Christian Werthmann

CURRICULUM VITAE

ACADEMIC APPOINTMENTS

2023 - present	Vice Dean, Faculty of Architecture and Landscape, Leibniz University Hannover
2021 – present	Director of the Institute for Landscape Architecture, Leibniz University Hannover, Germany
2017 - 2021	Dean of Studies, Faculty of Architecture and Landscape, Leibniz University Hannover, Germany
2012 - present	Professor for Landscape Architecture and Design, Leibniz University Hannover, Germany
2011 - 2014	Hans Fischer Senior Fellow, Technical University Munich, Germany
2008 - 2011	Program Director of the Department of Landscape Architecture, Graduate School of Design, Harvard University, USA
2007 - 2012	Associate Professor, Graduate School of Design, Harvard University, USA
2004 - 2007	Assistant Professor, Graduate School of Design, Harvard University, USA
1995 -1997	Research Associate, Prof. Peter Latz, Department for Landscape Architecture and Planning, Technical University Munich, Germany

PROFESSIONAL PRACTICE

1999 - 2004	Associate, Peter Walker and Partners, Berkeley, USA
1997 - 1999	Hargreaves Associates, San Francisco, USA
1995 - 1996	Peter Latz & Partner, Freising, Germany

1992	Peter Latz - Wigbert Riehl, Kassel, Germany
1990 - 1992	Peter Latz & Partner, Freising, Germany
1988 - 1989	Klaus Meyer, Neuburg a. Inn, Germany

EDUCATION

1995	Diplom Ingenieur Landschaftsplanung, University Kassel, Germany
1992	Diplom Ingenieur Landespflege, University of Applied Sciences (Fachhochschule) Weihenstephan, Germany

HONORARY ACTIVITIES

2024 – present (CGL)	Board Member of Center of Garden Art and Landscape Architecture
2019 – present (DASL)	Member German Academy for Urban and Landscape Planning
2013 - 2018	Coordinator Informal Urbanism Hub of UN Habitat University Initiative
2013 - 2023	Member of Research Initiative TRUST (Transdisciplinary Rural and Urban Spatial Transformation), Leibniz University Hannover
2012, 2016	External Examiner Division of Landscape Architecture, Hong Kong University

MAIN RESEARCH THEMES AND COLLABORATIONS

2011 – ongoing **Shifting Ground** Colombia

> *Shifting Ground is a long standing collaboration with the Centro de Estudios Urbanos y Ambientales (urbam) of the EAFIT University in Medellín, Colombia as its main partner. It examines the role of landscape architecture in the management of landslide risk in the non-formal settlements of Medellín.*

2019 – ongoing: *Inform@Risk.*

Development of an Integrated Early Warning System against Landslides in a non-formal settlement in Medellin, Colombia
Role: Leader of the team and all partners
Partners: EAFIT University Medellín, Technical University Munich, German Aerospace Center, Deggendorf Institute of Technology, Municipality of Medellín, Resident Associations
Funding: Federal Ministry of Education and Research

2011-2014: *Shifting Ground*

Main Publications: Shifting Ground (2012), Rehabitar La Montaña: Estrategias y procesos para un hábitat sostenible en las laderas de Medellín (2014)

Partner: Alejandro Echeverri, director urbam, EAFIT University, Medellín, Colombia
Funding: Municipality of Medellín

2015 – 2017 **draußen** out there

"draußen" (out there) is a research collaboration between five academic teams of landscape architects for a major public exhibition on the role of landscape architecture in rapidly changing landscapes in the Pinakothek der Moderne in Munich and the Herrenhausen Palace in Hannover.

Combined number of visitors: about 60,000
Book Publication: out there. Landscape Architecture on Global Terrain (2017)
Partners: Andres Lepik, (TU Munich), Undine Giseke (TU Berlin), Regine Keller (TU Munich), Jörg Rekittke (University Singapore), Antje Stokman (Hafencity University Hamburg)
Funding: Architectural Museum of the Technical University Munich

2014 – ongoing **Informal Urbanism Hub** UN Habitat

The Informal Urbanism Hub is one of eight hubs of the UN Habitat University Initiative. As a coordinator I organized and co-organized five interdisciplinary conferences with a focus on the next generation of researchers in the field.

Publication: Metropolis Nonformal (2015)
Partner: Claudio Acioly, Head Capacity Building, UN Habitat
Funding: multiple sources (see conferences)

| 2010 - 2018 | **Post-earthquake Reconstruction** [Haiti] |

Through a series of consecutive collaborations investigations were made to find a more effective mode of operation for landscape architects after a major disaster in a least developed country.

2010-2012: Zoranje
Main Publication: Designing Process: Opportunities for Long-term Sustainable Urbanization in Post-Disaster Port-au-Prince, Haiti. (2012)
Partner: Philipp Thompson, Associate Professor of Urban Politics, MIT
Funding: Deutsche Bank

2012-2014: *Haiti Evacuation Systems Initiative*
Main Publication: The Ecology of Risk (2014)
Partners: Miho Mazereeuw, Associate Professor of Architecture and Urbanism, MIT; Pierre Belangér, Associate Professor of Landscape Architecture, Harvard Graduate School of Design
Funding: World Bank

2012-2018: *Urban Strategies for Onaville, Haiti*
Main Publication: Designing for Uncertainty: The Case of Canaan, Haiti (2014)
Partners: Regine Keller, Professor for Landscape Architecture and Public Space, Johann-Christian Hannemann, Research Fellow et al.,Technical University Munich
Funding: Technical University Munich

| 2007 - 2009 | **Dirty Work: Landscape in the Non-formal City** [Harvard Graduate School of Design] |

Dirty Work's mission was the study of built or projected landscape interventions in non-formal cities and the formulation of way-finding landscape approaches.

Main Publication: Harvard Design Magazine 28 (2008)
Partner: John Beardsley, Art Historian, Senior Lecturer, Graduate School of Design, Harvard University
Funding: Harvard Graduate School of Design

| 2006 - 2012 | **'TransUrban' Interdisciplinary Research Group** [Harvard Graduate School of Design] |

TransUrban critically examined the most advanced built examples of sustainable city expansions in the world. The group issues regular reports on its research findings.

Partners: Thomas Schröpfer, Professor, Singapore University of Technology and Design; Limin Hee, Director of Research at Singapore's Centre for Liveable Cities
Funding: Harvard Graduate School of Design

2006 - 2009   **Low-Cost Green Roof Initiative** Harvard Graduate School of Design

The initiative installed several types of a low-cost green roof on the roof of the Graduate School of Design (2006, 2007, 2008, 2009). The GSD roof now served until its reconstructions as a living experiment used for research and teaching in the school.

Partner: Joerg Breuning, Green Roof Specialist, Baltimore MD; Katrin Scholz-Barth, Green Roof Specialist, Quatar
Funding: Harvard Graduate School of Design

CONFERENCE ORGANIZATION

2019   **"SHARELAND"**
Doctoral Colloquium, April 6, 2019, ETH Zurich, Department of Architecture, 50 Speakers, 100 participants, fifth of the conference series of the Informal Urbanism Hub of the UN Habitat University Initiative
Role: Co-Director with Hubert Klumpner
Funding: ETH Zurich

2017   **"Dangerous Landscapes. Re-Thinking Environmental Risk in Low-Income Communities"**
Conference, Nov 27 to 29, 2017, Schloss Herrenhausen, Hannover, Volkswagen Foundation, 30 speakers, 200 participants, fourth of the conference series of the Informal Urbanism Hub of the UN Habitat University Initiative
Role: Director with Ulrike Grote and Jörg Dietrich
Funding: Volkswagen Foundation

2016   **"Low/No Cost Housing"**
Conference, June 30 to July 2nd, ETH Zurich, 50 Speakers, 150 participants, third of the conference series of the Informal Urbanism Hub of the UN Habitat University Initiative
Role: Co-Director with Hubert Klumpner and Alfredo Brillembourg

Funding: ETH Zurich

2013	**"Metropolis Nonformal – Anticipation"**
	Symposium**,** Nov 21 to 23, Technical University Munich, 50 speakers, 300 participants, first of the conference series of the Informal Urbanism Hub of the UN Habitat University Initiative
	Role: director
	Funding: Hans Fischer Fellowship, Technical University Munich

2013 **"Metropolis Nonformal – Anticipation"**
 Symposium**,** Nov 21 to 23, Technical University Munich, 50 speakers, 300 participants, first of the conference series of the Informal Urbanism Hub of the UN Habitat University Initiative
 Role: director
 Funding: Hans Fischer Fellowship, Technical University Munich

2011 **"Metropolis Nonformal"**
 Symposium, Oct 13, 14, Technical University Munich, 10 speakers, 200 participants, symposium director
 Role: director
 Funding: Hans Fischer Fellowship, Technical University Munich

EXHIBITIONS

2017 - 2019 **draussen. Landschaftsarchitektur auf globalem Terrain**
 out there. Landscape Architecture on Global Terrain
 Co-curator: Andres Lepik with Undine Giseke, Regine Keller, Jörg Rekittke, Antje Stokman, Christian Werthmann
 Locations: Architectural Museum in the Pinakothek der Moderne in Munich (April to October 2017) and at the Museum of the Herrenhausen Palace in Hannover (April 2018 to February 2019)
 Own exhibited research projects: *The River of Tamanduatei, Shifting Ground*
 Visitors: combined 60,000 (out of ten exhibited research projects)

2018 **Shifting Ground**
 Contributor: video installation in collaboration with Alejandro Echeverri, EAFIT University, Colombia
 Exhibited at: *Dialogos Impostergables, XX Bienal de Arquitectura y Urbanismo de Chile*, Valparaiso

2009 **A Place in Heaven, A Place in Hell. Tactical Operations in São Paulo's Informal Sector**
 Contributor: Studio Work at the Harvard Graduate School of Design
 Exhibited at: *Parallel Cases*, *International Architecture Biennale Rotterdam,* Rotterdam

2009 **Antonico River**
 Contributor: Research Project with MMBB Architects, São Paulo

Exhibited at: *International Architecture Biennale Rotterdam* titled
Open City: Designing Coexistence, Squat in the City section,
Rotterdam

2008   **Dirty Work: Landscape in the Non-Formal City in the Americas**
Co-Curator: Christian Werthmann and John Beardsley
Gund Hall Exhibition at the Graduate School of Design, Harvard
University, January 28 – March 16

Traveling Exhibition with stops at:
- Architecture Museum, Buenos Aires, Argentina,
December 2008
- Museu Casa da Brasileira, Sao Paulo, Brazil, May,
June 2009

2007   **TransUrban: Charting Experiments for the City of the Future**
Co-Curator: Christian Werthmann and Thomas Schroepfer
Traveling Exhibition with stops at:
- Urban Redevelopment Authority in Singapore,
Indonesia, April
- Universität Chinghua in Peking, China, May
- Universität Hong Kong, China, June
- Space Group in Seoul, Korea, August
- Fundacio Metropoli in Madrid, Spain, September

2006   **TransUrban: Charting Experiments for the City of the Future**
Co-Curator: Christian Werthmann and Thomas Schroepfer
Faculty Wall Exhibition, Graduate School of Design, Harvard
University

2005   **GSD Green Roof**
Co-Curator: Christian Werthmann, Katrin Scholz-Barth and Barbara
Deutsch
Traveling Exhibition:
- Graduate School of Design, Harvard University,
March
- Conference "2020", Harvard University, April
- Conference "Green Roofs For Healthy Cities",
Boston, May

PUBLICATIONS

MONOGRAPHS

Werthmann, Christian. *Informal Urbanization in Latin America. Collaborative Transformations of Public Spaces.* London: Routledge, 2021.

Werthmann, Christian, and Jessica Bridger, *Metropolis Nonformal.* San Francisco: Applied Research + Design Publishing, 2015.

Werthmann, Christian. *Green Roof- A Case Study: Michael Van Valkenburgh's Associates Design for the Headquarters of the American Society of Landscape Architects.* New York: Princeton Architectural Press, 2007.

VOLUMES

Andres Lepik in cooperation with Undine Giseke, Regine Keller, Jörg Rekittke, Antje Stokman, Christian Werthmann *(eds.) Out There. Landscape Architecture on Global Terrain.* Berlin: Hatje Cantz, 2017

ARTICLES, PAPERS AND BOOK CHAPTERS

SINGLE AND FIRST AUTHOR PUBLICATIONS

Werthmann, Christian, Sapena, M., Kühnl, M., Singer, J., Garcia, C., Menschik, B., Schäfer, H., Schröck, S., Seiler, L., Thuro, K., and Taubenböck, H.: Insights into the Development of a Landslide Early Warning System Prototype in an Informal Settlement: the Case of Bello Oriente in Medellín, Colombia, Nat. Hazards Earth Syst. Sci., https://doi.org/10.5194/nhess-2023-53, 2024.

Werthmann, C. Reporting from the front. Nat Hazards 119, 1145–1148 (2023). https://doi.org/10.1007/s11069-023-05815-3

Werthmann, Christian. "Towards a Practice of Anticipation" In: *Informality and the City. Theories, Actions and Interventions*, edited by Gregory and Pablo Meninato, 2022.

Werthmann, Christian. "Trust, Shared Ideals and Persistence The Genesis of an International Research Collaboration in the Face of Climate Crisis and Inequality" In: *Ten years Urbam*, (forthcoming)

Werthmann, Christian. "Ungleich verwundbar. Erkenntnisse aus den Steihängen des Valle de Aburrá" In: *TRUST Stadt und Land – Orte der Veränderung*, Unimagazin Leibniz Universität Hannover, 2020.

Werthmann, Christian. "Anticipate! Field Notes in the Human Age - the Case of Canaan, Haïti and Medellín, Colombia" In: *8th ICBR Lisbon Book of Papers*, edited by Martins, A. Nuno, Liliane Hobeica, Adib Hobeica, Pedro Pinto Santos, Nuha Eltinay, and José Manuel Mendes. 2019.

Werthmann, Christian "Learning from Canaan, Haiti's Third Largest City (?) Born in the Aftermath of a Catastrophe" In: *Reshaping Glocal Dynamics of the Caribbean: Relaciones y Desconexiones, Relations et Déconnexions, Relations and Disconnections* edited by Bandau, Anja, Brüske, Anne und Ueckmann, Natascha, Heidelberg: Heidelberg University Publishing, 2018, p. 231-242

Werthmann, Christian. "Walking the Third Path" In: *Inspiration Highline*, edited by Udo Weilacher, 64-65. Munich: Technical University Munich, 2018.

Werthmann, Christian. "Der vierte Garten. Überlegungen zur Umgestaltung des Welfengartens" In: *Von Herrenhausen in die Welt. Gärten und Gartenkultur im Spiegel der Sommerakademie Herrenhausen 2015 und 2016*, edited by Sabine Albersmeier und Joachim Wolschke-Bulmahn, Herrenhäuser Schriften, Band 8, Akademische Verlagsgemeinschaft München, S. 457-469, 2018.

Werthmann, Christian. "São Paulo, Brasil. The Lost River of Tamanduateí". In: *Out There. Landscape Architecture on Global Terrain*, edited by Andres Lepik in cooperation with Undine Giseke, Regine Keller, Jörg Rekittke, Antje Stokman, Christian Werthmann, 136-145. Berlin: Hatje Cantz, 2017.

Werthmann, Christian. "Medellín, Colombia. Shifting Ground" In: *Out There. Landscape Architecture on Global Terrain*, edited by Andres Lepik in cooperation with Undine Giseke, Regine Keller, Jörg Rekittke, Antje Stokman, Christian Werthmann, 124-133. Berlin: Hatje Cantz, 2017.

Werthmann, Christian. "Daseinsvorsorge für die andere Mehrheit: Eine internationale Perspektive" In: *Stadt Denken 1*, edited by Deutsche Akademie für Städtebau und Landesplanung, 129-140, Berlin, 2017.

Werthmann, Christian. "Warum der Garten im Zeitalter planetarischer Urbanisierung noch nicht ausgedient hat" In: *Der Garten als Modell. Festschrift für Kaspar Klaffke* edited by Wolschke-Bulmahn, Joachim/Clark, Ronald, Herrenhäuser Schriften. Eine Reihe der Freunde der Herrenhäuser Gärten e.V., Band 5, 383-394. Munich: Akademische Verlagsgemeinschaft München, 2017.

Werthmann, Christian "Zur Ausstellung *Draußen. Landschaftsarchitektur auf globalem Terrain*" *MAP- München Architektur Programm 03+04 2017*. München: Fakultät für Architektur und dem Architekturmuseum der Technischen Universität München, 2017

Werthmann, Christian. „Skipping Centralization" In: *Global Stability Through Decentralization?,* edited by Martin A. Wilderer and Martin Grambow, 75-80. Heidelberg: Springer, 2016

Werthmann, Christian. "Landschaftsarchitektur in einer geteilten Welt." In *Zukunft Stadtgrün: Nutzen und Notwendigkeit urbaner

Freiräume, edited by DGGL e.V., 102-106. München: Callwey, 2014.

Werthmann, Christian. "Pollution and Propaganda." In *Design in the Terrain of Water,* edited by Anuradha Mathur, and Dilip da Cunha, 123-129. Philadelphia: Applied Research + Design Publishing, 2014.

Werthmann, Christian. "Social Design – Die Rolle der Landschaftsarchitektur in der Urbanisierung unseres Planeten." *Unimagazin, Zeitschrift der Leibniz Universität Hannover* 03/04 (2013): 50-55.

Werthmann, Christian. "Biotic Rooftops." In *Ecological Architecture*, edited by Thomas Schröpfer, 70-78. Basel: Birkhäuser, 2012.

Werthmann, Christian. "Is Informal Urbanism Sustainable." In *Sustainable Urbanism and Beyond*, edited by Tigran Hassan, 58-60. New York: Rizzoli, 2012.

Werthmann, Christian. "Designing Process: The Exemplar Community Zoranje in Haiti." *TOPOS* 76 (2011): 90-96.

Werthmann, Christian. "Dirty Work: Landscape and Infrastructure in Nonformal Cities." In *Design with the Other 90%: Cities,* edited by Cynthia E. Smith, 78-93. New York: Cooper Hewitt, Smithsonian Design Museum, 2011.

Werthmann, Christian. "Squatting Infrastructure." In *Infrastructural Urbanism*, edited by Thomas Hauck, Regine Keller, and Volker Kleinekort, 289-302. Berlin: Dom Publishers, 2011.

Werthmann, Christian. "Landscape on the Edge." In *Urban Agriculture Casablanca: Design as an integrative Factor of Research*, edited by Undine Giseke, 6-7. Berlin: Technische Universität Berlin, 2010.

Werthmann, Christian. "Stalker." In *Learning from Duisburg Nord: Kommentare internationaler Experten zu einem Meisterstück aktueller Landschaftsarchitektur,* edited by Udo Weilacher, 76-77. München: Lehrstuhl fuer Landschaftsarchitektur und industrielle Landschaft, Technical University Munich, 2010.

Werthmann, Christian. "A Place in Heaven, a Place in Hell: Tactical Operations in São Paulo." In *Ecological Urbanism,* edited by Mohsen Mostafavi, and Gareth Doherty, 588-589. Baden, Switzerland: Lars Müller Publishers, 2010.

Werthmann, Christian. "Green Infrastructure in Slums." Paper presented at CELA Conference, the Netherlands, Maastricht, May 12-14, 2010.

Werthmann, Christian, "Green Roofs in Dry Climates." Paper presented at Proceedings of Water Expo Zaragoza, Spain, June 12-14, 2008.

Werthmann, Christian. "Tactical Infrastructure Interventions." In *SLUM Lab: Informal Toolbox*, edited by Alfredo Brillembourg, and Hubert Klumpner, 68-71. São Paulo: São Paulo Housing Agency, 2008.
Werthmann, Christian. "Making History: The Favela Bairro Program and More." *Harvard Design Magazine* 28 (2008): 46-49.

Werthmann, Christian. "Dirty Water: The Guarapiranga Reservoir, Parque Amelia: The City of Sao Paulo; Watery Voids: MMBB." *Harvard Design Magazine* 28 (2008): 58-61.

Werthmann, Christian. "Story of a Map." In *A View on Harvard GSD Vol. 1,* edited by Mohsen Mostafavi, Alexander Dean, and Victoria Wiley, 653. Cambridge, MA: Tank Form Ltd for the Harvard University Graduate School of Design, 2009.

Werthmann, Christian. "Environmental and Informal Urbanism – a Comparison." In *Metropolis 2: Resources: Design for the Future of Metropolis,* edited by Oliver Hamm, and Olaf Bartels, 122-133. Berlin: Jovis, 2008.

Werthmann, Christian. "Power Fusion: Landschaftsurbanismus und grüne Infrastruktur in den USA." *Garten+Landschaft* 4 (2007): 16-19.

Werthmann, Christian. "Mesopotamian Marshes and Modern Development: Practical Approaches for Sustaining Restored Ecological and Cultural Landscapes Harvard University, October 28–30, 2004." *Landscape Journal* 24 (2005): 223-224.

MULTIPLE AUTHOR PUBLICATIONS

Echeverri, Alejandro, Joseph Claghorn, Christian Werthmann. "Rehabitar la montaña". In *Ecological Design: Strategies for the Vulnerable City: Urban Green Infrastructures and Public Space in Latin America and the Caribbean* edited by Vera et al., 439-445, IDB, 2022 DOI http://dx.doi.org/10.18235/0004388

Grote, U., Dietrich, J., Ibendorf, J., Werthmann, C., Gabbert, W., Liefner, I., Nolte, K., Onken, H., Schlurmann, T., Schmieder, U., Tuitjer, L., Weichgrebe, D. (2019) „Migration und räumliche Transformation. Theoretische Ansätze, empirische Erkenntnisse, interdisziplinäre Perspektiven" Leibniz Forschungszentrum TRUST. TRUST-Schriftenreihe. Diskussionspapier Nr. 1/2019. Hannover. 74 S. DOI https://doi.org/10.15488/5212

Undine Giseke, Regine Keller, Jörg Rekittke, Antje Stokman, Christian Werthmann "Out There. Landscape Architecture on Global Terrain" In: *Out There. Landscape Architecture on Global Terrain*, edited by Andres Lepik in cooperation with Undine Giseke, Regine Keller, Jörg Rekittke, Antje Stokman, Christian Werthmann, 8-11. Berlin: Hatje Cantz, 2017.

Claghorn, Joseph, Orsini, Francesco Maria, Echeverri Restrepo, Carlos Alejandro, Werthmann, Christian. „Rehabitar la Montaña: strategies and processes for sustainable communities in the mountainous periphery of Medellín" *urbe 8 (1),* 2016*.*

Claghorn, Joseph, Christian Werthmann. „Shifting Ground: Landslide Risk Mitigation through Community-Based Landscape Interventions." *Journal of Landscape Architecture 10* (2015): 6-15. DOI: 10.1080/18626033.2015.1011419

Hannemann, Johann-Christian, Christian Werthmann, and Thomas E. Hauck. "Designing for Uncertainty: The Case of Canaan, Haiti." In *Revising Green Infrastructure: Concepts between Nature and Design,* edited by Daniel Czechowski, Thomas Hauck, and Georg Hausladen, 323-351. Boca Raton: CRC Press, 2014.

Claghorn, Joseph, Christian Werthmann. "Non-formal Growth and Landslide Risk. Strategies to improve non-formal settlements in Medellin." *TOPOS 90* (2015): 50-56

Werthmann, Christian, Limin Hee and Thomas Schröpfer. "Aspirations and Realities of Exemplary Eco-cities." *Detail Green* 2 (2010): 12-15.

Werthmann, Christian, and John Beardsley. "Dirty Work." *TOPOS* 64 (2008): 36-42.

Werthmann, Christian, and John Beardsley. "Improving Informal Settlements." *Harvard Design Magazine* 28 (2008): 31-34.

Werthmann, Christian, and Thomas Schroepfer. "Faculty Project TransUrban." *Harvard Design Magazine* 28 (2008): 126-127.

Werthmann, Christian, Thomas Schroepfer, and Limin Hee. "TransUrban: Vauban." Paper presented at 3rd International Conference on Sustainable Development and Planning, Algarve, Portugal, April 25-27, 2007.

RESEARCH REPORTS

Werthmann, Christian, and Alejandro Echeverri, eds. *Rehabitar La Montaña: Estrategias y procesos para un hábitat sostenible en las laderas de Medellín.* Medellin: Universidad EAFIT, 2013. http://issuu.com/werthmann/docs/shiftingground.

Werthmann, Christian, Alejandro Echeverri, and Ana Elvira Vélez, eds. *Rehabitar La Ladera: Shifting Ground.* (Medellin: Universidad EAFIT, 2012), http://issuu.com/werthmann/docs/shiftingground.

Werthmann Christian, Phil Thompson, Dan Weissman, Anya Brickman Raredon, and Erdem Ergin, eds. *Designing Process: Opportunities for Long-term Sustainable Urbanization in Post-Disaster Port-au-Prince, Haiti.* (USA: Harvard MIT, 2012), http://issuu.com/gsdmit/docs/designingprocess/1.

Schröpfer, Thomas, Christian Werthmann, and Limin Hee. *TransUrban: Charting Experiments for Cities of the Future. Case Study 03: Valdesparterra, Spain; Case Study 04: Sarriguren, Spain; Case Study 05: BO2, Malmö, Sweden.* Cambridge, MA: Harvard University, Graduate School of Design, 2010.

Schröpfer, Thomas, Christian Werthmann, and Limin Hee. *TransUrban: Charting Experiments for Cities of the Future. Case Study 02: solarCity Linz-Pichling.* Cambridge, MA: Harvard University, Graduate School of Design, 2008.

Schröpfer, Thomas, Christian Werthmann, and Limin Hee. *TransUrban: Charting Experiments for Cities of the Future. Case Study 01: Vauban.* Cambridge, MA: Harvard University, Graduate School of Design*, 2007.*

Werthmann, Christian. "*Der Raum im Zeitalter seiner technischen Reproduktion. Über Materialität und Virtualität (Eng.: Space in the Time of its Technical Reproduction. About Materiality and Virtuality)."* Thesis, Fachhochschule Weihenstephan, 1992.

Werthmann, Christian, ed. *Tactical Operations in the Informal City.* São Paulo: São Paulo Housing Agency, 2009.

Werthmann, Christian, and Carl Steinitz, eds. *Reviving the Tajo River.* Toledo: Fundación + Summa, 2008.

Werthmann, Christian, and Carl Steinitz, eds. *An Alternative Future for the Landscapes of Castilla: La Mancha.* Toledo : Foro Civitas Noca; Cambridge, MA: Harvard University, Graduate School of Design, 2007.

ACADEMIC AWARDS AND GRANTS

2019   **Inform@Risk.** Development of an Integrated Early Warning System against Landslides in non-formal settlements of Medellin, Colombia Federal Ministry of Education and Research (BMBF, 03G0883A), in the lead of five German and six Colombian research partners, four year project

2018   **draußen. Landschaftsarchitektur auf globalem Terrain** Sparkassenstiftung Hannover for exhibition project in Schloss Museum Herrenhausen, Hannover

2017   **Dangerous Landscapes** Volkswagen Foundation to international conference of the same name (see also conferences)

2014   **Prize for Excellent Education** Leibniz University Hannover

2013	**Rehabitar la Ladera**
	City of Medellin to joint research initiative Leibniz University Hannover-EAFIT University

2013	**Haiti Evacuation Systems Initiative**
	World Bank Grant to joint research initiative Leibniz University Hannover-MIT

2011	**Hans Fischer Senior Fellowship**
	Technical University Munich, fellowship for high risk research

2011	**The Exemplar Community – Oranger, Haiti**
	Deutsche Bank Grant to joint research initiative Harvard-MIT

2011	**Real Estate Academic Initiative Grant**
	Harvard University
	Transurban: Charting Experiments for Cities of the Future

2010	**Communication Excellence Award of the American Society of Landscape Architects**
	Tactical Operations in the Non-formal City
	Option Studio at Harvard Graduate School of Design
	Role: Main Instructor

2010	**Dean's Annual Research Grant Program Award**
	Harvard Graduate School of Design
	Landscape and Infrastructure Strategies for Emergent Slums

2009	**Teacher of the Year**
	Landscape Architecture Department
	Graduate School of Design, Harvard University

2009	**Real Estate Academic Initiative Grant**
	Harvard University
	TransUrban

2009	**Dean's Annual Research Grant Program Award**
	Harvard Graduate School of Design
	GSD Green Roof Part II. Evaluation and Projection

2008	**Honorary Award of the American Society of Landscape Architects**
	Contested Waters: The Tajo River in Spain
	Option Studio at Harvard Graduate School of Design
	Role: Main Instructor

2008	**Option Studio Grant Award**

Sao Paulo Housing Ministry (SEHAB)
Canthino do Ceu – A Piece of Heaven

2008   **Dean's Annual Research Grant Program Award**
            Harvard Graduate School of Design
            Landscape in the Non-Formal City

2007   **Option Studio Grant Award (Part Two)**
            Civitas Nova, Toledo, Spain
            Contested Waters: The Tajo River in Spain

2007   **Dean's Annual Research Grant Program Award**
            Harvard Graduate School of Design
            Infrastructure in the Non-Formal City

2007   **Dean's Annual Research Grant Program Award (Part Two)**
            Harvard Graduate School of Design
            TransUrban. Case II

2007   **Option Studio Grant Award (Part One)**
            Civitas Nova, Toledo, Spain
            The Landscapes of Castilla La-Mancha

2006   **Dean's Annual Research Grant Program Award (Part One)**
            Harvard Graduate School of Design
            TransUrban. Charting Experiments for the City of the Future

2006   **The Tozier Fund Award for Visual Education in the Sciences**
            Faculty of Arts and Sciences, Harvard University
            Green Roof Publication

2005   **Dean's Annual Research Grant Program Award**
            Harvard Graduate School of Design
            Green Roof Hybrids

PROFESSIONAL PRACTICE AWARDS

2005   **Honorary Award of the American Society of Landscape Architects**
            Parking Structure #4, Stanford University, CA
            Office: Peter Walker and Partners
            Role: Project Leader, Design and Construction Documentation

2004   **Entry of Note, International Competition**
            National Aids Memorial, Golden Gate Park, San Francisco, CA
            Partner: Joseph MacDonald, Architect

2000	**First Prize, San Francisco Prize 2000** International Competition *Harvey Milk Memorial* USA Partner: LOMA, Kassel
1996	**First Prize, Invited Competition** *Barracks Conversion Halle, Germany* Office: Peter Latz and Partners Role: Project Landscape Architect
1996	**First Prize, Invited Competition** *Steelworks Voelklingen, Germany* Office: Peter Latz and Partners Role: Project Landscape Architect
1995 Netherlands	**Second Prize, International Ideas Competition** *Designing the Inner Fringes of Green Heart Metropolis,* The Eo Wijerstichting Foundation Partner: Petra Brunnhofer, Architect
1994	**First Prize, Design Competition** *Church Plaza,* Passau, Germany, Office: Klaus Meyer, Architect Role: Team Leader, Principal Designer
1994	**First Prize, Urban Planning Competition** *Urban Redevelopment Grafenau*, Germany Office: Klaus Meyer, Architect Role: Team Leader, Principal Designer
1993	**Honorary Award, Urban Planning Competition** *Historic Center Friedberg*, Germany Partner: Tilman Latz
1993	**Karl Foerster-Prize** Lenné Competition *Bassinplatz Potsdam*, Germany
1992	**Phillips Award** Architectural Competition '*Light and Architecture*' Frankfurt, Germany
1991	**First Prize, Student Competition** *Park Poing*, Germany

SELECTED LECTURES, KEYNOTES AND PANELS

2021   **Buying Time**
Lecture at Lecture Series Boston Society for Architecture, May 18

2021   **Suburbia wird Utopia - wie die Ärmsten der Armen Städte gestalten**
Panelist Xplanatorium, Herrenhäuser Forum *Politik Wirtschaft Gesellschaft*, Apr 15

2021   **Pandemie! Wie verändert die Pandemie die Urbanität von Berlin?**
Panelist at Stadtforum Berlin (online), Jan 18

2020   **Shifting Ground**
Lecture at International Urban-Rural Assembly Conference Series, "Integrative Urban-Rural Planning and Governance: A Global Perspective", Sept 21

2019   **Shifting Ground**
Keynote at award ceremony „Deutschland Stipendium", Dec 04

2019   **Hast Du einen Baum vor Deiner Tür?**
Lecture at Lecture Series "Kinder Uni Hannover", Leibniz University Hannover, Nov 19

2019   **The Inequality of Vulnerability**
Lecture at Lecture Series Díalogos urbam, EAFIT University Medellín, May 22

2018   **Navigating the Waters of Inequality**
Lecture at Lecture Series Wasserhorizonte, Hafencity University Hamburg, Dec 18

2018   **Die Ungleichheit von Verwundbarkeit. Beobachtungen aus dem Dickicht der Weltverstädterung**
Keynote, Wissenschaftspreis Leibniz Universität Hannover, Dec 3

2018   **Anticipate. Field Notes in the Human Age – the case of Onaville, Haiti and La Cruz, Colombia**
Keynote, 8th International Conference on Building Resilience, Nov 6

2018   **Der Fall Mocoa. Im kolumbianischen Dickicht von Krieg, Katastrophen und Kostbarkeiten**

Lecture at Herrenhausen Forum, Volkswagen Foundation, Radio Norddeutscher Rundfunk, Oct 22

2018   **Dynamiken selbstgebauter Städte**
Lecture at Conference 100 Places:M, Technical University Munich, Oct 11

2018   **Design with Risk**
Lecture at Symposium "Design with ..." Fakultät für Architektur, Karlsruhe Institute of Technology, June 14

2018   **Shifting Ground**
Lecture at MADS - Ministerio de Ambiente y Desarrollo Sostenible: Ministry of Environment and Sustainable Development, Bogotá, Colombia, Jan 18

2018   **Hals über Kopf**
Lecture at Techniksalon, Leibniz Universität Hannover, Nov 11

2017   **Dangerous Landscapes**
Introduction to Conference "Dangerous Landscapes", Herrenhausen Palace, Hannover, Nov 27

2017   **Shifting Ground. Urban Farming as a Tool for Landslide Risk Management in Peripheral Informal Settlements of Medellín, Colombia**
Lecture at 8. Brazilian-German Frontiers of Science and Technology Symposium, Alexander von Humboldt-Stiftung (AvH) with the Brazilian Federal Agency for Support and Evaluation of Graduate Education (CAPES), Oct 6

2017   **Warum der Garten im Zeitalter planetarischer Urbanisierung noch nicht ausgedient hat**
Lecture at Sommerakademie Herrenhausen, Aug 30

2017   **Landscape Architecture and the Nonformal**
Lecture at University of Cape Town. Lecture Series of Landscape Architecture Department, March 30

2017   **Landscape as Risk and Remedy**
Lecture at The AEDES Metropolitan Laboratory, Mobilising the Periphery. #4 Latin America: From Segregated to Integrated Urban Landscape, Berlin, Jan 28

2016   **Landschaft und die selbstgebaute Stadt.**

Lecture at Dresdner Planerforum, Leibniz-Institut für ökologische Raumentwicklung, Nov 09

2016	**The Right to Create. Observations on the Desirability of Co-Production of Housing and Landscape in the Rapid Urbanization of the Planet** Lecture at Mellon Colloquium: Landscapes of Housing, Harvard Graduate School of Design, Oct 14
2016	**Daseinsvorsorge für die andere Mehrheit** Keynote, General Assembly Deutsche Städtebauakademie, Sept. 17
2016	**Metropolis Nonformal. Contemporary Approaches Towards Mitigating und Anticipating Slums on a Planetary Scale** Lecture at General Assembly, Institute of Advanced Studies, Technical University Munich, April 28
2016	**Metropolis Nonformal. The Certainty of Uncertainty** Lecture at Lecture Series, Hong Kong University, March 17
2016	**Nonformal is Normal** Lecture at Book Presentation and Panel Discussion, Harvard Graduate School of Design, March 03
2015	**Metropolis Nonformal** Lecture at 15. Münchener Wissenschaftstage, Themenabend Megacities, Nov 17
2015	**1/2** Lecture at Lecture Series Landscape Architecture and Public Space, Technical University Munich, Nov 12
2015	**try fail reset. Landscape and Urban Design in Post-Earthquake Haiti** Lecture at Reshaping (G)Local Dynamics of the Carribean, Herrenhausen Palace, Hannover March 16
2015	**Hydrophilic Urbanism** Lecture at EAFIT University Medellín, Oct 01
2014	**Informal Urbanism Hub** Lecture at Cairo University, Conference "Responsive Urbanism in Informal Areas", Nov 25
2014	**Landscape and Urbanism** Lecture at EAFIT University Medellín, Oct 18

2014   **Rehabitar la Montaña**
Lecture at São Paulo Planning Department (SMDU), Oct 14

2014   **Rehabitar la Montaña**
Lecture at World Bank, Understanding Risk Conference, Haiti, July 15

2014   **Management of Informal Cities**
Lecture at International Expert Group on Earth System Preservation(IESP), keynote at Wildbad Kreuth workshop, April 24

2014   **Rehabitar la Montaña**
Lecture at World Urban Forum, Side Event, April 11

2014   **Slums & Gardens**
Lecture at VW Stiftung, Herrenhausen Late, May 21

2013   **Metropolis Nonformal- 10 Things Designers Need to Work On**
Lecture at UN-Habitat, Urban Lecture On-line Series, Nov 20

2013   **Metropolis Nonformal**
Lecture at Symposium "Metropolis Nonformal", Nov 21 to 23, Technical University Munich

2013   **Metropolis Nonformal**
Lecture at TU-Munich, Institute for Advanced Studies Assembly, April 26

2012   **1/3**
Lecture at The World Summit on Innovation and Entrepreneurship, Boston, Sept 26

2011   **1/3- Towards a Global Design Exchange**
Hans-Fischer-Senior-Fellow Intro Lecture, Technical University Munich, Dec 15

2011   **Landscape Operations in the Non-formal City**
Lecture at IFLA Conference "Scales of Nature", Zurich, June 27

2011   **Propaganda and Pollution. The Case of Cantinho do Céu in São Paulo**
Lecture at "The Terrain of Water" Conference, Pennsylvania School of Design, April 02

2010   **Landscape Operations in the Non-formal City**

Lecture at Landscape Architecture Lecture Series, Rutgers University

2010 **Green Infrastructure in the Non-Formal City**
Keynote, Research Workshop *Urban Agriculture As an Integrative Factor in Climate Optimized Urban Development in Casablanca*, Casablanca, Freie Universitaet Berlin

2010 **TransUrban**
Lecture at Infrastructure, Sustainability & Design Conference, Harvard Graduate School of Design

2010 **Upgrading Informal Settlements through Socio-ecologic Infrastructure Provision**
Lecture at Networking Event, World Urban Forum, Rio de Janeiro

2010 **Squatting on Infrastructure**
I Lecture at nfrastructural Urbanism Conference, Technical University Munich

2009 **Green Infrastructure in the Non-formal City**
Lecture at International Federation of Landscape Architects Conference, Rio de Janeiro

2009 **Dirty Work**
Lecture at Ecogram Conference, Columbia University, New York

2009 **Dirty Work**
Opening Lecture of *Dirty Work* Exhibition at the Museu Casa da Brasileira in São Paulo

2009 **Ecological and Informal Urbanism**
Discussion Group Presentation and Panelist at the *Ecological Urbanism* Conference, Harvard University Graduate School of Design

2009 **Designing in the Non-formal City**
Lecture at Escuola de Cidade, São Paulo, Brazil

2008 **Green Infrastructure**
Lecture at the 9th Dominican Architecture Biennale *Towards a Green Architecture,* Santo Domingo, Dominican Republic

2008 **Dirty Work and TransUrban**
Lecture at Conference *A Better World By Design,* Brown University and Rhode Island School of Design, Providence, Rhode Island

2008 **Green Roofs**

Lecture at Architecture Department, The University of Texas at Austin University

2008   **Representation Breakdown – Landscape in the Non-Formal City**
Lecture in the Series *State of the Art,* Wageningen University, The Netherlands

2008   **Dirty Work, TransUrban and Green Infrastructure in the Non-Formal City**
Lecture at Exhibition Opening *Informal Toolbox,* City Hall, Sao Paulo

2008   **Informal Cities and Climate Change**
Lectureat Landscape Architecture department, Hannover University

2008   **Madrid, Castilla La Mancha and the Tajo River**
Lecture at Conference *Landscape Water & Sustainability,* Spanish Society of Landscape Architects, Zaragoza, Spain

2008   **Water and Green Roofs in Dry Climates – A Speculation**
Lecture at Conference *Water Expo Zaragoza,* Zaragoza, Spain

2008   **Global Warming and Urban Poverty – Observations on the**
Ground

Lecture at Conference *Global Warming,* Lincoln Institute and Graduate School of Design, Harvard University

2008   **On Structure**
Lecture at Department of Landscape Architecture, Technical University Munich, University of Rhode Island, USA

2007   **Approximations of the Future**
Lecture at Department of Landscape Architecture, Technical University Munich, Germany

2007   **Reshaping America's Roofs**
Lecture at Conference *Green Roofs,* New York Botanical Gardens

2007   **Roof Culture**
Lecture at Landscape Institute, Arnold Arboretum, Harvard University

2006   **Transurban: Charting Experiments for the City of the Future**
Lecture at Exhibition Opening, Graduate School of Design, Harvard University

2006   **On Structure – Transforming America's Roofscape**
Lecture at Landscape Department, University Connecticut

2005	**Seven**
	Lunchbox Lecture, Graduate School of Design, Harvard University

2004   **Splitter**
Lecture at Department of Landscape Architecture, Graduate School of Design, Harvard University

2003   **Landscape on Autopilot**
Lecture at Department of Landscape Architecture, Technical University Munich, Germany

2003   **Walking II**
Lecture at Department of Landscape Architecture, Technical University Munich, Germany

2002   **Walking**
Lecture at Department of Landscape Architecture, University Kassel, Germany

PROFESSIONAL PRACTICE

CHRISTIAN WERTHMANN

2009   **Antonico River in Paraisopolis, São Paulo, Brazil**
Urban River Restoration
Architect: MMBB, São Paulo
Role: Consulting Landscape Architect

2009   **Pink Cloud, San Francisco, CA**
Feasibility Study for a Harvey Milk Memorial
Partner: LOMA, Kassel Germany
Role: Principal Designer

2004   **Shrinking Cities, Detroit, MI**
International Design Competition
Partner: Leor Lovinger

2004   **National Aids Memorial, San Francisco, CA**
Golden Gate Park
Partner: Joseph MacDonald, Architect

2003   **Pentagon Memorial, Washington, DC**
International Design Competition
Partner: Leor Lovinger

2002	**Harvey Milk Memorial Plaza and Memorial Center, San Francisco, CA**
	Feasibility Study
	Partner: LOMA, Kassel, Germany

2000	**Harvey Milk Memorial, San Francisco, CA**
	International Design Competition *San Francisco Prize 2000*
	Partner: LOMA, Kassel, Germany

1996	**Train Station Buchloe, Germany**
	Urban Design Competition
	Partner: Werner Lang Architects

1996	**Living in the Garden City, Boeblingen, Germany**
	Urban Design Competition
	Partner: Petra Brunnhofer (LOMA)

1995	**Park Former Airport Munich-Riem, Germany**
	International Competition

1995	**Market Plaza Pfarrkirchen, Germany**
	Urban Design Competition

1995	**Designing the Inner Fringes of Green Heart Metropolis, The Netherlands**
	International Ideas Competition, *Eo Wijerstichting Foundation*
	Partner: Petra Brunnhofer (LOMA)

1994	**Church Plaza, Passau, Germany**
	Design and Art Competition
	Office: Klaus Meyer, Architect
	Role: Team Leader, Principal Designer

1994	**Urban Redevelopment Grafenau, Germany**
	Urban Planning Competition
	Office: Klaus Meyer, Architect
	Role: Team Leader, Principal Designer

1993	**Historic Center Friedberg, Germany**
	Urban Planning Competition
	Partner: Tilman Latz

1993	**Bassin Square Potsdam, Germany**
	Lenné Competition

| 1992 | **Light and Architecture, Frankfurt, Germany** |
| | Architectural Competition, *Philips* |

| 1992 | **Glockenturmplatz, Berlin, Germany** |
| | Student Competition, Former Olympic Fields |

1992	**Federal Garden Exhibition Magdeburg, Germany**
	International Competition
	Partner: Tilman Latz

| 1991 | **Park Poing, Germany** |
| | Student Competition |

PETER WALKER AND PARTNERS, Berkeley, CA, 1999 - 2004

2004	**San Jose Airport, CA**
	Landscape Masterplan
	Role: Project Leader

2002 - 2004	**University Merced, 1st Phase, CA**
	Concept Design, Design Documentation, Construction Documentation
	Architects: SOM, EHDD, Thomas Hacker Architects
	Role: Project Leader
	The first phase with three large institutional buildings, a power plant and student dorms has been erected on a 200 acre parcel on top of a former golf course.

2002	**University Merced, CA**
	Landscape Masterplan
	Architects: SOM
	Role: Project Landscape Architect
	The tenth Campus of the California State University System will gradually be built out on a total area of 5,000 acres.

2001 - 2003	**Parking Structure #4, Stanford University, CA**
	Concept Design, Design Documentation, Construction Documentation
	Role: Project Leader
	A 70,000 sf green roof was designed and built on top of a four story underground parking garage. It serves as the entrance and meditative landscape for the university hospital.

2000	**Milan City Expansion, Italy**
	Landscape Masterplan
	Architect: Foster and Partners
	Role: Project Landscape Architect

| 1999 | **Headquarter Deutsche Post, Bonn, Germany** |
| | Architect: Murphy/Jahn Architects |

Concept design
Role: Project Team

1999 - 2003   **Clark Center, Stanford University, CA**
Architects: Foster and Partners
Concept Design, Design Documentation, Construction Documentation,
Construction Observation
Role: Project Leader
*Clark Center is a large new science building for interdisciplinary research in
the newly configured West Campus. It is designed to be the new
communication hub on campus*

1999 - 2000   **West Campus, Stanford University, CA**
Masterplan
Role: Project Landscape Architect
*The West Campus of Stanford University was restructured in order to
accommodate several large new research buildings necessitating a total
reconfiguration of circulation, outside connections and outdoor spaces.*

HARGREAVES ASSOCIATES, San Francisco, CA, 1997 - 1999

1999   **Warren Campus, General Motors, Detroit, MI**
Masterplan, Project Design
Architect: Gensler Associates
Role: Project Team

1999   **Courtyard Thorndale, San Rafael, CA**
Construction Documentation, Construction Observation
Role: Project Team, Project Landscape Architect

1998 - 1999   **Campus Green, University Cincinnati, OH**
Construction Documentation
Role: Project Landscape Architect

1998   **Confluence East, Guadelupe River Redevelopment, San Jose, CA**
Construction Documentation
Role: Project Team

1998 - 1999   **Crissy Field Park,San Francisco, CA**
Construction Documentation, Construction Observation
Role: Project Team

1997 - 1998   **Fig Grove Water Feature, Olympic Fields, Sydney, Australia**
Construction Documentation
Role: Project Team

1997   **Clifton Gate, University Cincinnati, OH**
Construction Documentation
Role: Project Landscape Architect

1997	**Riverfront Park Portland, OR**
	Design Documentation
	Role: Project Team

PETER LATZ UND PARTNER, Freising, Germany, 1995-1996, part time

1996	**Barrack Conversion Halle, Germany**
	Invited Competition
	Role: Project Landscape Architect

1996	**Steelworks Voelklingen, Germany**
	Invited Competition
	Role: Project Landscape Architect

1995 - 1996	**Solar City, Linz, Austria**
	Landscape Masterplan
	Architects: Thomas Herzog, Foster and Partners, Richard Rogers
	Role: Project Landscape Architect

WIGBERT RIEHL, Kassel, Germany, 1992, part time

1992	**City Hall Kassel, Germany**
	Design Documentation
	Architects: HHLS, Kassel
	Role: Project Landscape Architect

1992	**Koester Residence, Germany**
	Design Documentation, Construction Documentation
	Role: Project Landscape Architect

PETER LATZ UND PARTNER, Freising, Germany, 1990 -1992, part time

1990 - 1992	**Ulm University, Germany**
	Construction Documentation
	Architects: Steidle and Partner
	Role: Project Team

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