



Associate Dean for Academic Affairs (Academic Dean)
Professor of Landscape Architecture and Technology
Graduate School of Design (GSD), Harvard University

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Executive Assistant/Academic Affairs:
Donna Lewis dlewis@gsd.harvard.edu

Courtesy Appointments:

Associated Faculty
Korea Institute, Harvard University
July 1, 2020 - June 30, 2024.
(member of Harvard University faculty organization support addressing research related to the Republic of Korea)

Founding Advisor, Landscape Welfare Institute
Seoul, South Korea
January 1, 2014-present day
(board member of non-profit organization addressing landscape design services for underprivileged communities in Korea)

Distinguished Overseas Visiting Professor
School of Architecture, Department of Landscape Architecture
Tsinghua University, Beijing, China
June 1, 2018- present day
(non-teaching research appointment on post-industrial landscapes for 2 weeks during summer break)

Founding Overseas Professorship of Landscape Architecture
Member, Senior Advisory Board of the Rural Planning Center
School of Civil Engineering and Architecture (BUCEA)
Beijing University, China
July 1 2016- June 30 2020
(non-teaching research appointment on post-industrial and rural landscapes)

William Allen Neilson Visiting Professor
Smith College, Northampton, MA, USA
September 1 2016 - December 31 2016
(sabbatical non-teaching appointment within Undergraduate Landscape Studies Program)

Niall Kirkwood is a landscape architect, technologist, architect, Associate Dean for Academic Affairs and a tenured Professor at the Harvard University Graduate School of Design, Cambridge, Massachusetts, USA where he has taught full time since 1992. Over the last forty-five years in design practice and in academic institutions he has carried out built projects, research, and authored key publications that focused on core issues in the design and implementation of designed landscapes in North America, Europe, the Middle East and Asia. These engage a range of topics related to landscape architecture and contemporary design, the built environment, climate change equity and the sustainable reuse of land including urban regeneration, landfill and post-mining site reclamation, environmental site technologies, site implementation and site development in the global post-industrial landscape. In addition, Kirkwood is a leading expert in the reuse of global brownfields and their integration of environmental remediation, site engineering and landscape design.

His English language publications include *Manufactured Sites: Rethinking the Post-Industrial Landscape* (Taylor Francis/Routledge), *Principles of Brownfield Regeneration* (Island Press), *PHYTO: Principles and Resources for Site Remediation and Landscape Design* (Taylor Francis/Routledge), *Weathering and Durability in Landscape Architecture* (John Wiley) and *The Art of Landscape Detail* (John Wiley). His publications in other languages include *The Art of Landscape Detail* (John Wiley) Chinese, *Manufactured Sites* (Taylor Francis/Routledge) Arabic, *Principles of Brownfield Regeneration* (Island Press) Korean (2011), Chinese (2014) and *PHYTO: Principles and Resources for Site Remediation and Landscape Design* (Taylor Francis/Routledge) Chinese 2019. He held the position of Chair of the Department of Landscape Architecture at the GSD (2003-2009), Program Director (1998-2003, 2005-2008) and Advisor, Master of Design Studies Environment Track, (1999-2003). He has carried out teaching, consulting and research with Samsung EC, Lotte Inc, GS Development Company, The City of Ulsan, The City of Suwon, Gyeonggi Province- all Republic of Korea and The Wadia Group, Mumbai, India.

Prior to joining the Harvard GSD faculty, he was a registered and licensed architect and landscape architect with 16 years of experience in the private sector carrying out land reclamation and urban development projects in Scotland, European Mainland, Middle East, and the United States. He holds two architecture degrees from the University of Manchester (UK), a MLA degree from the University of Pennsylvania, Philadelphia, USA where he was awarded the 1985 Faculty Medal for Excellence as the top graduating student and an honorary degree from Harvard University, Cambridge, MA. He was awarded an Honorary Doctorate in Science from the University of Ulster, Northern Ireland in 2009 for his international contribution to brownfield regeneration practice and education. He has given keynote lectures internationally in the last twenty years in

Korea, China, Japan, Thailand, Mexico, Ireland, Germany, Russia including the keynote speech for the 2017 IFLA Asia-Pacific Congress (Bangkok, Thailand), 2010 IFLA Annual Conference (Suzhou, China) and 2008 IFLA Annual Europe Conference (St Petersburg, Russia) as well as lectures and seminars in design programs throughout North America, Europe, Middle East and South-East Asia. He is a Fellow of the American Society of Landscape Architects (ASLA) USA, and a Honorary Fellow of the Kew Guild, Royal Gardens at Kew, England, UK and was formerly a member of the Royal Institute of British Architects and The Landscape Institute (TLI), UK.

EDUCATION

<i>Degree</i>	<i>Institution</i>	<i>Discipline</i>	<i>Year</i>
DSc	University of Ulster (honorary)	Science	2009
AB	Harvard University (honorary)	Humanities	2001
MLA	University of Pennsylvania	Landscape Arch.	1985
BArch.	University of Manchester, UK	Architecture	1978
BA (Hon. Arch)	University of Manchester, UK	Architecture	1976

ACADEMIC AND RESEARCH POSITIONS HELD

<i>Title</i>	<i>Institution/Department</i>	<i>Dates</i>
Visiting Professor	Tsinghua University, Beijing, China	2018- present
Founding Professor	Beijing University, Beijing, China	2016- present
Adjunct Professor	Beijing University, Beijing, China	2015
Visiting Professor	Korea University, Seoul (Summer Semester)	2014
Visiting Professor	Korea University, Seoul (Summer Semester)	2013
Visiting Professor	University of Ulster, Belfast, Northern Ireland	2010- 2020
Visiting Professor	Korea University, Seoul (Spring Semester)	2010
Thesis Advisor	Tsinghua University, Beijing, China	2009- 2014
Tenured Professor	Harvard GSD	2001- present
Associate Professor	Harvard GSD	1997- 2001
Principal Instructor	Harvard GSD Career Discovery Program	1995- 1996
Assistant Professor	Harvard GSD	1993- 1997
Visiting Design Critic	Harvard GSD	1992
Visiting Studio Critic	University of Pennsylvania, GSFA	1991
Visiting Critic	Temple University, Philadelphia	1988-90

MEMBERSHIP OF PROFESSIONAL ORGANIZATIONS

<i>Organization</i>	<i>Year</i>
Co-Founder, Center for Brownfield Research, Tsinghua University, Beijing	2018- present
Board Member, Terra Cura Inc, Boston	2015
Advisor, Landscape Welfare Institute (LWI), Seoul, Korea	2014- present
Fellow, American Society of Landscape Architects	2009- present
Honorary Fellow, Kew Guild, Royal Gardens at Kew, England	2009- present
National Brownfields Association (NBA)	2001- 2005
National Association of Office and Commercial Properties (NAOIP)	2002-2007

Boston Society of Landscape Architects (BSLA)	1993- present
American Society of Landscape Architects (ASLA)	1989- present
Architectural Registration Council of the United Kingdom (ARCUK)	1978- 1996
Associate Member of the Institute of Landscape Architects (ILA)	1988- 1998
Royal Institute of British Architects (RIBA)	1979- 1996

PROFESSIONAL EXPERIENCE

Consultant, TILL, Towards Industrial Living Landscapes, CT USA	2016- present
Consultant, Weston & Sampson, Environmental Engineers, USA	2016
Consultant, Group Han, Landscape Architects, Seoul, Korea	2014- present
Consulting Principal, Eastwood Design Company, Beijing, China	2006- present
Director, The Clean Land Fund, Rhode Island	2005-2012
Senior Associate, Hanna/Olin Ltd. Landscape Architects, Philadelphia, PA.	1988-1992
Associate, Hanna/Olin Ltd. Landscape Architects, Philadelphia, PA.	1985- 1988
Project Architect, Trevor Dannatt & Partners, Architects, London, England.	1980 - 83
Project Architect, Derek Lovejoy & Partners, Landscape Architects, Scotland.	1978 - 80
Studio Assistant, Russell Wheatcroft & Partners, Architects, Manchester, England	1972-77 (part-time)

SELECTED PLANNING AND DESIGN JURY EXPERIENCE

<i>Activity</i>	<i>Location</i>	<i>Year</i>
Gyeonggi Housing & Urban Development Central Plaza	Gwanggyo, Korea	2023
History Museum International Design Competition	Jeollanam-do, Korea	2022
CBDX: BORDERLANDS International Ideas Competition	Calgary, Canada	2021 (virtual)
Co-Chair, International Friendship Bija Mountain Park	Shenzhen	2019
Jury Member, Seoul Compact City Design Competition	Seoul, Korea	2019
Chief Judge, BSD Creative Design Competition	Chuzhou, China	2015
Vice Chair, Jury for International Ideas Competition for the Urban Regeneration of Jamsil Sports Complex	Seoul, Korea	2015
Chairman, Design Jury Gwanggyo Lakeside Park,	Suwon, Korea	2008
Chairman, Design Jury, Hiriya Landscape Competition	Tel Aviv, Israel	2004

SELECTED EDITORIAL EXPERIENCE

<i>Activity</i>	<i>Institution</i>	<i>Year</i>
Guest Editor, Special Issue. LAND Journal Online	MDPI Beijing, China	2023- 2024
Deputy Editor in Chief, Landscape Architecture Journal	Beijing Forestry Univ	2020- present
Guest Editor, Nakhara Journal, Thailand	Chulalongkorn Univ	2017-2019
Managing Editor, Worldscape Magazine	ALAS, IAGARL China	2016- present
Advisory Editor, Landscape Architecture Journal, China	SCUT Guangzhou	2015- 2020
Editor in Chief, Nakhara Journal, Thailand	Chulalongkorn Univ	2015- 2018
Chief Editor, Spiritual Environments Journal	RISE, Seoul, Korea	2015- present

SELECTED ACADEMIC EXPERIENCE

<i>Activity</i>	<i>Institution</i>	<i>Year</i>
Korea Institute, Associated Faculty Member	Harvard University	2022- present
Associate Dean for Academic Affairs	Harvard GSD	2019-present
Participant, Magnolia Development Corp. Workshop	Harvard T.H. Chan SPH	2019 Summer
Distinguished Visiting Professor	Tsinghua University	2018- present

International External Examiner, Landscape Program	BFU, Beijing, China	2018
William Allen Neilson, Visiting Professor	Smith College, MA	2017 Fall
Board Member, Senior Advisory Board, Rural Planning	Beijing University, China	2015- present
Guest Professorship of Landscape Architecture	Beijing University, China	2015- present
Education Committee Member	LAF Foundation	2014- present
Visiting Professor,	Korea University, Seoul	2013-2017
Chair, Academic Misconduct Panel	Harvard GSD	2012- present
Keynote Speaker, International Conf, Suzhou, China	IFLA	2010
Sabbatical, Distinguished International Professor	Korea University	2010
Spring Semester		
Member of Advisory Board and External Examiner	Hong Kong University	2009-present
Faculty Advisor, Center for Health/Global Environment	Harvard University	2009- present
Moderator, Panel Discussion	IFLA Conference	2008
Urban Design and Ecology: International Perspectives	St Petersburg, Russia	
Chair, Junior Faculty Search	Harvard GSD	2007- present
Chair, Landscape Accreditation Committee	University of Toronto	2007
Thesis Advisor	Harvard GSD	2007-present
Reader, Architecture Thesis	MIT	2006
Chair, Senior Landscape Faculty Search	Harvard University	2006- present
Member, Accreditation Committee, MLA	Poly Tech Puerto Rico	2006
Member, Faculty Steering Committee Institute	Harvard University	2005- present
for Geographic Analysis		
Director, Masters in Landscape Degree Programs	Harvard GSD	2005-2008
LARB 5 Year Accreditation Report and Review	Harvard GSD	2005
Moderator, 'Landscape Voices' Panel Discussion	Monterrey University	2004
Gerald O'Hare Visiting Scholar	University of Ulster	2005-present
Member, Deans Search Faculty Advisory Committee.	Harvard University	2004
Chair, Department of Landscape Architecture	Harvard GSD	2003- 2009
Member, Senior Faculty Search (Arch)	Harvard GSD	2003- present
Chairman, Faculty Search Committee (LA)	Harvard, GSD	2001- 2002
Member, Senior Faculty Search (LA)	Harvard GSD	2001-2002
Graduate Advisor and Reader, Extension School	Harvard University	2000
Doctoral Advisor, DDes	Harvard GSD	2000- present
LARB 5 Year Accreditation Report and Review	Harvard GSD	2000
Director, Masters in Landscape Degree Programs	Harvard GSD	1999- 2003
Thesis Advisor and Reader (Architecture)	MIT	1999
Advisor, 'Design and the Environment' Track	Harvard GSD	1999- 2003
Master in Design Studies (MDesS)		
Committee on the Environment	Harvard University	1997- present
Committee on Harvard Native American Affairs	Harvard University	1996-present
Committee, Adv. Independent Study Program	Harvard GSD	1995- 2003
Committee Fulbright/Harvard Fellowship	Harvard GSD	1995-1999
Coordinator, Admissions Committee, MLA I	Harvard GSD	1995- present
Visiting Curriculum Committee to University	Harvard GSD	1995
of Monterrey, Nuevo Leon, Mexico		
Co-Coordinator, F.L. Olmsted Lecture Series	Harvard GSD	1995
Jury Member, Clifford Wong Housing Prize	Harvard GSD	1995- present
Synder Prize Award Jury	Harvard GSD	1995- 1999
Chairman, GSD Review Board	Harvard GSD	1994-1996
Ad-hoc Committee on Design Technology	Harvard GSD	1994-95

AWARDS AND HONORS (1993- 2023)

Council of Educators in Landscape Architecture (CELA) CELA National Excellence in Teaching Award- Senior Level	2023
Faculty Grant Award GSD Exhibition Proposal 2023: Tar Creek: Toxic Legacies, Racism and Tribal Landscape Transformations, NE. Oklahoma GSD BLM Equity Grant	2022
Faculty Grant Award Remade: Climate Equity, Sustainability and Design Thinking in the Geologic Landscape A Case Study for the Capital City of Edinburgh, Scotland. GSD Center for Green Buildings and Cities (CGBC)	2022
Mike Synar Environmental Excellence Award For Professor Kirkwood's enduring vision to restore Tar Creek and the damaged lands, Lead Agency, Inc, Miami, Oklahoma	2021
ASLA Student Award of Excellence: Housing entry, 'Thailand Remade': Informality as Filter: A Renewed Land Sharing Plan for Khlong Toei Community GSD 1407 Spring 2020, Instructor(s) Professor Niall Kirkwood, Kotchakorn Vora-akhom, GSD Visiting Design Critics 2019-2020	2020
Faculty Grant Award The City and Industrial Ecology: Investigating the Infrastructure of Ecosystem Services Research Cluster on Cities, GSD Center for Green Buildings and Cities (CGBC)	2019
Distinguished Visiting Professorship Tsinghua University, Beijing	2018- present
ASLA Student Award of Excellence: Communications entry #492733, 'Korea Remade': A Guide to the Reuse of the DMZ Area Towards Unification GSD 1407 Spring 2018, Instructor(s) Professor Niall Kirkwood, Jungyoon Kim, Yoonjin Park, GSD Visiting Design Critics 2017- 2018	2018
Faculty Grant Award China Harvard Fund	2018
Award of Excellence in Landscape Design and Architecture Council of Botanical and Horticultural Libraries (CBHL) Literature Award USA	2017
PHYTO GARDEN: A NEW PARADISE United States Representative International Horticultural Exposition 2016 Tangshan, Hebei Province, China	2016

Exhibition Theme: 'City and Nature, Phoenix Nirvana'

Honor Award for Communication 2016

Phyto: Site Remediation and Landscape Design Publication
with Co-author Kate Kennen
American Society of Landscape Architects (ASLA)

Honor Award for Communication 2016

Phyto: Site Remediation and Landscape Design Publication
with Co-author Kate Kennen
Boston Society of Landscape Architects (BSLA)

Best 10 Books of 2015 2015

The Dirt Column by Jared Green
Landscape Architecture Magazine (LAM)
Phyto: Site Remediation and Landscape Design Publication

Award winner 2013

Smart Small Project
Foundation des Jardins de Metis, Quebec, Canada
International Garden Festival, Summer 2013
with Youngkyu Kim and Jonghyun Baek

Merit Award for Design 2009

Plant works at 725 Main Street, Hyannis, MA
Partners: CTE, Kennen Landscapes, Boston, MA
Boston Society of Landscape Architects (BSLA)

Appointed Fellow 2009

American Society of Landscape Architects

Appointed Honorary Fellow, 2009

Kew Guild, Royal Gardens at Kew, England

Certificate of Recognition 2007

Licensing and Accrediting Office
Puerto Rico Council on Higher Education
Commonwealth of Puerto Rico

United States Housing and Urban Development Grant 2004

Reduction of Lead Hazards in Urban Yards
Partners: Edenspace Systems Corporation Inc. VA.

ASLA National Planning and Research Award 2004

Silresim Superfund Site and Tanner Street Industrial Corridor
City of Lowell, Massachusetts
Partners: CTE, Stoss Inc. Boston

Boston Society of Architects (BSA) Research Award 2004

Silresim Superfund Site and Tanner Street Industrial Corridor
City of Lowell, Massachusetts

Partners: CTE, Stoss Inc. Boston

US.EPA Grant for Technical Studies (Part Three) 2004

'The Use of Phytoremediation to Minimize Human Exposure and Health Risk following Renovation and Remodeling of Homes containing Lead-Based Paints'.

Partners: Edenspace Systems Corporation Inc. VA.

Landscape Architecture Grant 2003

Graham Foundation, Chicago

Award for completion of 'Weathering and Durability' manuscript

US.EPA Grant for Technical Studies (Part Two) 2003

'The Use of Phytoremediation to Minimize Human Exposure and Health Risk following Renovation and Remodeling of Homes containing Lead-Based Paints'.

Partners:

Edenspace Systems Corporation Inc. VA, Lead-Safe Cambridge, MA.

Reuse Assessment and Redevelopment Planning Proposal Award 2001

Silresim Superfund Site and Tanner Street Industrial Corridor

City of Lowell, Massachusetts

Partners: Stoss, The Bioengineering Group, Inc. and TRC Environmental Services

BSLA Professional Merit Award 2001

Planning (Publication), for *'Detroit Riverfront'*

Harvard Graduate School of Design

Co-Editor, Mary Margaret Jones, GSD Visiting Critic

NIEHS Grant RFA ES-99-001 2000

Superfund Hazardous Substances Basic Research Program

'A Community - Based Study of Lead-Exposure Pathways, Biomarkers of Dose, Health Effects, and Phytoremediation Strategies at the Tar Creek Superfund Site, Miami, OK'.

Project Co-Leaders:

Jack Spengler, Harvard School of Public Health

Howard Hu, Harvard Medical School

Rebecca Jim, LEAD, OK.

US.EPA Grant for Technical Studies (Part One) 2000

'The Use of Phytoremediation to Minimize Human Exposure and Health Risk following Renovation and Remodeling of Homes containing Lead-Based Paints'.

Partners:

Edenspace Systems Corporation Inc. VA, Lead-Safe Cambridge, MA.

Dean's Annual Research Grant Program Award

Harvard Graduate School of Design

'Lead Levels'

1999

'Manufactured Sites'

1996

BSLA Professional Honor Award 1999

Planning (Publication), for *'The Art of Landscape Detail'*

Landscape Architecture Grant

1996

Graham Foundation, Chicago

Award for completion of *'The Art of Landscape Detail'* manuscript

Tozier Teaching Grant, Harvard University

1993/4/5

CURRENT RESEARCH AND CONSULTING

Han River Mansion PJT, Seoul, Korea

Client: Samsung EC

Group Han: Landscape Architects, Seoul

2021

Invited Designer

Art Terraces 9, Housing Project, Seoul, Korea

Client: Hyundai Construction (HC)

Group Han: Landscape Architects, Seoul

2019

Invited Designer

Namcheon Samik Beach Project, Pusan, Korea

Client: GS Engineering and Construction/Seoul

Group Han: Landscape Architects, Seoul

2019

Invited Designer

Jeju Park Masterplan, Korea

Client: Yooshin Engineering Corporation

Jeju Island, Korea

2019

Invited Advisory Committee Member

Secret Forest, Yongin Sinbong 2 District 7BL, Seoul, Korea

Client: GS Engineering and Construction/Seoul

Group Han: Landscape Architects, Seoul

2019

Invited Designer

Phytoremediation for Brownfields, Case Study, CT

Client: Weston & Sampson, Environmental Engineers,

Boston, MA, USA

2016

Invited Phyto Consultant

Dongcheon Housing Landscape Project, Seoul, Korea

Client: GS Engineering and Construction/Seoul

Group Han: Landscape Architects, Seoul
2016
Invited Designer

Tangshan International Horticultural Exposition

Garden Design: 'Phyto'
Theme 'City and Nature'
Tangshan, China
July 2016 to October, 2016
Invited Designer

Dongchun New Town Housing Project, Seoul, Korea

Client: DSD Developer and Construction/Seoul
Group Han: Landscape Architects, Seoul
2015
Invited Consultant

Hanam Misa Housing Landscape Project, Seoul, Korea

Client: GS Engineering and Construction/Seoul
Group Han: Landscape Architects, Seoul
2014
Invited Designer

Landscape Reclamation: A Model for Post-Mining Sites in China

Pingshuo Mining Company, Shanxi, China
2012- present
Research and development of a conceptual model for post-mining reclamation and urbanism on mining sites and their impact of the environment

Electronic Festival Landscapes

Landscape Design Guidelines
Orient Landscape Design Group, Beijing, China
2011- present
Research into the planning, design and performance of festival landscapes with ubiquitous technologies

Forest of Peace

Korean Ministry of Forestry
Strategies for the Development of the DMZ National Forest, Korea for Active Uses
2010- present
Member of design and planning team from Korea University and Government officials addressing the reuse of the 10k zone at the boundary between North and South Korea.

Vertical and Horizontal Moss Panel Surfaces

Il Song, Korea and CTE, GSD.
2009- present
Research into site landscape technologies using moss as a living surface material

Asan City, Development and Planning

Chunghongnam-do, Korea

2008- present

Consulting with Mayor and city officials on design and planning issues related to lake district, downtown central business district, transportation, housing, industrial development and city branding.

Gwanggyo Lakeside Park, Suwon

Gyeonggi Urban Innovation Corporation

Design Competition International Jury Chair

2008

Member of international team of design experts assembled to review proposals for lakeside park project

at Gwanggyo including issues of development conservation and green design for public recreation

Research on U Cities, Korea

Collaborators: Korea Institute of Construction & Transportation Technology Evaluation and Planning (KICTEP) and the Center for Technology and Environment (CTE) of the Graduate School of Design, Harvard University, Cambridge, MA, USA.

2007- present

Research into U –Eco City developments in Korea and in foreign countries focusing on issues of housing, workplace, recreation and natural settings

Mumbai Margins: Urbanization and India

Collaborators: Bombay Dyeing Company Inc, Mumbai, India

R Sabiki, New Delhi

2006 –present

Design research into reconstruction or rehabilitation of urban housing in dense urban conditions including issues of mixed-use apartments, parking, opens space and community facilities.

Asarco Smelting Site, Monterrey, Mexico

Architects;

Grupo Designo Urbano, Mexico City

Legaretta and Legaretta, Mexico City

Consultant to Planning and Design Team on Remediation and Reuse Issues

2004

'The Use of Phytoremediation to Minimize Human Exposure and Health Risk following Renovation and Remodeling of Homes containing Lead-Based Paints'

USEPA FY 2000 Grant Funds for Technical Studies,

Part Two of field testing of contaminated residential yard soils in Cambridge, MA.

Summer 2004

Project Team:

Edenspace Systems Corporation, VA

India Initiative

CTE, Harvard Design School in collaboration with IDFC, Delhi and Mumbai

Academic Outreach Service to Industry and Public Partners on issues of sustainability, urbanization, natural resources and development in Mumbai

2004-

Hiyara Landfill, Tel Aviv, Israel

Design Charette, Spring 2003, Tel Aviv

Center for Technology and Environment at Harvard Graduate School of Design

Client: District Planning Office, Tel Aviv and The Beracha Foundation, Jerusalem

Charette Co-Organizer to District Planning Office, Tel Aviv

Co-organizer of an international charette with teams of designers and planners drawn from Israel, Europe and North America reviewing future alternatives for a 3000 acre site in the Southern Tel Aviv area that includes the Hiyara Landfill.

Gray Skies: Natural Disasters, Climate Change and the Built Environment

Research Project, 2001- 2005

Center for Technology and Environment at Harvard Graduate School of Design

Principal Investigator and Project Leader

Drastic changes to natural and built landscapes by climate change, industrialization and pollution are the subject of an interdisciplinary study including proposals for advanced interdisciplinary seminars.

Global Brown: Environmentally Compromised Landscapes and International Development

Research Project, 2000- 2006

Center for Technology and Environment at Harvard Graduate School of Design

Principal Investigator and Project Leader

An interdisciplinary project that advances an understanding of world pollution, land development issues and the future demands of industrialization in developing countries.

Hiyara Landfill, Tel Aviv, Israel

Research Project, Spring 2001

Center for Technology and Environment at Harvard Graduate School of Design

Client: District Planning Office, Tel Aviv and Beracha Foundation

Resource Consultant to District Planning Office, Tel Aviv

Resource consultant within an international multidisciplinary team of designers, planners and historians reviewing future alternatives for a 2000 acre site in the Southern Tel Aviv area that includes the Hiyara Landfill.

Brownfield Portal: A Digital Inventory & Platform of Brownfield Sites in Massachusetts

The Commonwealth of Massachusetts Brownfields Office, Boston, MA.

Research Project, Winter 2001- present

Center for Technology and Environment at Harvard Graduate School of Design

Center for Design Informatics at Harvard Graduate School of Design

Commonwealth of Massachusetts Brownfields Office

Dow Corporation Inc.

Principal Investigator and Project Leader

Development of the first digital inventory of brownfields in Massachusetts

Brown Fields and Gray Waters:**Restoration and Remediation of Degraded Land and Waterways**

Harvard Graduate School of Design

Executive Education Course and Conference, Fall 2001

Center for Technology and Environment at Harvard Graduate School of Design

Co-Coordinator:

Dr Robert France, Associate Professor of Landscape Ecology, Harvard GSD

Niall Kirkwood, Associate Professor of Landscape Architecture, Harvard GSD

Reclaimed! Brown Fields and Gray Waters:

Case Studies of Emerging Reclamation Processes & Design Practices

Harvard Graduate School of Design

Exhibition, Fall 2001

Center for Technology and Environment at Harvard Graduate School of Design

Exhibition Curator:

Niall Kirkwood, Associate Professor of Landscape Architecture, Harvard GSD

Fresh Kills Landfill Regeneration, Staten Island, New York

Research Project, 2000- 2001

Member, Professional Advisory Forum

City of New York Department of City Planning

Study of the enduse possibilities of the largest landfill on the eastern seaboard of the United States, (3,000 acres) located on Staten Island near lower Manhattan.

Regenerating Former Underutilized Defense Sites (FUDS)

The Sunflower Army Ammunition Plant, DeSota, Kansas, MI

Research Project, Fall 2000- present

Center for Technology and Environment at Harvard Graduate School of Design

The OZ Corporation Ltd., Kansas, MI

Principal Investigator and Project Leader

Development of research into remediation strategies allied with reuse planning on 7000 acre former military site. Application of innovative technologies and integration with existing and proposed infrastructure, stormwater management and landform construction.

Brownfields and Housing

White Paper: Why is there Underdevelopment of Housing in Brownfields Redevelopment?

Research Project, Spring/Summer/Fall 2000

Center for Technology and Environment at Harvard Graduate School of Design

Joint Center for Housing and Urbanization, Harvard University

Preparation of keynote white paper for the National Association of Home Builders in the United States (NAHB) Conference in Washington DC. Outlines critical questions in the evolution of residential strategies for the reuse of contaminated urban industrial land.

A Community-Based Study of Lead-Exposure Pathways, Biomarkers of Dose, Health Effects and Phytoremediation Strategies, Tar Creek Superfund Site, Miami, Oklahoma.

Superfund Hazardous Substances Basic Research Program, Summer 2000- 2005

National Institute of Environmental Health Services RFA ES-99-001

Cleanup and reclamation of 40 square mile area of land contaminated from lead and zinc mining operations. Principles and application of phytoremediation technologies in field test. Issues include planning and design of site systems, public health concerns with accentuated lead levels in population (children 1-10).

Harvard Project Team:

Dr Howard Hu, Harvard Medical School, Principal Co-Investigator

Dr John D. Spengler, Harvard School of Public Health, Principal Co-Investigator

Rebecca Jim, L.E.A.D. Agency, Miami, Oklahoma

Niall Kirkwood, Harvard Graduate School of Design

Lucia Lovinger-Golob, Harvard Science Center

Phytoremediation and Brownfields, New England

Technology Transfer, 1998-present

Consultant to US EPA Region 1, New England

Dr John Podgurski, Brownfields Coordinator, U.S. Environmental Protection Agency, Region 1

Professor William Librizzi, New Jersey Institute of Technology

Assistance on the development of site strategies, methods and tools for the temporary and interim use of small urban brownfields in CT and MA. Presentations at technology transfer seminars and preparation of Regional Conference on topic. Individual assistance to cities of Danbury, Derby, CT.

'The Use of Phytoremediation to Minimize Human Exposure and Health Risk following Renovation and Remodeling of Homes containing Lead-Based Paints'

USEPA FY 2000 Grant Funds for Technical Studies, Spring – Summer 2000

Grant for research funding for field testing of contaminated residential yards in Cambridge, MA.

Project Team:

Edenspace Systems Corporation, VA

Lead-Safe Cambridge, MA.

Zinc Smelting Plants, Mexico

Research and Planning Project, Summer/Fall 1999

Monterrey (60 acres) & Chihuahua (1,100 acres) Site Research and Project Development.

Remediation and reuse of abandoned industrial sites with toxic soil and subsoil contamination.

Master planning and environmental design for clean-up.

Participants:

Grupo Diseno Urbano, Mexico City (Mario Schjetnan)

Industrial Mineral Mexico S.A. (Mexico)

Manufactured Sites

An International Landscape Conference and Exhibition on Site Technologies for Contemporary Practice, Harvard Design School, April 1998

Conference Organizer and Exhibition Curator

Two days of papers and panel discussions with international engineers, scientists, designers and regulators on the issues, opportunities and constraints of post-industrial landscapes

SELECTED SYMPOSIA, EXHIBITIONS, JURIES AND INVITED LECTURES, 2023-1997

Brownfield 2035: Towards Urban Renewal and Rural Revitalization

Tsinghua University, Beijing/China Academy of Art, Hangzhou

Co-Organizer and Keynote Lecture

3 December, 2023

Tar Creek: 25th National Environmental Conference

NEO College, Miami, OK

Presentation via Zoom

October 10-12, 2023

Remade: Aspects of Design in Arduous Landscapes

Chulalongkorn University School of Architecture,

Department of Landscape Architecture

Bangkok, Thailand

Lecture

September 2023

Remade: Studio Case Study to Enhance Climate Resilience and Technological Imagination

Design Sustainable Solutions for a Better Built Environment

Harvard Center for Green Buildings and Cities

at the Harvard Graduate School of Design

[Short 10 Minute Presentation](#)

May 2023

Ecological Design Theory

School of Design, Shanghai Jiao Tong University

Lecture by Digital Media (Zoom)

November 2022

**Inclusion, Innovation, Impact: Brown to Green-
Ecological Design and Post-Industrial Development**

13th Symposium on Taiwan Wetland Ecosystem

Fu-Jen Catholic University, Taipei, Taiwan

[Lecture by Digital Media \(Zoom\)](#)

October 2022

**Ottawa County Remade: Toxic Transformations, Environmental Justice and Design
Imagination in the Tri-State Lead and Zinc District, North-East Oklahoma, USA**

Aspirations for Restoration, 24th National Environmental Tar Creek Conference

[Lecture by Digital Media \(Zoom\)](#)

October 2022

**Social Media and Landscape Design: Aspects of Landscape Pedagogy, Design Projects and the
Profession, 2016- 2022.**

Zhejiang University, College of Media and International Culture, Hangzhou, PR. China

[Lecture by Digital Media \(Zoom\)](#)

August, 2021

International Lecture Series: The World of Brownfields:

Fundamentals, Approaches and Methods of Planning, Design and Engineering

Tsinghua University, School of Architecture, Beijing, China

December, 2021

[Keynote Lecture by Digital Media \(Zoom\)](#)

External Guest Lecture: Ecological Design Theory

Landscape Theory and Criticism Course, Shanghai Jiao Tong University, School of Design

November, 2021

[Keynote Lecture by Digital Media \(Zoom\)](#)

Keynote Lecture: Introducing Tar Creek Remade

23rd Tar Creek Conference, Miami, OK

October, 2021

[Keynote Lecture by Digital Media \(Zoom\)](#)

Opening Keynote Lecture: Global Vision: Brownfield Challenges and Alternative Futures

Third International Conference on Brownfields Regeneration & Ecological Restoration

Tsinghua University, School of Architecture, Beijing, China

Joint Organizer and Coordinator with Professor Xiaodi Zheng

Center for Brownfields Research, Tsinghua University. School of Architecture, Beijing China
Critical Landscapes Design Lab, GSD
September, 2021
[Keynote Lecture by Digital Media \(Zoom\)](#)

Lecture: Rural Brown to Green:

Landscape Design and Planning Challenges and Approaches to High Quality Rural Revitalization and Ecological Civilization

Theme: Low-Carbon Transformation and Green Development Initiated by National Development and Reform Commission

Organized by: Guizhou Provincial People's Government Hosted by: Guizhou Provincial Development and Reform

Commission; Guizhou Provincial Foreign Affairs Office, Guizhou Provincial Department of Ecology and Environment;

July 2021

[Lecture by Digital Media \(Zoom\)](#)

Lecture: Toward Smart Cities- Landscape Research and Design Directions from Harvard Design School.

Smart City Conference Event

Thammasat University, Bangkok, Thailand

July 2021

[Lecture by Digital Media \(Zoom\)](#)

Lecture Series: Design Matters

Zhejiang University, Hangzhou, PR. China

June 2021

[Three Lectures by Digital Media \(Zoom\)](#)

Lecture: Landscape Design for Sustainable Development and Utilization of Brownfields

International Seminar on Sustainable Risk Management and Landscape Improvement of Brownfield Sites Tsinghua University,

December 2020

[Lecture by Digital Media \(Zoom\)](#)

Lecture: Brown to Green: Ecological Design and Post-Industrial Development

Landscape Architecture Master Talk

Jiao Tong University, Shanghai, PR. China

December 2020

[Lecture by Digital Media \(Zoom\)](#)

Lecture: Aspects of Brownfields: 2020- 2025

Brownfield Graduate Course, Professor Xiaodi Zheng

Department of Landscape Architecture, Tsinghua University, Beijing PR. China

[Guest Speaker by Digital Media \(Zoom\)](#)

Lecture: Aspects of Urban Development: Contemporary Ideas and Themes

2020 Magok- Mun Jung- DMC International Conference

Seoul, Republic of Korea

October 2020

[Lecture by Digital Media](#)

Lecture: Aspects of Alleyways: design Ideas and Innovation

International Webinar on Reclaiming the Alley
Landscape Welfare Institute, Seoul, Republic of Korea
October 2020
[Lecture by Digital Media \(Prerecorded\)](#)

Lecture: Landscape Architecture and the Healthy City

International Academic Conference in the 4th (Handan) Garden Exposition
Hebei Province, China
September 2020
[Lecture by Digital Media \(Zoom\)](#)

Exhibition: City as Verb

Seoul Hall of Urbanism and Architecture
Ulsan Remade Design Studio
Curator: John Hong
Summer 2020

Lecture: Aspects of Brownfields, 2000- 2025

Northeast Forestry University
Harbin, Heilongjiang Province, China
April 2020
[Lecture by Digital Media \(Zoom\)](#)

Lecture: Manufactured Sites 2020: Rethinking the Post-Industrial Landscape (again)

Thammasat Nava Nakorn Smart City: Knowledge Sharing Session
Thammasat University
Bangkok, Thailand
February, 2020
[Keynote Lecture](#)

Lecture: Brown to Green- An Introduction to the Ideas, Approaches and Techniques of

Brownfield Post-Industrial Land Regeneration
Harvard NIEHS Center Research Core Seminar
Harvard University Chan School of Public Health
December, 2019
[Guest Lecture](#)

Lecture: DESIGN MATTERS Landscape Research and Technology

Department of Landscape Architecture
Jiao Tong University
Shanghai, P.R.China
November, 2019
[Guest Lecture](#)

Panel: Landscape Architecture Education: Past, Present, Future

International Symposium on the Ideas of Design Education
Jiao Tong University
Shanghai, P.R. China
November, 2019
[Panelist](#)

Plenary Forum II : Design – Ethics, Aesthetics, History and Technology

International Symposium on the Ideas of Design Education

Jiao Tong University

Shanghai, P.R. China

November, 2019

Panelist

MON- A04 Panel: Traversing the Line: On Spatial Borders Social Equity

ASLA Annual Conference on Landscape Architecture

San Diego, CA

November, 2019

Other Panelists: Maria Bellalta, Lina Escobar, Francisco Luna

Panelist and Presenter

Lecture: PHYTO

Chinese Society of Landscape Architects (CHSLA) Annual Meeting

Theme: 'Landscape Architecture and Beautiful China'

Shanghai, PR China

October, 2019

Keynote Speaker

Exhibition: LEADING THE FIFTH INDUSTRIAL REVOLUTION

Second International 2019 Biennale of Architecture and Urbanism

Dongdaemun Design Plaza, Seoul, Korea

September, 2019

Exhibitor with Sang Cho

Lecture: LEADING THE FIFTH INDUSTRIAL REVOLUTION

Second International 2019 Biennale of Architecture and Urbanism

Dongdaemun Design Plaza, Seoul, Korea

September, 2019

Keynote Speaker

Lecture: LEADING THE FIFTH INDUSTRIAL REVOLUTION: Urban Design, Ecology and Nature

Third International Urban Design Forum

Beijing University of Civil Engineering and Architecture

Beijing, PR China

November, 2018

Keynote Speaker

Lecture: ASPECTS OF BROWNFIELDS

Inauguration Lecture of Distinguished Visiting Professor

Department of Landscape Architecture, School of Architecture

Tsinghua University, Beijing, PR China

November 2018

Speaker

Lecture: INCLUSION, INNOVATION, IMPACT

Landscape Remediation and Planning/Design Reuse

2nd International Conference on Brownfield Regeneration & Ecological Restoration, Session 5

2nd China Sustainable Environmental Remediation Conference (CSER2018)
Beijing, PR China
June 2018
Speaker and Conference Co-organizer

Lecture: DESIGN MATTERS: Practices and Projects

Department of Landscape Architecture, School of Architecture
Tsinghua University, Beijing, PR China
May 2018
Speaker

Lecture: KOREA REMADE : Alternative Nature, DMZ and Hinterlands

Destroy and Restore Seminar, Kahn Institute, Smith College. Northampton, MA
April 2018
Speaker

Exhibition: ULSAN REMADE: Manufacturing the Modern Industrial City

Harvard University Graduate School of Design, Spring 2018
Co-curator

Lecture: DESIGN MATTERS: Practices and Projects in an Arduous Landscape

Landscape Studies Program, Smith College. Northampton, MA
November 29, 2017
Speaker

Lecture: "Poetics of Construction: Seeing, Judging and Thinking in the Contemporary Landscape

Smith College Public Lectures
William Allen Neilson Visiting Professorship Lecture Series
DESIGN MATTERS: Practices, Pedagogy, Projects
November 13, 2017
Speaker

**Lecture: Water, Earth, Fire and Air:
Landscape Architecture leading the Fifth Industrial Revolution**

2017 IFLA Asia- Pacific Regional Congress
Theme: 'Blue Green Culture'
Bangkok, Thailand
November 2017
Keynote Speaker

Workshop Panel and Presentation

SAT-A06 Getting to the Details of Building Performative Landscapes
ASLA Annual Convention, 2017
Los Angeles, CA
October 2017
Moderator and Panelist

Lecture: "Fifth Industrial Revolution: An Index of Current Landscape and Engineering Teaching and Research

Smith College Public Lectures
William Allen Neilson Visiting Professorship Lecture Series

DESIGN MATTERS: Practices, Pedagogy, Projects

October 2017

Speaker

Lecture: Flying Toilets and Oyster Shells: Landscape Design Practices for the New Environmental Reality

Smith College Public Lectures

William Allen Neilson Visiting Professorship Lecture Series

DESIGN MATTERS: Practices, Pedagogy, Projects

September, 2017

Speaker

Lecture: Sponge City: Research and Practices

Green City and New Urbanization Summit Forum

Hebei, Hebei Province, China

September 2017

Keynote Speaker

Exhibition: ULSAN REMADE: Manufacturing the Modern Industrial City

Architecture and Urbanism Bienalle, Seoul, Republic of Korea

September 2017

Co-curator

Exhibition: ULSAN REMADE: Manufacturing the Modern Industrial City

Conference and Design Forum, City of Ulsan,

July 2017

Co-curator

Lecture: ULSAN REMADE: Projections and Proposals for the Coming Decades

Renovation of Modern Industrial City Landscape

Lotte Hotel, Ulsan, Republic of Korea

July, 2017

Keynote Speaker

Lecture: DESIGN MATTERS: Practices and Projects

Department of Landscape Architecture

Peking University, Beijing, China

July 2017

Speaker

Lecture: Environmental Remediation, Landscape Design and Planning Research and Emerging Practices at Harvard University

China Sustainable Environmental Remediation Conference (CSERC)

Hosted by the China Association of Environmental Protection Industry (CAEPI)

Organized by Beijing GeoEnviron Engineering & Technology Inc.

Beijing, China

June 2017

Invited Speaker

Lecture: Landscape Remade: Landscape Theory and Practices for Fifth Industrial Revolution

7th Yuan Ye Summit Forum and Asia Landscape Architecture Conference

Beijing, China

April 2017
Keynote Speaker

Lecture: Phyto (technologies): Aspects of the science, horticulture, planning and design of plant based methods of cleansing polluted landscapes and urban sites.

Department of Landscape Architecture
University of Manitoba, Winnipeg, Canada
March, 2017
Invited Speaker

Lecture: BIG DIG in Boston: Urban Renewal Project

International Symposium for Kyung-bu Arterial Highway,
Seoul, Republic of Korea
November, 2016
Invited Speaker

Keynote Lecture: Wonder and Wisdom: Comprehensive Management of the National Park System in the United States

Research Institute for Spiritual Environments (RISE)
First International Symposium on the Conservation of the Religious Forest
(with a special reference to Woljeongsa Buddhism Forest at
Mt Odae National Park, Gangwon Province, Republic of Korea)
October 2016
Invited Keynote Speaker

Lecture: Landscape Design and Research

Office of Eco Land Planning and Design Company
Beijing China
September 2016
Invited Speaker

Lecture: China Brown

Brownfields Healthy Cities 2016
International Symposium on Brownfield Regeneration & Ecological Restoration
Tsinghua University School of Architecture
Beijing, China
September 2016
Symposium Co-organizer and Invited Keynote Speaker

Lecture: Details of Durability

Symposium. Reading Patina,
Learning from the deterioration of built landscapes through time
Technical University of Berlin (TUB)
Berlin, Germany
July 2016
Invited Keynote Speaker

Lecture: Teaching -+ Research

Beijing University School of Civil Engineering and Architecture (BUCEA)
Beijing, China
June 2016
Invited Lecture

Lecture: Brown to Green- An Introduction to the Ideas, Approaches and Techniques of Brownfield Post-Industrial Land Regeneration

Session 8: Nature, Cities and Healthy Outdoors

Building Leadership for Healthy Urban Sustainability Symposium

Organized by T. H. Chan Center for Health and the Global Environment, Harvard School of Public Health

Harvard Center, Shanghai, China

May, 2016

Invited Presenter

Lecture: Phytotechnologies- An Emerging Area for Landscape Architecture Design Practice

LABASH 2016

Knowlton Hall School of Architecture

Ohio State University, Columbus, OH

April 2016

Invited Speaker

Lecture: Rural Brown to Green: Challenges and Approaches to Landscape Planning and Design of Small Cities in the Coming Era

Sustainable Development and Cultural Renaissance of Small Cities in China Conference

Organized by Zhejiang University Center for New Urbanization

The People's Government of Lanxi, Zhejiang

Harvard China GSD

Hangzhou, China

January, 2016

Invited Speaker

Lecture: THE MAIN STREET PROJECT, Urban Regeneration and Sustainable Design, USA

Sustainable Urban Regeneration Strategies

Gachon University Industry-Academic Cooperation Foundation

Seoul, Republic of Korea

December 2015

Invited Speaker

Lecture: Smart Green from Brown: Low Carbon City as a Post-Industrial Vision

Low Carbon City

Songdo, Republic of Korea

December 2015

Invited Speaker

Lecture: Spiritual Landscapes: A Paradigm for Landscape Design towards Earth Conservation

Research Institute for Spiritual Environments (R.I.S.E.)

Inaugural Conference,

College of Life Sciences, Korea University

Seoul, Republic of Korea

October 2015

Invited Keynote Speaker

Lecture: Phytotechnologies

University of Massachusetts, Amherst
Department of Landscape Architecture
School of Architecture
October, 2015
Invited Speaker

Lecture: Phytotechnologies

Beijing Forestry University
School of Landscape Architecture
Beijing, China
July 2015
Invited Speaker

Lecture: Rural Brown

Challenges and Approaches to Landscape Planning and Design in the Coming Era

Rural China- Rural Planning and Development in the Context of New-Type Urbanization
Conference
Beijing University School of Civil Engineering and Architecture
Beijing, China
May 2015
Invited Keynote Speaker

Lecture: Phytotechnologies

Knowlton School of Architecture
Department of Landscape Architecture
Ohio State University
Columbus, Ohio
March 2015
Invited Speaker

Lecture: The Poetics of Landscape Detail: Seeing, Judging, Thinking

The Design School
Arizona State University
Tempe, Florida
November 2014
Invited Speaker

Lecture: Mumbai Elegy?: matters of design in an arduous landscape

Landscape Studies Lecture Series 2013-2014
Smith College, Northampton, MA
October 2014
Invited Speaker

Lecture: The Future of Cities: The City of Belfast as a Laboratory of Change

School of Built Environment
University of Ulster, Belfast, Northern Ireland
June 2014
Invited Guest Speaker

Lecture: Toxic Gardens: Design, Nature and Recovery of the Post-Industrial Landscape

Hong Kong University

Landscape Architecture Program
School of Architecture
May 2014
Invited Lecturer

Environment, Engineering Landscape: A Colloquium
Department of Landscape Architecture, Harvard Design School
April 2014
Moderator

Lecture: Brown to Green: An Introduction to the Ideas, Approaches and Techniques of Brownfield Post-Industrial Land Regeneration
Chulalongkorn University, Bangkok, Thailand
January 2014
Invited Guest Speaker

Lecture: Landscape Forensics
ASLA Annual Convention, Educational Session
Boston, MA
November 2013
Speaker (with Tom Ryan FASLA)

Lecture: Phytotechnologies
ASLA Annual Convention, Educational Session
Boston, MA
November 2013
Speaker (with Kate Kennen ASLA)

Lecture: Brownfields 2016: Rethinking the Post-Industrial Landscape (again)
International Forum: Landscape Architecture of Tomorrow
Celebration of 10th Anniversary of Landscape Architecture Department
Tsinghua University
Beijing, China
October 2013
Invited Keynote Speaker

Workshop: Toxic Gardens: Design, Nature and Recovery of the Post-Industrial Landscape
Tsinghua University
October 2013
Invited Workshop Presenter

Workshop: A Sustainable Future for Exuma: Environmental Management, Design, and Planning
Harvard Design School
October 2013
Invited Faculty Respondent

Lecture: What is Landscape Architecture?
Landscape Academy for General Public Lecture Series
Korea Institute of Landscape Architects
and Seoul Metropolitan Government, Korea
City Hall, Seoul

July 2013

Invited Guest Speaker

Lecture: Brown to Green: An Introduction to the Ideas, Approaches and Techniques of Brownfield Post-Industrial Land Regeneration

7th International Conference

International Society for Industrial Ecology (ISIE)

University of Ulsan, Korea

June 2013

Invited Plenary Speaker

Lecture: Toxic Gardens: Design, Nature and Recovery of the Post-Industrial Landscape

Landscape Studies Lecture Series 2012-2013

Smith College, Northampton, MA

April, 2013

Invited Speaker

Lecture: Practical Urbanism: Tactics and Techniques for Low Carbon Cities

Symposium

The 4th Korea Land and City Design Competition

The Korean Financial Times

Seoul, Korea

October, 2012

Invited Speaker

Paper: Landscape Pragmatism, Urbanism and Human Values: Towards the New Landscape Movement in Korea

Symposium for the New Landscape Movement

Seoul National University, Seoul, Korea

June, 2012

Invited Contributor

Lecture: Brownfields 2016: Rethinking the Post-Industrial Landscape (again)

Erin Zube Lecture Series

Department of Landscape Architecture

UMass Amherst, Amherst, MA

April, 2012

Invited Speaker

Lecture: Phytotechnologies

The Arnold Arboretum, Harvard University

Boston Society of Landscape Architects

February, 2012

With Kate Kennen

Invited Co-Speaker

Lecture: Occupy New York: the Hudson Yards Redevelopment Case Study

Seoul Planning Forum 2011

Sponsored by Seoul Metropolitan Government

Korea Planners Association

Korea Chamber of Commerce and Industry

Seoul, Korea

December 2011
[Invited Speaker](#)

Lecture: Regeneration 2016

Emerging Strategies and Incentives in Planning and Design in the USA

Sponsored by Korean Financial Times

Seoul, Korea

September 2011

[Invited Speaker](#)

**Lecture: Leadership and Landscape Architecture in Korea and Beyond:
Reflections and Future Roles**

Shinhwa Landscape Design Company

Seoul, Korea

May 2011

[Invited Speaker](#)

Lecture: Landscape Education at Harvard Design School

Department of Landscape Architecture

Seoul National University, Seoul, Korea

May 2011

[Invited Speaker](#)

**Lecture: Ecological Urbanism as a means to consider the new city,
the older city and the shrinking city**

Kyoto University

Kyoto, Japan

July 2010

[Invited Speaker](#)

**Lecture: Ecological Urbanism as a means to consider the new city,
the older city and the shrinking city**

City Planning Institute of Japan

Japanese Institute of Landscape Architecture

Tokyo, Japan

July 2010

[Invited Speaker](#)

Lecture: Brownfields 2020: rethinking the post-industrial landscape (again)

South China University of Technology

Guangzhou, China

July 2010

[Invited Speaker](#)

Lecture: Mumbai Elegy? Matters of design in an arduous landscape

Beijing Forestry University

Beijing, China

July 2010

[Invited Speaker](#)

Lecture: Brownfields 2020: rethinking the post-industrial landscape (again)

Beijing Forestry University

Beijing, China
July 2010
Invited Speaker

Guest Lecture: Brownfields 2020: rethinking the post-industrial landscape (again)

Institute of Environment and Ecology
Landscape Architecture Program
Korea University
Seoul, Korea
June 2010
Invited Speaker

Lecture: Ecological Urbanism

Alumni Annual Meeting
Samgmyung University
Jeju Island, Korea
June 2010
Invited Speaker

Lecture: Harvard Design School: An Introduction and Issues of Leadership in Landscape Architecture

Chonbuk National University and Woosuk University
Jeonju, Korea
June 2010
Invited Speaker

Lecture: Leadership and Landscape Architecture at Korea University and Beyond- Reflections and Future Roles

Department of Landscape Architecture
Alumni Annual Meeting
Korea University
Seoul, Korea
May 2010
Invited Speaker

Lecture: Ecological Urbanism

Symposium: Sustainable Design- International & Domestic Trends of Sustainable Design in Architecture and Urbanism
Department of Architecture, Korea University
Seoul, Korea
May 2010
Invited Speaker

Keynote Lecture: Kounkuey: dimensions of future landscape architectural practices in research and design

International Symposium on the New Landscape Movement & Environmental Design Fusion
Emergence of the New Landscape Movement in North America
Seoul National University
Seoul, Korea
May 2010
Keynote Speaker

Lecture: Landscape Architecture at Harvard University- current teaching, research and emerging ideas in design

Department of Landscape Architecture

Sahmyook University

Seoul, Korea

May 2010

Invited Speaker

Keynote Lecture: Resilient Landscapes, dimensions of future landscape architectural practices

IFLA International Conference

Harmony and Prosperity- Traditional Inheritance and Sustainable Development

Sponsor: Chinese Society of Landscape Architects (CHSLA), IFLA

Suzhou, China

May 2010

Keynote Speaker

Keynote Lecture: Recovering Tradition, Values and Identity in Landscape Architecture

Annual Conference

Korean Institute of Traditional Landscape Architecture (KITLA)

Korea

April 2010

Keynote Speaker

Lecture: Introduction to Landscape Architecture

Department of Landscape Architecture,

Sangmyung University

Cheonan, Korea

April 2010

Invited Speaker

Lecture: Ecological Urbanism

Korea Society of Landscape Architects (KSLA)

30th Anniversary Meeting

Seoul, Korea

April 2010

Keynote Speaker

Mumbai Memo- Indexing India

Exhibition, Currents Wall

Gund Hall, Harvard Design School

November 2009

Exhibition

Lecture: Mumbai Elegy: matters of design in an arduous landscape

Frederick Law Olmsted Lecture 2009

Department of Landscape Architecture

Graduate School of Design, Harvard University

November 2009

Guest Speaker

International Competition for expansion of Mecca, Kingdom of Saudi Arabia

Mount Khandama Conceptual Masterplan

Sponsor: HRH Prince Salman bin Abdulaziz
Riyadh, Saudi Arabia
June 2009
Member, International Design Jury

Keynote Lecture: Ecological Urbanism

Conference on Ecological Urbanism
Alternative and Sustainable Cities of the Future
College of Life Sciences, Korea University
Sponsor: Institute of Environment and Ecology
May 2009
Keynote Speaker

International Design Competition for Gwanggyo Lakeside Park, Suwon, Korea

Gyeonggi Province, Suwon City, Yong-in City, Gyeonggi Urban Innovation Corporation of the
Republic of Korea.
December 2008
Chairman, International Design Jury

Keynote Lecture: Landscape Architecture at Harvard: Education, Research, Practice

Beijing Forestry University, Beijing, China
November 2008
Keynote Speaker

Executive Education Workshop

Urbanization and Landscape Design Program
Tsinghua University, Beijing, China
November, 2008
Keynote Speaker

**The 2008 International Conceptual Landscape Design Competition for 5/12 Sichuan
Earthquake Memorial**

Shenzhen BLY Landscape Architecture and Planning and Design Institute and Landscape
Architecture Journal (China)
July 2008
Jury Member

Keynote Lecture: Parks for a Modern City:

Engineered Geographies and the New Social Role of Design

Symposium: New Visions for Waterfront Parks in Gwanggyo New Town
Press Center, Seoul, Korea
June, 2008
Keynote Speaker

Lecture: Landscape Architecture at Harvard

Department of Landscape Architecture
Seoul National University, Seoul, Korea
June, 2008
Guest Speaker

Keynote Lecture: Brown lands: sites, strategies and speculations

IFLA International Conference

Urban Design and Ecology: International Perspectives
St Petersburg, Russia
June 2008
Keynote Speaker

Lecture: Landscape Architecture at Harvard
Department of Landscape Architecture
St Petersburg Forestry Technical University, St Petersburg, Russia
June, 2008
Guest Speaker

Keynote Lecture: Holistic Strategies for the Mega-Construction Project
Institute of Environment and Ecology, Korea University
Conference on Grand Canal Project of Korea
Korea University, Seoul
May, 2008
Keynote Speaker

Lecture: Landscape Architecture at Harvard
Department of Landscape Architecture
Korea University, Seoul, Korea
May 2008
Guest Speaker

Lecture: Real Estate Research Futures
Real Estate Initiative
University of Ulster, Belfast, Northern Ireland
February 2008
Speaker

Lecture: KOUNKUEY, Dimensions of Future Design Practice
AMBIGUOUS LANDSCAPES, 50th Anniversary Symposium
Technical University of Munich, Germany
October 2007
Keynote Speaker

Lecture: BROWNFIELDS: Sites, Strategies and Speculations
Symposium, Strategy for the Conservation and Creation of the National Landscape
Commemoration of the 2nd Foundation Day of Korea Landscape Council
Seoul, Korea
May 2007
Keynote Speaker

Lecture: Building the 21st Century: Landscape Directions from the Harvard Design School
Office of Group Han, Seoul, Korea
May 2007
Speaker

City Chic: Brownfields and Urban Design
National Annual Brownfield Conference
US Environmental Protection Agency
Boston, Massachusetts

October 2006

Presenter/Panelist

Lecture: Post-Industrial Renewal

‘Sustainable Development for Urban Waterfronts: Integrated Planning, Design and Engineering’

Foro Ciudad de Santander, Universidad de Cantabria, Center for Technology and Environment

Executive Education Conference

Santander, Spain

June 2005

Invited Faculty Presenter

Lecture: Building the 21st Century:

Landscape Directions from the Harvard Design School

Famous Sino - Foreign Landscape Architectural Experts Forum 2005

International Convention Center, Beijing, China

April 2005

Keynote Speaker

The Construction of Landscapes

Department of Landscape Architecture

University of Rhode Island, RI

March 2005

Guest Lecturer

GSD Option Studio- Altered Faces: Reworking the Teheran Corridor, Seoul, Korea

Landscape Architecture Program, School of Environmental Engineering, Korea University, Seoul, Korea

June 2004

Guest Lecturer

Chat: Communities Helping Achieve Transformations

Revitalizing Land and Restoring Communities Conference

School of Law, University of Virginia, Charlottesville

April 2004

Guest Presenter and Panelist

Panel on Ecology

Hyper-Density in Asian Cities

Asia GSD Conference

Harvard Design School, March 2004

Panel Moderator

Design for Sustainable Urban Environmental Development

Industrial Design Federation Association (IDFC)

New Delhi and Bombay, India

January 2004

Guest Lecturer

The Art of Green-way Design: Precedents, Practices and Projects

“International Symposium on a Holistic Approach to Green-way Design for People and Other Living Things”

Landscape Architecture Program, School of Environmental Engineering, Korea University, Seoul, Korea

September 2003

Keynote Speaker

Manufactured Sites: Creativity and the Post-Industrial Landscape

'Creativity and the City' Conference

Westergasfabriek, Amsterdam, Netherlands

September 2003

Keynote Speaker and Conference Co-organizer

'Manufactured Sites: Rethinking the Post-Industrial Landscape'

Department of Landscape Architecture, Rutgers University, NJ

Spring 2003

Margaret O. Sekada Memorial Lecturer

Real Estate Workshop

'Adding Value to Brownfields Development: Emerging Planning and Design Ideas in the Reuse of Derelict or Contaminated Land'
Workshop, Spring 2002

Harvard Design School Office of Executive Education

Invited Faculty Presenter

Reclaimed! Brown Fields and Gray Waters:

Case Studies of Emerging Reclamation Processes & Design Practices

Harvard Graduate School of Design

Exhibition, Fall 2001

Center for Technology and Environment at Harvard Graduate School of Design

Exhibition Curator:

Brownfields and Phytotechnology Design

7th Annual Industrial Wastes Technical and Regulatory Conference, Charleston, S.C.

Presented by Water Environment Federation and Cosponsored by US.EPA,

August 2001

Panelist and Presenter

Tar Creek: An Interdisciplinary Research Project at Harvard

Maps and Photographs from the Tar Creek Superfund Site, Oklahoma

Photographer: Nancy Goldenberg

Gund Hall Lobby Currents Wall

April 2001

Public Exhibition

Fresh Kills Landfill: A Public Forum and Panel Discussion

Municipal Arts League, New York City

April 2001

Moderator and Presenter

Hazardous Wastes and Brownfields Redevelopment

Course EHS 266 CD Land Environment, Harvard School of Public Health

Instructor: Dr Melvin First, Professor of Environmental Health Engineering (Emeritus)

April 2001

Guest Lecturer

Manufactured Sites: Rethinking the Post-Industrial Landscape

Faculty of Landscape Architecture, SUNY, Syracuse, Spring 2001

The William J. Donlon Visiting Professorship Lecture

Toxic Kingdoms: Design and Technology Research on Contaminated Sites

Department of Landscape Architecture, College of Architecture and Planning

University of Minnesota, Minneapolis, MI. October 2000

H. R. Cleveland Public Lecture

Development and Housing

Sponsored by the National Association of Education and the Environment, National Association of Homebuilders (NAHB), Washington, DC. National Executive Roundtable Conference, September 2000

Keynote Speaker

Why is there Under-Development in Brownfields?- Framing Questions

Sponsored by the National Association of Education and the Environment, National Association of Homebuilders (NAHB) Washington, DC. National Conference, June 2000

Conference Facilitator

'On Durability: Questions and Problems of Failure and Time in Contemporary Design, Technology, and the Constructed Landscape'

Department of Landscape Architecture, University of Pennsylvania GSFA, May 2000.

Guest Lecturer

Toxic Kingdoms: Current Research and Teaching on Contaminated America

Kennedy School of Government, April 2000

Organized by Harvard Alumni Presidents Association

Invited Speaker

Panel on Research

Conference on 100 Years of Landscape Architecture at Harvard 1900 2000

Centenary Conference, Harvard Graduate School of Design, April 2000

Panel Chair and Presenter

Fresh Kills Enduse

Public Meeting of Fresh Kills Landfill Professional Advisory Forum, New York, NY.

Organized by the City of New York Department of City Planning. March 2000

Brownfields and Phytoremediation

Technology Seminar, Stamford, Connecticut

Organized by US. Environmental Protection Agency, Region 1, November 1999

Guest Speaker

'Recuperacion de Sitios Alterados por Explotacion Industrial'

First International Congress of Landscape Architects in Mexico, Mexico City, November 1998

Keynote Speaker (in English with Spanish translator)

'Brownfields to Greenfields using Living Plant Systems'

Tools for Environmental Management, School of Public Health, Kennedy School of Government, Harvard University August, 1998

Faculty Presenter

A special program developed in cooperation with the Instituto Nacional de Ecologico (INE), Mexico and the Center for Preparation and Implementation of International Projects on Technical Assistance (CPPI), Russia

Manufactured Sites, An International Landscape Conference and Exhibition on Site Technologies for Contemporary Practice

Harvard Graduate School of Design, April 1998

Conference Organizer and Exhibition Curator

Work under Construction: The Art of Landscape Detail

Public Lecture, Faculty of Landscape Architecture, SUNY 1997.

Guest Lecture

TELEVISION, RADIO AND MEDIA

Interview, Korea Central Television Company (KCTV)
Jeju Island, Republic of Korea
July 2019

Interview and Commentary, Documentary on Taehwa River, Republic of Korea
City of Ulsan, Republic of Korea
July 2017

Interview, Korea Broadcasting Company (KBS)
City of Ulsan, Republic of Korea
July 2017

Ulsan Remade
Interview, Korea Broadcasting Company (KBS)
City of Ulsan, Republic of Korea
March 2017

Landscape, Design and Korea
Interview, Maeil Broadcasting Network, (MBN)
July 2015

'Big Dig, Boston: Lessons for Korea'
Interview, Korea MBC Television Station
P. D. Notebook Program: Broadcast 26 August, 2014
August 2014

Interview, The Financial News, (Korea)
September 2011

'Penetration and Transparency: Morphed' (2000-2002)
by Mierle Laderman Ukeles,
DIRT: The Filthy Reality of Everyday Life

Welcome Trust, Euston Road, London
2011
Interview on Video

Interview, The Chosun Times (Korea)
July 2010

Interview, The Korea Times
June 2009

Heart to Heart Program, Afroiaq, Korean Television, Seoul, Korea,
Broadcast, June 13, 2009
Guest Interview by Daily Presenter

Interview on Landscape Architecture
Science Café Program, Korea Broadcasting Service (television)
Broadcast November 2008

Interview on Landscape Architecture and City Design
The Chosun Times, Korea
June 2008

Podcast Interview with Craig Verzone
Terragrams, University of Virginia
December 2006

Reclaiming the Land: Conversations on Collaboration
'Considering Forgiveness' Series, New School, NYC
May 2006
Broadcast May 2006
Moderator of Panel Discussion

Multiple Voices, Sky Television, Monterrey, Mexico
Broadcast, March 2005
Member of Panel Discussion on Landscape and the Environment (in Spanish)

Heart to Heart Program, Afroiaq, Korean Television, Seoul, Korea,
Broadcast, February 18, 2004
Guest Interview by Daily Presenter

Studio 360, Kurt Anderson, National Public Radio
Broadcast November, 2003
Guest Interview by Kurt Anderson

'Penetration and Transparency: Morphed'
Multi-Channel Video Installation. Phase One Reconnaissance as Percent for Art at Fresh Kills
Landfill by Mierle Laderman Ukeles, produced by Mosquito Productions,
Directors- Kathy Brew and Roberto Guerra, Summer 2001.
Interview

BOOK PUBLICATIONS

Tar Creek: Environmental Legacies and Re-Imagining the Future of the Tar Creek Superfund Site, Tri-State Mining District, Ottawa County, Oklahoma, USA
Studio Final Report
January 2022

Thailand Remade: Lower Chao Phraya Flood Plain, Pathum Thani and the Technological Imagination
(English and Thai)
Studio Final Report
June 2021

Principles of Brownfield Regeneration, Clean-up, Design and Reuse of Derelict Land
(Persian Language Version)
Jundisha University Press, Teheran, Iran, 2021
ISBN: TBD
With co-authors Justin B. Hollander and Julia L. Gold

PHYTO Principles and Resources for Site Remediation and Landscape Design
Chinese Architectural Press, Beijing 2019
Chinese Language Translation
ISBN 978-0-415-81415-7
With co-author Kate Kennen

Ireland Studio Report

Korea Remade: Alternative Nature, DMZ and Hinterlands
with co-editors: Jungyoon Kim and Yoonjin Park
Harvard Graduate School of Design
Published Seoul, Republic of Korea, 2018.
English and Korean Language

Manufactured Sites: Rethinking the Post-Industrial Landscape (Editor)
London: E& FN Spon. Routledge May 2016,
Arabic Language, University of Tehran, Iran
ISBN: 0-415-24365-3, 265p. 170 illus.

PHYTO Principles and Resources for Site Remediation and Landscape Design
Routledge Taylor & Francis Group, London/New York, May 2015
ISBN 978-0-415-81415-7
With co-author Kate Kennan

Principles of Brownfield Regeneration, Clean-up, Design and Reuse of Derelict Land
(Chinese Language Version)
Chinese Construction & Architecture Press, Beijing , China, March 2014
ISBN: 978-89-6285-071-0
With co-authors Justin B. Hollander and Julia L. Gold

Principles of Brownfield Regeneration, Clean-up, Design and Reuse of Derelict Land
(Korean Language Version)
Daega Press, Seoul , Korea, September 2011
ISBN: 978-89-6285-071-0

With co-authors Justin B. Hollander and Julia L. Gold

Principles of Brownfield Regeneration, Clean-up, Design and Reuse of Derelict Land

Island Press, Washington, DC, September 2010

ISBN: 13:978-1-59726-722-9

With co-authors Justin B. Hollander and Julia L. Gold

Weathering and Durability in Landscape Architecture

John Wiley & Sons Inc, New York, June 2004

ISBN: 0-471-39266-9, 294p. 108 illus.

The Art of Landscape Detail, Fundamentals, Practices, Case Studies (Chinese Language Version)

China Architecture & Building Press, Inc Beijing. 2004

ISBN: 7 –112 – 06976 -9

Manufactured Sites: Rethinking the Post-Industrial Landscape (Editor)

London: E& FN Spon. Routledge April 2001,

ISBN: 0-415-24365-3, 265p. 170 illus.

Detroit Riverfront

Harvard Graduate School of Design, November 2000

ISBN: 0-935-617-49-3, 82p. 90 illus.

co-authored with Mary Margaret Jones, Visiting Design Critic, GSD

Winner: Boston Society of Landscape Architects, Merit Award, 2000

The Art of Landscape Detail, Fundamentals, Practices, Case Studies

New York: John Wiley & Sons, Inc. October 1999

ISBN: 0-471-14044-9, 352p.158 illus.

Winner: Boston Society of Landscape Architects, Honor Award, 1999

PUBLISHED BOOK CHAPTERS AND FOREWORDS

'Brownfields 2020: rethinking the post-industrial landscape (again)' Volume IV, Environmental and Social Challenges of Urban Landscapes Part 9 Environmental Challenges In Urban Landscape, Critical Concepts in the Built Environment, editor Anita Berrizbeitia, London: Taylor Francis, 2015

ISBN-13: 9780415706955

Is Landscape Technology? in Is Landscape? Essays on the Identity of Landscape editors. Gareth Doherty and Charles Waldheim. London: Taylor and Francis Ltd, Routledge 2015

'Le regard du professeur d architecture Niall G. Kirkwood

in Reconvertir les friches, industrielles et urbanines De la transformation reussie des sites a la mutation des territoires, Paris: Editions Le Moniteur, 2015

'Brownfields 2020: rethinking the post-industrial landscape (again).' Vol. IV of *Urban Landscape: Critical Concepts in the Built Environment*, edited by Anita Berrizbeitia, 315-336. London: Routledge, 2015.

ISBN: 978-0-415-70700-8.

'On Making: Tectonic Clarity', pp 134-143, in Visible/Invisible, Landscape Works of Reed Hilderbrand, New York: Metropolis Books. 2012

'Landscape and Territory' in Unter freiem Himmel/Under the Open Sky: Emscher Landscape Park, Hamburg: Birkhauser Verlag, 2010

Introduction to Learning from Duisburg Nord Chapter titled- 'Duisburg Nord: Manufactured Site'
Munich: UTM, 2009

'Here come the Hyper-Accumulators' in Nature, Landscape, and Building for Sustainability: A Harvard Design Reader (Editor, W.S. Saunders) Cambridge: Harvard Design School Press, 2008

'Introduction' in Line Form and Texture: The Landscape Work of H. Keith Wagner, Burlington: H. Keith Wagner Partnership, 2008 ISBN: 0615250785

'Introduction' in European Landscape Architecture, Best Practice in Detailing, London: Routledge, 2007

CHAT: (Communities Helping Achieve Transformations): Long-term Planning for the Tar Creek Superfund Site, Ottawa County, Oklahoma in Reclaiming the Land: Rethinking Superfund Institutions, Methods and Practices, Editors: Gregg Macey and Jonathon Z. Cannon, New York: Springer, 2007

'Introduction' to Westergasfabriek Culture Park: Transformation of a Former Industrial Site in Amsterdam (author: Olof Koekebakker), Rotterdam: NAI Publishers, 2004.

Landscape Architectural Graphic Standards,

Part 2: Standards and Guidelines, Chapter 'Brownfields Evaluation'

Part 3: Process, Implementation and Application, Chapter Brownfields Remediation and Development,
New York: John Wiley & Sons Inc. 2006

Westergasfabriek, 'Introduction' Rotterdam: NIA Press, 2003

Mikyong Kim: Inhabiting Circumference, Landscape Rituals, Urban Ground Chapter 'Cultural Weathering' Washington, DC: Editions Ariel, 2002

BOOK MANUSCRIPTS IN PROGRESS, SUMMER 2023

Poetics of Construction in Landscape Architecture

Co-authored with Alistair McIntosh

Manuscript Proposal, Fall 2023

Mumbai Matters: The Bombay Book of Alternative Futures

Birkhauser Press, Hanover

Manuscript under preparation Fall 2023

Global Brown: Contaminated lands in a changing world

Birkhauser Press, Hanover

Manuscript under preparation Fall 2023

Designing Korea: Alternate Nature and the Contemporary Landscape

An exploration of current landscape design practices in the Republic of Korea with reference to emerging fields of restoration of historic sites and versions of modern developments in city making, park design and open space.

Manuscript under preparation Fall 2023

Tar Creek: A Toxic Journey in the American Landscape

with Photographer, Nancy Goldenberg

Manuscript Proposal Fall 2023

SELECTED PUBLISHED ARTICLES AND BOOK REVIEWS.

Conceptualizing Technology in Landscape Architecture (TLA) for the 21st Century:

The Impact on Research and Design

Nature Cities 23070211, Spring 2024

Co-Author with Dr. Xiwei Shen

Landscape Design, Evaluation and Management created by Novel Technologies

LAND Special Issue Spring 2024 ISSN 2073-445X

Guest Editor

Note of Congratulations (in English)

to Members of the Landscape Welfare Institute, Seoul, Korea

10th Anniversary Conference, Seoul, Korea

June 2023

Published as Introduction to White Paper

Advancing environmental design with phytoremediation of brownfield soils using spontaneous
invasive plants.

with co-authors Xiwei Shen, Mengting Ge, Steven N. Handel, Wenji Wang, Zehua Jin

Science of the Total Environment, Volume 883, Article 163635, April 2023

Elsevier S0048-9697(23)02255-6

Sustainable remediation and redevelopment of brownfield sites

with co-authors Deyi Hou, Abir Al-Tabbaa, David O'Conner, Qing Hu, Yong-Guan Zhu, Liuwei Wang,
Yong Sik Ok, Daniel C. W. Tsang, Nanthi S. Bolan, Jorg Rinklebe.

Nature Reviews Earth and Environment Online

Springer Nature Limited, 2023

Sustainable remediation of soil and groundwater pollution

Nature Sustainability

September, 2021

Sustainable remediation and revival of brownfields

With co-authors Deyi Hou, Yong Sik Ok, Miao Guo, Xiaodi Zheng

Science of the Total Environment

June, 2021

Landscape Architecture and Healthy City

China Landscape Architecture

Volume X, Issue X

January 2021

Brownfield Borders: Post-Industrial and Post Conflicting Brownfield Landscapes

LA Frontiers

Volume 8, Issue 1

February, 2020

New Technology with Traditional Technology: Post-Industrial Regeneration and Brownfield Remediation under Global Climate Change

LA Frontiers

Volume 5, Issue 5,
October 2017

Toxic Kingdom/Tar Creek Futures:

The Case of Picher & Cardin Mining Areas, Ottawa County, Oklahoma, USA

Landscape Architecture Journal, China

Mining Areas Landscape Restoration Special
August 2017

China Brown

(Chinese and English language)

Theme: Ecological Restoration of the City

Chinese Landscape Architecture

Vol. 33 257 05
2017

The Role of Landscape Architecture in Urban Design Education:

Design Studios from Korea University and Harvard University

Urban Design and Planning Journal,

March 2017

The Poetics of Landscape Construction: Seeing, Judging, Thinking

Worldscape Journal

Beijing, China

December 2016

Interview: Niall Kirkwood

Landscape Architecture Korea No 32/2015

Seoul, Korea

August 2015

Urban Regeneration: Teaching Examples from Korea University Workshops

Journal of Chinese Landscape Architecture

Beijing, China

May 2015

Urban Brown: Practices and Research- Case Studies from Harvard University and Korea University

Edition: New Synthesis of Area Revitalization

City Planning Review

Journal of City Planning Institute of Japan

Tokyo, Japan

May 2015

Looking Broadly at Brownfields

Edition: Regeneration

Journal of Chinese Landscape Architecture

Beijing, China

April, 2015

Landscape Architecture: Future Prospects and Responsibilities

Landscape Architecture Journal, China

April 2015

Brownfields as New Urban Ecosystems

Eco City and Green Building Journal, China

April 2015

Brownfields: Rethinking the Post-Industrial Landscape

Edition: Design Exchange

Landscape Record, China

March 2015

Master's Dialogue

Worldscape Vol 6 No 2

Theme: Cityscape

February 2015

SpongeCity: River Enlargement along the Waal River

Worldscape Vol 6 No 2

Theme: Cityscape

February 2015

'Laying Claim, Hiriya Landfill Reclamation'

Ariel Sharon Park, Tel Aviv, Israel

Worldscape, No 2, 2012, China

(in English and Chinese)

'Master Landscape Drawings: Seeing, Thinking, Making'

The Landscape Architectural Sketches of Alistair McIntosh ASLA

Environment and Landscape Architecture of Korea, no 266, June 2010, pp. 176-183

(in English and Korean)

'Post-Industrial Landscape: Contemporary Issues and Strategies for Industrial Heritage, Site Reclamation and Landscape Regeneration'

Urban Space Design No 20, March 2007

(in English and Chinese)

ISSN 1672-9080

'Here come the Hyper-Accumulators'

Harvard Design Magazine, Fall - Winter 2002

Ian L. McHarg 1928- 2001, Obituary

Landscape Architecture, June 2001

Ian L. McHarg 1928- 2001, Obituary

Harvard Design Magazine, Summer 2001

'Why is there so little Residential Redevelopment of Brownfields?'

Livability Newsletter published by Joint Center for Housing Studies, Harvard University. May 2001

Paper delivered at Foundation for Environmental Education Conference, Washington D.C. September 2000,

'Integrating Remediation Into Landscape Design' Paper from Brownfields Applications and Beneficial Use of Land at the 'Phytoremediation, State of the Science' Conference, May 2000
Conference Proceedings published on-line by U.S. Environmental Protection Agency, Summer, 2001

'Across the Open Field, Essays drawn from the English Landscape' by Laurie D. Olin, published by University of Pennsylvania Press, Philadelphia, ISBN O- 8122-3531-2
Book Review, *Urban Landscape and Planning*, September, 2000.

'Redeveloping Brownfields' by Thomas H. Russ published by McGraw Hill, NY.
Book Review, *Landscape Architecture*, May 2000.

'Unusable and Unsafe' Learning from Failure,
GSD News, Fall 1996

'Holding our Ground',
Landscape Architecture Magazine, February 1996

'Safety and Amenity in Detail: Landscape in Detail' (in Japanese)
Interscape Magazine, September 1995

"Reconfigured Ground: practice and research between landscape and architecture".
Symposium Proceedings, 'Design for the Environment: The Interdisciplinary Challenge'
ACSA Conference, University of Illinois at Champaign - Urbana, October 1995.

'Terra Firma Reconsidered', *Landscape Design Magazine*, September 1992

PUBLICATION ON KIRKWOOD'S WORK BY OTHERS

Anderson, Alex. Tar Creek Remade: Taking on 120 years of environmental injustice at an Oklahoma Superfund site. Harvard GSD Website, June 2021,

Balcom, Ian. *Phyto: Principles and Resources for Site Remediation and Landscape Design*- Book Review in *Ecological Restoration*, September 2017 pp 275- 276

Arvidson, Adm Regn. Epic Fail, Niall Kirkwood on Why Landscapes Don't Last. *Landscape Architecture Magazine* April 2014, pp. 36- 38.

Liu, Xiao-ming. The Development of the Landscape Architecture Discipline at Harvard University
Chinese Landscape Architecture Journal, December 2006, Beijing: CSLA Publications.

Livingston, Heather. Emerging Technology: Phytoremediation in Site Reclamation, An Interview with Niall G. Kirkwood, Professor and Chair, Department of Landscape Architecture, Harvard Graduate School of Design. *AIA Journal*, June 6, 2005

Clemence, Elizabeth and Susan Howard. Reclaimed! Brown Fields and Gray Waters: Reclamation Processes and Design Practices Conference Review.

Landscape Journal, Volume 21, Number 2, 2002.

Reed, Chris. *Manufactured Sites: Rethinking the Post-Industrial Landscape*
by Niall Kirkwood, Book Review, *Landforum*, Spring 2002

Thompson, J. William. *Manufactured Sites: Rethinking the Post-Industrial Landscape*
by Niall Kirkwood, Book Review, *Landscape Architecture*, November, 2001

Gewertz, Ken, *When Fieldwork is Fieldwork: Reclaiming 'Degraded' Land is Focus of Gund Hall exhibit*, *Harvard Gazette*, 25 October, 2001

McIntosh, Alistair. *The Art of Landscape Detail: Fundamentals Practices, Case Studies*
by Niall Kirkwood, Book Review, *LandForum*, No. 5, August 2000.

Thompson, J. William. 'Getting the Lead Out' *Landscape Architecture*, Volume 90, No. 5,
May 2000

Dalton, Deborah. *The Art of Landscape Detail: Fundamentals Practices, Case Studies*
by Niall Kirkwood, Book Review, *Landscape Architecture*, February, 2000

Sorvig, Kim. *The Art of Landscape Detail: Fundamentals Practices, Case Studies*
by Niall Kirkwood, Book Review, *Landscape and Urban Planning*, Volume 49/1-2 (2000)
Lindley Tom. 'Who will save the Children of Ottawa County?' *The Oklahoman*, December 1999
Garton, Gary. 'Plants may Pull Lead from Soil' *The Joplin Globe*, January, 1999

Taft, Marilyn. 'LEAD Meetings to feature Harvard Professors', *Miami News-Record*,
January, 1999

Thompson, J. William. 'Botanical Remedies', *Landscape Architecture*, Volume 88, No 8,
August 1998

McNamara, Martin H. 'London Open Space' *Landscape Architecture*, Vol 81, No. 8, August 1991

Thompson, J. William. 'Atlantic Crossing', *Landscape Forum*, *Landscape Architecture Magazine*
Vol 81, No. 8 August 1991

PROFESSIONAL PLANNING AND DESIGN EXPERIENCE

Major Design Projects

1985- 1992

with Hanna/Olin Ltd, Landscape Architects, Philadelphia, PA as member of a design team led by Laure D Olin and Robert Hanna.

Bronx Police Academy, New York, NY.

Role: Landscape Project Manager and Senior Associate

Invited Competition, 1992

Consultants: Sir Norman Foster and Partners, Architects, London

Conceptual design proposal for open space associated with proposed building proposal

College & Conservatory of Music, University of Cincinnati, Cincinnati, OH.

Site Masterplan, 1991

Architects; Pei, Cobb, Freed & Partners, New York

Residence and Garden for John Baldessari, Santa Monica, CA.

Role: Landscape Project Manager and Senior Associate

Site Master plan, 1991

Architects; Frank O Gehry Assoc, Inc. Venice, California

Electric Trolley Bus Project, Los Angeles, CA.

Role: Landscape Project Manager and Senior Associate

Urban Masterplan, 1991

Client; Southern California Rapid Transit Authority

Consultants:

DMJM, Los Angeles, Architects

Public Works Associates, Los Angeles, Urban Designers

Development of 200 miles of urban infrastructure, open space and civic amenities along new trolley bus system. Included handling of abandoned and contaminated sites, roadways and service areas.

Hotel del Artes, Vila Olimpica, Barcelona, Spain

Role: Landscape Project Manager and Senior Associate

Open Space, Documentation and Implementation, 1991

Client; The Travelstead Group, New York

Consultants:

Skidmore Owings Merrill, Chicago and Barcelona

Bruce Graham, Architects, Florida

Frank O. Gehry and Associates, Architects, Los Angeles

Associated with the planning of 1992 Olympics, design and implementation of international hotel project, retail center and associated open space on Barcelona's former industrial waterfront.

Sagrera Station, Barcelona, Spain

Role: Landscape Project Manager and Senior Associate

Conceptual Masterplan, 1991

Client; The Travelstead Group, New York

Architects; Sir Norman Foster and Partners, London

Ove Arup & Partners, Engineers, London

Redevelopment of 300 acres of contaminated former railroad shunting yards. Master planning of active and recreational park, railway station and parking.

Parc de le Draga, Banyoles, Spain

Role: Landscape Project Manager and Senior Associate

Open Space Masterplan and Design, 1990

Client; Barcelona Olympic Committee

Architects; Eisenman Associates, New York

Associated with the planning of 1992 Olympics, planning and design of local park and facilities associated with rowing. Development of site reclamation approach.

Chiswick Park, London, England

Role: Landscape Project Manager and Senior Associate

Site Masterplan and Open Space Design, 1989

Client; Rosehaugh Stanhope Ltd.

Consultants:

Terry Farrell and Partners, Architects, London

Ahrens, Burton, and Koralek, London

Norman Foster and Partners, Architects, London

Richard Rogers and Partners, Architects, London
Peter Foggo and Associates, Architects, London
Chipperfield Associates, Architects, London
Eric Parry Associates, Architects, London
Ove Arup & Partners, Engineers, London

Redevelopment and master planning of 30 acre former industrial bus factory and test site adjacent to nature reserve and residential community. Removal and capping of 1 million cubic meters of contaminated soil, formation of lakes, infrastructure, roads and building platforms.

Kansai Airport, Japan

Role: Landscape Project Manager and Associate

Invited Competition, 1989

Architects; Pei, Cobb, Freed, & Partners, New York

Planning and design proposal for new international airport located on new landfill island.

Kings Cross Railway Yards, London, England

Role: Landscape Project Manager and Associate

Land Reclamation and Redevelopment Project, 1987

Client; London Regeneration Consortium, London

Consultants:

Norman Foster and Partners, Architects, London

Richard Rogers and Partners, Architects, London

Ove Arup & Partners, Engineers, London

Post-competition development of 134 acres of urban land comprising two railway stations and shunting yards, a major canal, a functioning cement works, a children's nature park, and fifty severely contaminated industrial buildings and demolished structures. Master planning of new urban development, infrastructure and a new urban park.

Kings Cross Railway Yards, London, England

Role: Landscape Project Manager and Associate

Invited Competition, 1987

Client; London Regeneration Consortium, London

Consultants:

Skidmore Owings & Merrill, Chicago and London, Architects and Urban Designers

Chipperfield Associates, Architects, London

Norman Foster and Partners, Architects, London

Frank O Gehry Assoc, Inc. Architects, Los Angeles

Stanley Tigerman Associates, Architects, Chicago

Redevelopment of 134 acres of urban land comprising two railway stations and shunting yards, a major canal, a functioning cement works, a children's nature park, and fifty severely contaminated industrial buildings and demolished structures. Master planning of new urban development, infrastructure and a new urban park.

Royal Albert Docks, Docklands, London, England

Role: Landscape Project Manager and Associate

Docklands Redevelopment Masterplan, 1987

Client; Rosehaugh Stanhope Ltd., London

Consultants: Richard Rogers and Partners, Architects, London

Master planning of 331 acre abandoned dock site with polluted water basins, derelict warehouses and localized toxic soils from oil chemical spills. Phased program of development includes housing, retail center, and a transportation center including a small commercial airport.

Bishopsgate, Broadgate Phases 7- 13, London, England

Role: Landscape Project Manager and Associate

Site Redevelopment Masterplan and Redevelopment Project, 1986- 1989

Client; Rosehaugh Stanhope Ltd., London

Architects; Skidmore Owings Merrill, Chicago and London

Wexner Center for the Visual Arts, Ohio State University, Columbus, OH

Role: Landscape Project Manager and Associate

Site Design and Implementation, 1986

Client: Ohio State University

Consultants: Eisenman Robertson, Architects, New York

Master planning of site and building project to form new focus of arts and visual media within existing campus. Development of material studies, detailing techniques and installation procedures with architects and contractors.

Canary Wharf, Docklands, London, England

Role: Landscape Project Manager and Associate

Docklands Redevelopment Masterplan and Redevelopment Project, 1985- 1993

Client:

The Travelsted Group, New York

Olympia and York, Toronto and London

Consultants:

Skidmore Owings Merrill, Architects, Chicago and London

Kohn Peterson Fox, Architects, New York

Aldo Rossi, Milan, Architects, Italy

Ove Arup & Partners, Engineers, London

Master planning, design and implementation over five years of 71 acre waterfront development on abandoned docks on the Isle of Dogs, River Thames.

Major Design Projects

1980- 1983

with Trevor Dannatt and Partners, Architects, London, England

British Embassy Office and Chancellory

Role: Architect

Government Headquarters within new Diplomatic Quarter, 1980

Riyadh, Saudi Arabia, 1980

Client: Her Majesty's Foreign Office

British Ambassador's Residence

Role: Project Architect

Private Residence within new Diplomatic Quarter, 1980

Riyadh, Saudi Arabia

Client: Her Majesty's Foreign Office

Colfes School Arts Center, Barnes, London

Role: Project Architect

Lecture Hall and Performing Arts Center, 1982

Client: Colfes School Board of Directors

Thames Polytechnic, Woolich, London

Role: Team Architect,

Campus Masterplan, 1981

Client: Thames Polytechnic (now Greenwich University)

Major Design Projects

1977- 1980

with Derek Lovejoy and Partners, Landscape Architects, Edinburgh, Scotland.

Brewery Park, Saltcoats, Ayrshire, Scotland

Role: Landscape Project Manager

Landfill Reclamation and Park Design, 1980

Client: Scottish Redevelopment Authority

Master planning of former coal mining and municipal landfill site adjacent to seafront.

Ardeer Quarry, Ardeer, Ayrshire, Scotland

Role: Landscape Project Manager

Quarry Reclamation and Park Design, 1979

Client; Scottish Redevelopment Authority

Master planning of former mining site and municipal landfill site adjacent to ICI Chemical Works

End of Curriculum Vitae