Low Carbon Living and the participating cities).

Steffen has attracted large funding in grants. As Founding Director of three research centres, he was managing research projects of the value of over \$15 million in grants and contract research. The impact of this work has influenced corporate behaviour, municipal policies and legislation.

His research has been continuously supported by external funds and attracts self-funded research fellows and Ph.D. candidates. He has led the conception and formulation of numerous new research projects – some have led to large external grants and received much media attention.

In 2017, he was awarded as Principal Investigator a large grant (US\$2m) under the Belmont Forum/JPI Urban Europe/ESRC/NSF program for 'CRUNCH: the Food-Water-Energy Nexus', an international interdisciplinary project with 20 partners from six countries; see: [www.fwe-nexus.eu](http://www.fwe-nexus.eu).

In 2012, he was awarded as Principal Investigator a large grant (\$1.2m) under the CRC-Low Carbon Living programme for the collaborative research on 'Urban Micro-Climates Research: Comparative Study of Sydney, Melbourne and Adelaide', a large interdisciplinary study of the urban heat island effect, which included over 20 project partners and five PhD candidates.

The Cluster for Sustainable Cities brings together an interdisciplinary group of over 40 researchers with an interest in resilient urban futures to develop a trans-disciplinary approach to scaling-up urban innovation for low-carbon living, working, leisure and mobility.

Steffen developed the research agenda of the Cluster, enhanced through the development of connections with industry partners, local government and international leading scholars across the social sciences and humanities, engineering, geography, and the visual arts. The Cluster's research activities are grouped around five interlinked matters of conceptual and empirical concern, see the research programme here: [www.city-futures.org.uk](http://www.city-futures.org.uk).

Steffen's own research interests span architecture, urban design and sustainability with a strong focus on improving the environmental performance of buildings and neighbourhoods by introducing the concept of 'integrated urban climate resilience'. These themes are brought together in his most recent books **published with prestigious publishers: Routledge, Springer, Palgrave Macmillan, etc.**

Having been **Founding Director of three successful research centres**, he leads large multi-disciplinary research teams and projects, for which he provides mentoring, coaching support and team building.

- Inaugural Chair holder, UNESCO Chair for Sustainable Urban Development for Asia and the Pacific (2008–10)
- Founding Director, Centre for Sustainable Design and Behaviour, UniSA (2010–14)
- Founding Director, China-Australia Centre for Sustainable Urban Development, UniSA (2011–14)
- Founding Director, Innovation Cluster for Sustainable Cities, University of Portsmouth (2016–2018)
- Founding Co-Director, Urban Futures Lab, SoA, University of Nevada, Las Vegas (2018- to date)

## **INDUSTRY COLLABORATIONS AND FUND-RAISING**

**Steffen has advised over a dozen of cities on sustainable urban development, including Berlin, Shanghai, Singapore, Sydney, Melbourne, Adelaide, Abu Dhabi, Ho-Chi-Minh City, Oslo, Helsinki, Brighton, Las Vegas, and Reno.**

Steffen is a very successful fund-raiser. His research group has a clear vision of how to expand the research work and build national and international connections.

Besides working closely with municipalities, Steffen is constantly building new and strong co-operation partnerships with industry partners; working with innovative SMEs as well as with large global organisations and NGOs. **Between 2015 and 2018, his research was industry-sponsored by:**

- AECOM Ltd
- Arup Ltd
- C6(n) Technology Ltd: 'Carbon pavilion'
- Experior Micro Technologies Ltd

- Know-Now Information Ltd
- MA Systems & Control Ltd: 'Wind Assure', with Innovate-UK
- The Ecological Sequestration Trust
- Vivid Homes: 'Modular House'

He was a consultant to Rio Tinto (Australia) and an External Advisor to UNESCO, UN-ESCAP and the Inter-American Development Bank (IADB) on sustainable urban development. In 2009, the Minister for Planning NSW appointed him as member of the Reference Panel for the urban regeneration of Newcastle (NSW).

In his diverse leadership roles, he has reported to external Advisory Boards, Senior Management Boards, Provosts and Deputy Vice-Chancellors, navigating organisational complexities. He has:

- established new external partnerships with industry and government;
- provided strategic planning and intellectual leadership;
- chaired major committees and provided departmental/operational leadership.

## **AFFILIATIONS, MEMBERSHIPS AND LEARNED SOCIETIES**

In recognition of the international significance of his work, he held from 2008 to 2010 the UNESCO Chair for Sustainable Urban Development in the Asia-Pacific. He is currently a member of 5 editorial boards of academic journals, the editor of a Routledge book series, a member of the AIA, RIBA, and RAIA. In 2016, he became an Elected Member of the Academy of Urbanism and has sat on the board of various public organizations, including the UN's reference group for the formulation of the Sustainable Development Goals.

Steffen has had numerous professional affiliations, and is currently a member of:

- Member, American Institute of Architects (AIA) (2018 to date)
- Member, Royal Australian Institute of Architects (RAIA) (2003 to 2018)
- Member, Royal Institute of British Architects (RIBA), UK (2016 to 2018)
- Invited Academician, Academy of Urbanism, UK (2016 to 2019)

### Other memberships have included:

- Member, Architektenkammer Berlin
- Member, Bund Deutscher Architekten BDA-Berlin
- Member, UNESCO Chair in Sustainable Urban Development, Advisory Board
- Member, Australian Institute of Urban Studies
- Member, Zero Waste Centre Advisory Board
- Member, Executive Board, Barbara Hardy Institute, UniSA
- Chair, China-Australia Centre for Sustainable Urban Development Advisory Board
- Member of the UN working party for preparations of HABITAT III
- Member, UN ESCAP Expert Group 'The New Urban Agenda'
- Member, Humanities Management Board, Curtin University
- Member, Australian Deans of the Built Environment and Design
- Member, Coastal Cities Network, Research Group, UK
- Member, Developers Group, Shaping Portsmouth, UK
- Member, International Advisory Board for the Italian Pavilion 'Resilient Communities', 17<sup>th</sup> International Biennale of Architecture in Venice 2021, Italy (2019 to 2021)

## **PUBLICATIONS IN HIGH-RANKING INTERNATIONAL JOURNALS**

Steffen has published over 20 books with prestigious publishers, and countless (350+) articles and papers on architecture and sustainable urban development.

**In the 1990s, he coined the concept of *Green Urbanism*.**

**Professor Lehmann's research is in the field of urban resilience, sustainable architectural and urban design; his pioneering work is best known for his holistic view of urbanization and for actively promoting sustainability.**

His work has been devoted, over the last 25 years to understanding and unravelling the principles of the modern metropolis and its urban system.

Some of his articles have become the most downloaded or most cited article of the journal. Articles were published in the following journals:

*Journal of Sustainability; Journal of Sustainable Development, International Journal of Logistics Systems and Management, Greenbuilding; Singapore Architect, Domus; Bauwelt, Challenges; Habitat International; Next American City; Stadt:Pilot; Journal of Green Building; Journal of City, Culture & Society; Journal of Cleaner Production; Journal of Sustainable Cities & Society; International Journal of Development and Sustainability; Journal of Urban and Environmental Engineering; The Fifth Estate, Science for Environment Policy; Supply Chain Management: An International Journal; International Journal of Logistics Systems and Management; Landscape Architecture Frontiers; International Journal of Waste Resources; Cleantech; City Economics Wirtschaft Stadtentwicklung; The Conversation; The Adelaide Review; ArchitectureAU; Eco-Business; InDesign; Timber+Design International; Sustainable Development, Law & Policy; Keio SFC Journal; Waste Management & Research; Business Magazine; Building Design BD-Online; and numerous others.*

## TEACHING

### TEACHING EXPERIENCE AT ALL LEVELS

Steffen has been teaching postgraduate and undergraduate students in architecture and urbanism since 1991, and successfully advising Ph.D. students since 2003.

He has taught advanced architectural design studios together with architects Harry Seidler, Hans Hollein, Arata Isozaki, John Denton, and other eminent architects.

In 2008, in recognition of his significant contributions and academic leadership in teaching urban design studios, he was awarded the Award for Teaching Excellence (at the University of Newcastle, NSW). In 2020, he was awarded the Global Top 100 Leaders in Education award. Current teaching areas include:

- Postgraduate (Ph.D.) thesis supervision;
- Advanced research methods and training;
- Urban design: short studios, guest lectures and guest crits;
- Lectures on architectural design theory and sustainable city design.

In 2003, he founded the "Global Studio" series, and since then he coordinated Global Studios at: TU-Berlin, TU-Munich, Tongji Shanghai, NUS Singapore, Iberoamericana Mexico City, ANU Ahmedabad India, and Papua New Guinea University of Technology.

### SUPERVISION OF POSTGRADUATE RESEARCH

**Since 2003, Steffen has advised numerous Ph.D. students and postdoctoral Research Fellows as Primary Supervisor. He is mentoring early career researchers, providing them with opportunities within his research groups and ongoing projects.**

Professor Lehmann welcomes expressions of interest from suitably qualified individuals who would like to pursue Doctoral level or Master's level research in the areas of his interest.

**Ph.D. Supervision:** He has successfully supervised a variety of interdisciplinary Ph.D. studies as Primary Supervisor (since 2003) in the field of sustainable architecture, urbanism, design theory and socio-technical change. He is happy to discuss proposals with potential Ph.D. candidates that connect to his field and are interested in exploring open-ended questions.

He has served as External Examiner for Ph.D. theses at 7 different universities, including Bond University, Hong Kong Polytechnic University, Monash University, the University of Salford, KTH University Stockholm, the University of Sydney and the University of Western Australia.

The students he has supervised have been highly successful, receiving awards for their Ph.D. research and securing important academic positions. Some of his former Ph.D. students are now professors at universities.

## **MENTORING AND ADVISING**

Professor Lehmann mentors and supports early career academics and emerging professionals. He has been Primary Supervisor of more than 12 Ph.D. students and three Postdoctoral Fellows, and is happy to discuss proposals with potential Ph.D. candidates that are interested in exploring open-ended questions.

*“Buildings, places and neighbourhoods are always designed in team work. They need to be enjoyable and flexible to work well over time. This means that they have lasting qualities, are resource-efficient, and make a positive contribution to their context and user-experience. Each of my projects begins with a clear strategy and evolves from there; it never begins with a pre-conceived design solution.”* — **Dr. Steffen Lehmann**

## **REVIEWER OF MAJOR FUNDING APPLICATIONS**

Over the last 18 years, Steffen has been appointed as reviewer for international research proposals and large grant applications, in 12 countries.

For instance, he was appointed by the following international funding agencies as an external assessor:

- European Commission, Brussels, for Horizon 2020 (as Expert Evaluator and Rapporteur)
- Australian Research Council, Canberra, as Excellence in Research (ERA) Peer Reviewer and as regular ARC Grant Assessor for large grants (regularly since 2008)
- Canada Foundation for Innovation, Ottawa
- Earth Watch Institute, Massachusetts, USA
- EPSRC Global Challenges, UK Research Council
- British Council Newton Fund, UK
- Economic and Social Research Council (ESRC), UK
- Japan Society for the Promotion of Science, Tokyo
- Research Grants Council of Hong Kong, SAR Hong Kong (regularly since 2012)
- Swiss National Science Foundation, Bern
- UNESCO, Higher Education Sector, Paris

## **SERVICE: MEMBER OF INTERNATIONAL AND NATIONAL COMPETITION JURIES**

Over the last 20 years, Steffen has served as jury member for international, national and state awards for organisations, such as the Senate of Berlin, the Royal Australian Institute of Architects, the Australian Housing Industry Association, and other bodies.

He has been appointed to serve on design juries for:

2013 Siemens Green Technology Journalism Award 2013, Asia–Pacific Region, Singapore  
2011–2012 ‘The Zero Carbon Challenge’, Adelaide (appointed by LMC, SA Government)

2010	'Hub-2-Hub', Singapore (appointed by the Urban Redevelopment Authority, URA)
2009	'Harmony Point', Ho-Chi-Minh City (appointed by Municipality of HCMC)
2007	National Urban Design Awards 2007, Housing Industry Association (HIA), Sydney
2006	BlueScope Steel Glenn Murcutt Student Prize 2006
2005–2006	'Etihad Towers', Abu Dhabi (appointed by H.H. Sheikh S. Bin Moh'd Al-Nahyan)
2005	'Wedding Pavilion', Brisbane Roma Street Parklands (appointed by Qld Government)
2004	Queensland State Awards of the Royal Australian Institute of Architects (RAIA)
2000–2001	'Leipziger Platz', Berlin (several competitions, appointed by Senate of Berlin)

## ARCHITECTURE PRACTICE

### LEADERSHIP IN PROFESSIONAL PRACTICE

Steffen has a distinguished career as an architect and urban designer (with an impressive record of accomplishments as a practising architect and policy adviser).

Between 1990 and 1993, as a young architect, he first worked with visionary architects Arata Isozaki in Tokyo and James Stirling in London, before establishing his own practice in Berlin.

With his own design practice, STEFFEN LEHMANN ARCHITEKTEN GmbH and the s\_Lab, he was actively involved in the 1990s architectural creation of the 'New Berlin'.

**Steffen became a licensed architect in Berlin in 1993 and has a deep understanding of architectural practice.**

Over ten years, he was actively involved in the urban creation of the 'New Berlin'. Most of his built work is the result of winning design competitions, including office buildings at **Potsdamer Platz and the Quarter at the Museumsinsel Berlin**.

The s\_Lab (Space Laboratory for Architectural Research and Design) was a research office founded by Steffen Lehmann in January 1993 in Berlin to combine research, teaching and practice. In parallel, he established the practising architectural office to build projects.

He was privileged to be able to design and built significant large-scale (public and private) projects in historically significant cities and places, such as at Potsdamer Platz, Pariser Platz and at Hackescher Markt in Berlin.

The s\_Lab in Berlin was an interdisciplinary studio employing around 20–25 staff, based on the belief that architecture can deliver very important innovations for the city. In the 1990s, the s\_Lab was an adventurous team of architectural designers, architects, researchers, planners, digital craftspeople, urban ecologists and model-makers, delivering a total construction budget of around US\$1bn in 20 built projects. In 1995, he was appointed *Freier Architekt BDA* in Berlin.

As lead architect on large urban developments, Steffen adopted a large practice approach concerning systems thinking and the value of research-informed projects. He has recently been working on innovative housing projects in Berlin and Stuttgart (Germany).

His project clients included notable institutions, such as:

The Bundesverband Deutscher Banken, the Auswaertige Amt (German Ministry of Foreign Affairs), Deutsche Bahn AG, the Berliner Volksbank, Daimler Immobilien, Deutscher Gewerkschaftsbund (German Workers Union) and numerous others he has represented – with entities as diverse as the Senate of Berlin, the Republique de France, Manhattan Loft Corp, and the City of Sydney.

His work was exhibited at important international venues, including AEDES Gallery in Berlin, Deutsches Architektur-Museum, the Bauhaus in Dessau, and at the Architectural Association in London.

*"Throughout my career, I was privileged to work on numerous high profile projects: I designed and built significant projects in historically important places, such as at Potsdamer Platz, Hackescher Markt and Pariser Platz in Berlin, generating lasting public value for cities and high-profile clients."* — **Dr. Steffen Lehmann**

## **CURATORSHIP FOR MAJOR EXHIBITIONS AND CONFERENCES**

Steffen has fostered substantial partnerships in the area of knowledge transfer, e.g. with the British Council and the China-Australia Council, and was the initiator and curator of major public arts festivals (e.g. in Singapore, Berlin, Sydney); and convener of numerous conferences and symposia.

He has a long-term interest in urban culture and public space, and was the initiator and curator of major interdisciplinary exhibitions in urban spaces and galleries. Three books published as catalogues of these exhibitions, which included positions as Artistic Director for:

- *Rethinking: Space-Time-Architecture*, Berlin (catalogue published by Jovis, Berlin)
- *Absolutely Public*, Brisbane (catalogue published by Images Publishing, Melbourne)
- *Back to the City*, Newcastle (catalogue published by Hatje-Cantz, Stuttgart)
- Artistic Director for *Hidden Networks: Laneways by George*, Sydney
- Artistic Director for *Hub-2-Hub*, Singapore.
- Curator for two exhibitions at **AEDES Gallery**, and
- Curator for an exhibition at **Eigen + Art Gallery**, Berlin
- Curator for an exhibition at the **BAUHAUS, Dessau**

A Google search on his name shows over 4 million results.

*"I am passionate about the possible urban futures of cities and our capacity to rethink urbanism to enable principles of social and environmental sustainability. That passion extends into my research, teaching and collaborative practice."* — **Dr. Steffen Lehmann**



Steffen Lehmann with colleagues organizing the international symposium on Latin-American Architecture at UNLV, as part of the AIA National Convention in Las Vegas, June 2019.