



EXECUTIVE PROGRAM Infrastructure, Planning & Landscape for Sustainable Cities

30 June - 06 July, 2019, Erasmus University Rotterdam, The Netherlands.

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My Liveable City, India+ Netherlands (MLC)

An international platform devoted to making cities liveable for all; informing, inspiring and educating through a world class magazine, conferences and knowledge tours

IHS
Making cities work

Erasmus

**Institute for Housing & Urban Development Studies,
Erasmus University, Rotterdam, Netherlands**

Global Centre of Excellence recognised by the UN-Habitat Scroll of Honour award for its contribution to sustainable urban development

An invaluable 7 day program for professionals involved in the fields of Infrastructure planning & design, urban planning & landscape architecture, infrastructure development and finance.

The course is specially crafted for mid to senior level professionals from public and private sectors - governments, architects, civil engineers, landscape architects and urban planners & urban designers, policy-makers & financiers and academicians who together constitute the symbiotic ecosystem within which urban infrastructure is developed, designed and executed.

Besides the background and theory of urban infrastructure, the course is meant to show how while developing infrastructure, by creative thinking and processes other goals of importance such as landscape enhancement, urban improvement and financial gains can be achieved.

Visits to exemplary projects through the week and meetings with those professionals involved in these projects will expose the participants to revolutionary state-of-art ideas

which they then can apply in their own work.

All participants will receive a certificate from IHS-MLC Academy on completing the course successfully.

For greater detail on the week-long program visit **myliveablecity.com**

COSTS

The tuition fees for the course will be INR 100,000 (plus taxes). This will cover the cost of lectures, workshops and all visits to organisations and sites during the 7-day programme.

Each participant is expected to make his/her own arrangements for the travel to Rotterdam and to arrange for his/her board and lodge.

The number of participants will be restricted to 40 and reservations to eligible candidates will be made on first-come, first serve basis.

Please contact Mitali Choudhary on **mitali.myliveablecity@gmail.com** for reserving your place or further information.

EXECUTIVE PROGRAM!

Infrastructure, Planning & Landscape for Sustainable Cities

Date: Sunday 30th June to Saturday 6th July, 2019

Location : Institute of Housing and Development Studies, Erasmus University Rotterdam, Netherlands

Organised by:

MY LIVEABLE CITY (MLC) in cooperation with

INSTITUTE OF HOUSING AND URBAN DEVELOPMENT STUDIES (IHS), Erasmus University, Rotterdam, Netherlands

The course will be held at the IHS Building on the campus of Erasmus, University Rotterdam. The campus is located in the eastern part of the city and can be reached by public transport from other parts of the city.

The address of the campus is: IHS is located in the Mandeville Building which is located centrally on the university campus.

The food-court is equipped with several take-aways and cafes are located just around the corner from the building of IHS. Participants can buy their lunches on days of the course there.

DETAILS OF THE PROGRAM

DAY 1: SUNDAY

starts 13.30 hrs

A bus trip (starts 1.30 pm)through the western part of Netherlands setting the context for the participants, on how the disciplines of infrastructure planning and design, landscape architecture and urban planning have been interwoven in the development of cities and landscapes in Netherlands.

Netherlands : a land of balanced high density of population but also high-density urban mobility infrastructure as the logistic hub of Western Europe. Sea and shore-lines, rivers and canals, dikes and (water)defence systems, cycle paths and networks, pedestrian routes and precincts, ecological networks and ecoducts, railway-lines and high-speed trans-Europe connections and energy systems and e-mobility.

DAY 2: MONDAY

starts 9.30 hrs.

LECTURE 1: The logic of simultaneous thinking of infrastructure, planning & landscape

Ir. Shyam Khandekar (MLC)

LECTURE 2: The Theory Of Planning & The Role Of Infrastructure

Dr. Alexander Jachnow (IHS)

AFTERNOON BUS TRIP starts 1.30 pm: Visit to Utrecht and Leidsche Rijn : combining motorway with a park and an urban district. Demonstrating universal accessibility in public transportation: Hester van Gent (Utrecht City Corporation) (MLC)

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DAY 3: TUESDAY

starts 9.30 am.

LECTURE 1: Infrastructure Planning For Green And Sustainable Cities

Dr. Ogenis Brilhante (IHS)

LECTURE 2: The Brazilian Experience : Curritiba Versus Sao Paolo

Paola Huijding (MLC)

AFTERNOON BUS TRIP starts 1.30 pm : Coastal zone and a visit to the extraordinary parking garage under the dunes in Katwijk. Lecture by DHV and possibly, Rijkswaterstaat on Building with Nature.

DAY 4: WEDNESDAY

starts 9.30 am.

LECTURE 1: Organisations For Planning & Building Infrastructure (PPPs and other SPVs)

Dr. Carley Pennink (IHS)

LECTURE 2: Cycling Infrastructure, Planning & Design

Martijn Akkerman (Witteveen & Bos) (MLC)

LECTURE 3: PEDESTRIAN INFRASTRUCTURE & LANDSCAPE

Liesl Vivier (BDP) (MLC)

AFTERNOON BUS TRIP starts 1.30 pm: Baarn Railway underpass (talk by Liesl Vivier) and visit to an Ecoduct (Okra?) (MLC).

DAY 5: THURSDAY

starts 9.30 am.

LECTURE 1: THE FINANCE OF URBAN INFRASTRUCTURE

Somesh Sharma (IHS)

DAY BUS TRIP starts 11.00 am: Visit to the River Waal project in Nijmegen (how issues of flood prevention have been combined the creation of large recreational public spaces)(talk by landscape architect of City Corporation) and Paleiskwartier in s'Hertogenbosch where the water basin on top a large parking garage works as a solar collector and the whole has been used to create the central public space in a large-scale redevelopment, and the Paleisbrug (a pedestrian-cycling bridge which doubles up as a linear park) (talk by Sonja de Jong, City Corporation).

DAY 6: FRIDAY

starts 9.30 am.

LECTURE 1: Infrastructure & Landscape

Prof. Kelly Shannon, University of Leuven

LECTURE 2: Embedding Infrastructure In The Urban Context

Vinayak Bharné, University of Southern California (MLC)

AFTERNOON WORKSHOP: Exercise for participants in 5-6 groups of 5-6 persons.

DAY 7: SATURDAY

starts 9.30 am.

Evaluation and concluding session to be held at Hotel New York or at The Pavilion, Rotterdam University Campus.

STAFF PROFILES

Staff profiles of IHS and MLC staff involved



Ir. Shyam Khandekar

Senior Expert in URBAN PLANNING and URBAN DESIGN

Shyam Khandekar is an Architect, Urban Designer and Urban Planner and

has over 40 years of professional experience in various aspects of the design of cities and their (urban) landscape and public spaces. He is an alumnus of IHS, Rotterdam (1973), and holds a Master's degree in Urban Design from the University of Manchester (UK) (1976) and a Master's degree in Urban Planning from the Technical University of Delft (Netherlands)(1978), besides holding a B.Arch(Hons) degree in Architecture from the prestigious Indian Institute of Technology, Kharapur,India (1972). Shyam has founded and led his own private practice in the Netherlands for more than 25 years and has been working and leading multi-disciplinary design-teams engaged in large complex urban projects in Europe and in India. As founder of his design studio, Shyam has led, among others, the design of the award-winning Paleiskwartier in Netherlands and the Nirlon Knowledge Park in Mumbai, India. As Chairman of BDP. KHANDEKAR, Netherland and BDP.INDIA, Shyam was responsible for leading design teams which won the competitions for both IIT, Mandi campus and the sustainable IIT, Jodhpur campus in India. He has lectured extensively around the world in conferences and at universities on issues related to the liveability of cities and on his own designs. He is co-founder and Editorial Director of the international magazine MY LIVEABLE CITY.



Dr. Alexander Jachnow

Dr. Alexander Jachnow is an urban development specialist with more than 19 years of working experience as a researcher and consultant in the fields of urban capacity development. The main focus of his work lies in enhancing institutions and human resources through strengthening their capacities by improving urban management and policy frameworks.

At IHS, Dr. Jachnow is responsible for leading one specialization within the Masters' Programme MSc. Urban Management and Development. His department teaches on strategic urban planning and development, including policy frameworks and National Urban Policies. He is engaged in

advisory as well as research assignments and frequently works with organizations and DC agencies such as DFID, European Commission, GIZ, KfW, OECD, UN Habitat and UNESCO and local and national governments and NGOs worldwide..

Previous to joining IHS, Dr. Jachnow had worked for 6 years as team leader in Urban Governance Programmes of GIZ, KfW, World Bank and ADB in South Asia. From 1998 till 2007 his focus was on Latin America including diverse assignments, practical work, research and field studies. He was engaged in housing programmes in Mexico City and in Favela upgrading in Fortaleza, and wrote his PhD thesis on the influence of Civil Society on urban development with case studies from Argentina, Brazil and Mexico. He studied architecture in Berlin and Cordoba, Argentina, and holds a specialization in Housing Studies from the UNAM, Mexico City.

STAFF PROFILES



Dr. Ogenis Brillhante

Dr. Ogenis Brillhante (PhD. Environmental Science, University Paris XII, Paris 1999) is the Head of the Green City and Infrastructure (IGC) thematic area, which includes the master specialization “Managing and Financing Infrastructure for Green Cities (MFUI)” and the professional short course “Green city for Eco Efficiency”.

He has initiated the GCI thematic area in 2013 by developing the IHS Green City Concept and two tools: one to measure green city performance and the other to develop a Green City action planning to help city become greener. The thematic area has become very successful with high student counts, publications and international projects.

Ogenis has completed more than 50 assignments in more than 25 developing and transitional countries working for different bilateral and multilateral agencies as well as governments and non-governmental organizations,

His skills acquired in more than 20 years of experiences involved capacity building, research and advisory projects focused on environmental planning and quality, infrastructure management, sustainable development, climate change, disaster risks, sustainable energy, water & sanitation and green city.

He has a certification on ISO 14001, he is the author of two books: Municipal planning and management (English and in Chinese) and Environmental Impact Assessment (English and Arabic) and several publications in peer reviewed journals.

His research interest covers infrastructure asset management, environmental health, sustainable development, sustainable energy and green city. Currently, he is working on research involving infrastructure and green city performance, as well as green city relations with sustainability, liveability, healthy cities and competitiveness.



Paola Huijding

Paola Huijding is born in São Paulo of European parents, she grew up in the Netherlands and Brazil, was raised in three languages, and began her professional life in 1990. Since then she has been working in the Netherlands, Germany, Belgium and Brazil. She has built her career as designer, city planner, innovation developer and strategy manager. Having received two degrees in Architecture and Urban Planning, she has specialised in a combination of highly efficient, inclusive spatial solutions and creative functional conceptions, multicultural background

communications and project management.

Driving by passion she has led big scale and complex projects at international level, providing a wide range of management, strategy and design services; meeting the needs for both the public and private sector for long-term urban strategies. She understands the crucial role of knowledge and feeling for the potential of urbanisation, and enables a city to develop a coordinated, institutional framework to make the most of opportunities, giving residents a chance to have a voice in the future of the place where they live.

During her career she has collaborated with Michael Wilford (London/Stuttgart), Sjoerd Soeters (Amsterdam) and René Daniels (Maastricht). In the last years she led her own company Volpi Urbane in collaboration with the Collaborating Center on Sustainable Consumption and Production in Wuppertal.

Since April 2017 she joined Platform31 and is responsible for the development of the vision and overall coordination of the sustainability programme focussing on climate change, energy transition and circular economy.

STAFF PROFILES



Dr. Carley Pennink

Dr. Pennink (BA, University of Pennsylvania, Philadelphia, PA; BFA, Parsons School of Design, NYC; MA Urban Management, Erasmus University Rotterdam; PhD, Erasmus University Rotterdam) is the Head of International Projects and Advisory Services at the Institute for Housing and Urban Development Studies.

She worked for the first ten years of her career as an architect and planner and as a project manager in the field of urban and social housing development. She joined IHS in 1994. At IHS, she leads the acquisition and management of the institute's project portfolio.

Dr. Pennink is a capacity building expert and has provided institutional support to training service providers throughout Africa, Asia and Central and Eastern Europe.

Thematically, Dr. Pennink trains and provides advice on public - public private partnerships in infrastructure provision and the privatization of municipal services and, as well as quality and performance in local government, institutional development and organizational change. She has extensive experience working with public private partnerships, from 1982 – 93, in the field, in large, multi-actor urban projects; and through training and advisory work in the developing world, and Central and Eastern Europe.

Dr. Pennink's dissertation looked at aspects of risk and trust in public private partnerships. She has managed teams working on city-wide development strategies, and planning processes that incorporated community based and participatory approaches. She recently authored, with a team at IHS, the City Development Strategies 2.0 toolkit, financed by Cities Alliance. This toolkit is also available in web-based form and facilitates local governments in the development and implementation of CDS processes.



Martijn Akkerman (Witteveen & Bos)

Martijn Akkerman is a senior urban mobility expert working for Witteveen+Bos Consulting Engineers in the Netherlands. He's an active cyclist and has worked on cycling infrastructure design projects in the Netherlands, Latvia and Kazakhstan.



Liesl Vivier (BDP)

Liesl Vivier is the director of Studio BDP in the Netherlands. She works as an urbanist on large-scale projects of urban regeneration in the Netherlands and abroad.

STAFF PROFILES



Somesh Sharma

Somesh is working as an academic staff at IHS, Erasmus University Rotterdam. His main functions include teaching, research, advisory and tailor made training programs. He is in-charge of the 3-months PGD course on 'Urban Management and Development Theories (UMDT)'. In the past Somesh has worked with the P&M Research Services, Bhaskaracharya Institute for Space Applications and Geo-informatics (BISAG), Indian Institute of Management Ahmedabad (IIM-A), and German International Services (GIZ-IS).

Thematic focus of Somesh's work include sustainable urban transport, local government finance, environmental planning, green and smart infrastructure planning, and planning for climate change adaptation and mitigation. He has developed a framework approach for Sustainability Benefits Assessment Methodology (SBA), Travel Demand Forecasting Model, Transport Emission Estimation Model, Integrated Model for Low-cost Sustainable Transport Planning, and web-based decision support system for Climate Change and Variability Assessment. Somesh has developed several GIS-based systems applied in climate change impact assessment, vulnerability assessment, national and local level policy making, land-use planning and sustainable development planning. Some of the key assignments that he has contributed to include – mass online open course (MOOC) on Financing Infrastructure in African Cities (FIAC) (available at Coursera online learning platform (<https://www.coursera.org/learn/financing-infrastructure-in-african-cities>); Sustainability Benefits Assessment Methodology (the World Bank), Integrating Climate Change with City Development Strategies (UN-Habitat), Linking Eastern and African Networks on Climate Change (LEAN-CC); Strengthening Higher Education in Urban Sustainability and Transitions Towards Internationalisation of Academic Institutions and Networks (SUSTAIN); UNFCCC-II; NATCOM-II; National Agriculture Innovation Project (NAIP); Gujarat Forestry Development Project-II (GFDP-II); and the Sixth Central Pay Commission of India.



Prof. Kelly Shannon, University of Leuven

Kelly Shannon is an associate professor of urbanism at the University of Leuven, where she is director of the Master of Human Settlements and Master of Urbanism and Strategic Planning programs. Her design research is at the intersection of analysis, mapping and new cartographies and design. It primarily focuses on the evolving relation of landscape, infrastructure and urbanization in Asian public sector. A particular interest focuses development of robust landscape structures as a form of resilience to deal with contemporary design challenges at the territorial and urban design scales which can be addressed

through water and forest urbanisms. She regularly contributes essays and book chapters in various international presses. She co-authored *The Landscape of Contemporary Infrastructure* (with Marcel Smets) and co-edits (with Bruno De Meulder) the book series *UFO: Explorations of Urbanism* (Park Books, Zurich).

STAFF PROFILES



Prof. Vinayak Bharne

Senior Expert in ARCHITECTURE and URBAN DESIGN

Vinayak Bharne is Principal and Director of Design of the award-winning architecture/planning practice, Moule & Polyzoides, in Los Angeles, USA. He is also Associate Professor (Adjunct) of Urbanism at the University of Southern California, and Executive Editor of *My Liveable City*. His professional work ranges from satellite cities, new towns, neighborhood and district master plans, mobility plans, inner-city revitalization, resortvillages, campuses and housing for corporate, private and institutional clients; to urban regulations, policies and strategic advising for government and non-government agencies in the United States, Canada, India, Australia, China, United Arab Emirates, Panama, Kenya and Mauritius. His projects have received numerous local and national awards. These include the 2013 National Award for Smart Growth Achievement – Overall Excellence by the United States Environmental Protection Agency, the 2013 Pinnacle Award from the International Downtown Association, five national Charter Awards from the Congress for the New Urbanism; and the Excellence in Planning Implementation Award from the California Chapter of the American Planning Association. He is the author/editor of four books including “*The Emerging Asian City: Concomitant Urbanities & Urbanisms*” (Routledge, 2012), and the forthcoming “*Routledge Companion of Global Heritage Conservation*” (Routledge 2018). He is the author of more than 50 articles on urban design and planning including “*Humanizing High-rise Urbanism: Design Strategies and Planning Tools*,” and “*The Affordable City: Bridging Urban Extremes with a Equitable Middle*.” Profiled as an emerging thought leader by *World Architecture News* in 2013, he was one of nine international urban practitioners and scholars honoured at the 2015 Urban Edge Award seminar at the University of Wisconsin Milwaukee for “excellence in the broad field of urban design and the ability of individuals to create major, positive change within the public realm through engaging research, critical practice and urban activism.”