

DAVID WALLACE MATHEWSON BSc. Arch, MA H+U (AA), MA IPSD

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PROFILE

I am a qualified and award-winning urban designer, planner, educator and architectural designer with more than thirteen years of urban design, planning and architecture experience in the UK, US and internationally. Most recently I have worked on projects with a focus on urban design, strategic and regional planning, as well as transport planning in Southeast Asia - in particular Indonesia, Malaysia and Vietnam; China; the Middle East – Oman, Kuwait, U.A.E. and Saudi Arabia; in Africa –Nigeria, Rwanda and Angola; Latin America: Brazil; Europe: France, Belgium, Germany and Ireland; as well as the U.K. I have been teaching urban design and international planning for the past three years at the postgraduate level. I have also been responsible for developing master plans, development frameworks, urban regeneration schemes and conservation plans, which included planning and vision documents, project management, coordination of urban planning, urban design, graphics, studies of best practice, contextual and urban analysis, initial proposals, bid preparation, proposal writing and assisting with community consultation on master plan schemes as well as urban and residential development projects. I previously designed high-end, bespoke housing in the Northeastern, Southwestern and Western United States. I am currently in the process of submitting my APC for full membership of the RTPI.

UNITED KINGDOM + INTERNATIONAL WORK EXPERIENCE

MM | DP : Mathewson Miminis | Design + Planning Ltd.

International Development Projects with the Max Lock Centre (MLC) at the University of Westminster, the Indonesia Infrastructure Initiative (IndII), Nigerian Infrastructure Advisory Facility (NIAF) and Design Council Cobe (formerly Commission for Architecture + the Built Environment or CABE)

Urban Design & Planning Consultant - Director of MM | DP Ltd. [March 2014 – Present]

- For Max Lock Centre/NIAF: Leading the transport planning, urban design and strategic planning aspects of development and policies, master plans and layout, development guidelines and sustainable planning policies and strategies for Nigeria and Rwanda funded by the UK Department for International Development (DfID) and the World Bank
- For CABE: Researching new tall buildings guidelines for England, assisting with 'Active by Design' and 'Community-Led Design programmes and Design Review in England, funded partly by the Department for Communities + Local Government (DCLG), the Homes & Communities Agency (HCA) and the Department for Business, Innovation & Skills (BIS)
- For IndII: Transport master planning for Jakarta, Indonesia funded by the Australian Department of Foreign Affairs & Trade (DFAT)

Notable Projects

- Bus Reform project for Jakarta to improve existing urban transport system and how it links with other modes, e.g. planned Metro Rapid Transit (MRT) and existing Bus Rapid Transit (BRT) lines
- Freight transport planning for Northern Nigeria
- BRT corridor planning & urban design strategies for transport hubs in the Federal Capital Territory (FCT), Nigeria
- Establishing City development Offices (CDOs) for GIS-based built asset mapping: Enugu, Kaduna and FCT, Nigeria
- Responsible for strategic and regional planning of the FCT, including master plans for three major DfID-funded opportunity sites within the territory, including new Commercial District, Business Park, Enterprise Zone and Eco-Resort & Convention Centre master plans
- Enterprise Zones for Kaduna State and Niger State, Nigeria
- Regional planning for sustainable development of secondary cities in Rwanda, including the metropolitan region of Kigali, as well as national economic development planning.

University of Westminster, London, UK

Faculty of Architecture and the Built Environment: Department of Planning + Transport

Lecturer in International Planning + Urban Design (0.5 FTE) [September 2012 - Present]

with PhD in Architecture + Built Environment Studies [January 2016 – 2022 expected]

- Teaching, lecturing and facilitating urban design and strategic planning workshops and crits in the MA International Planning + Sustainable Development Course for the Sustainable Neighborhood Development & Management, International Spatial Planning Practice, Sustainable Cities and Urban Resilience and Disaster Risk Management modules as well as
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lecturing on planning and development policy in the BSc Property & Planning programme
Policy module Introduction to Urban Policy & Planning Law

- Focusing on projects to incorporate resilient systems for public transport and movement networks, open space, infrastructure, services and protected natural and managed ecosystems to weather climate, economic and demographic changes while transformative policies and programmes to adapt existing settlements to low-carbon economies, including mitigation and adaptation measures as appropriate
- PhD thesis will study flooding and its impact on development patterns and urban block typologies in Southeast Asian cities, focusing on Jakarta and the proposed Coastal Defense Strategy or JCDS and associated island development.

Skidmore, Owings and Merrill LLP (“SOM”), London, UK

A multidisciplinary design firm with sustainable & resilient urban development projects (London)

Project Manager – Planning & Urban Design [December 2011 – April 2014]

- Responsible for client, stakeholder and consultant coordination
- Project management, including managing staff, including urban & graphic designers, landscape architects and consultants, as well as handling staff resourcing and manpower projections and project fee reporting and forecasting
- Responsible for the design of master plans and urban design projects specialising in sustainable, resilient and transformative city design and development in Developed and Developing Nations which included systems, mitigation methods, transformation measures (Middle East, BRIC, Southeast Asia, Europe, Africa)
- Outputs included analysis drawings, documents and diagrams, proposals, presentations and assisting with client interface, delivering projects for both public & private clients
- Conducted existing urban fabric and character areas assessment and precedent research, urban transport planning, as well as research into carbon mitigation and adaptation measures, transformation schemes, sustainable infrastructure systems, and relevant policies at the national, state/provincial and municipal level
- Produced design guidelines and planning documents, as well as presentations
- Created hand-drawn vignettes and axonometric drawings of proposals and existing conditions, undertaking character and conservation analyses
- Responsible for fee proposals and contracts, bid tenders and marketing

Notable Projects

- New Covent Garden Market Masterplan: 3,000 unit, 25 ha Mixed Use, Residential-led development, Vauxhall Nine Elms Battersea Opportunity Area, London
- Imperial College London Master Plan & Vision, South Kensington & White City, London
- “Minsk City” Urban Quarter master plan for former airport inner city site, Minsk, Belarus
- Al Duqm New Town Master Plan, Duqm, Oman
- Langkawi Waterfront Regeneration development framework, Langkawi Island, Malaysia
- Kalimantan Coastal Master Plan, Kalimantan Province, Island of Borneo, Indonesia
- Pluit City Islands Master Plan, Jakarta, Indonesia, a new community for 170,000 residents on two islands totaling 360 ha of the north coast of Jakarta in the Java Sea
- Trans City Jakarta Master Plan, SE Jakarta, Indonesia
- King Abdullah Economic City, Jeddah, Saudi Arabia
- Kuwait Economic Zones strategic & regional economic plan, Kuwait
- Kota Tua /Old Batavia conservation area & regeneration development framework, Jakarta, Indonesia
- Cendere Vadisii Master Plan, Istanbul, Turkey
- Zhengzhou Sustainable, Zhengzhou, China
- Al Falah master plan, Abu Dhabi, U.A.E.
- Convida Suape, Recife, Brazil
- Strategic planning and district master planning for Luanda, Angola

AECOM Planning + Design (formerly “EDAW”); London & Manchester, UK

A multidisciplinary consultancy with sustainable & resilient master planning projects

Senior Urban Designer [January 2011 – December 2011] Fixed term contract

- Responsible for the design of regeneration schemes, master plans, public transport systems and urban design projects incorporating current sustainable development practices, resilient
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urban development systems, mitigation measures and transformative policies in Developed Nations (Middle East & Europe)

- Outputs included analysis drawings, documents and diagrams, proposals, presentations and assisting with client interface, delivering projects for both public & private clients
- Responsible for client, stakeholder and consultant coordination
- Managing staff, including urban & graphic designers, landscape architects and consultants
- Conducted existing urban fabric and character areas assessment and precedent research, as well as research into carbon mitigation and adaptation measures, as well as relevant policies at the national, state/provincial and municipal level
- Produced design guidelines and planning documents, organised Public Forums, presentations, exhibitions and community consultation events
- Designed opportunity site proposals
- Created hand-drawn vignettes and axonometric drawings of proposals and existing conditions, undertaking character and conservation analyses

Notable Projects

- Mecca Urban Transport master plan, Mecca, Saudi Arabia
- West Gorton Urban Regeneration, Manchester, England
- Northwest Bridlington Master Plan, Bridlington, East Yorkshire, England
- Beech Hill Sustainable Regeneration Master Plan, Halifax, West Yorkshire, England
- Altrincham Town Centre Audit, Trafford, Cheshire, England

PLP Architecture (formerly Kohn Pedersen Fox or “KPF”); London, UK

A UK-based sustainable architectural design and master planning firm

Urban Designer [May 2010 – January 2011] Fixed term contract

- Responsible for the design of master plans and urban design schemes incorporating the latest sustainable development practices, including risk management, including best practice and practical systems and applications for Developed and Developing Nations
- Outputs included analysis drawings, documents and diagrams, proposals, presentations and client interface, delivering projects for both public & private clients
- Schematic interior layout and general architectural design of mixed-use buildings
- Researched precedents, coordinated documents and presentations
- Conducted existing urban fabric and character areas assessment and precedent research, as well as research into best practice sustainable development systems
- Designed opportunity site proposals
- Created hand-drawn axonometric and perspective drawings of proposals and existing conditions, undertaking character and conservation analyses

Notable Projects

- Université de Montpellier master plan & vision, Montpellier, France
- Arzanah Master Plan, Abu Dhabi, UAE
- Suning-Ruichenge Master Plan, Nanjing, China
- Nieuw Zuid mixed-use master plan, Antwerp, Belgium
- Aabar Quarter master plan, Al Raha Beach, Abu Dhabi, UAE
- East Pilgrim Street Regeneration framework, Newcastle, England
- Residential Master Plan for the former TRL Site, Crowthorne, Berkshire, England

DW+JR M Design; London, UK

A design consultancy providing advice and design services for sustainable development

Principal [November 2008 – March 2012]

- Worked directly with client on design, proposals, planning and fees, incorporating best-practice sustainable design systems and carbon mitigation measures and materials
- Conducted existing site analysis and precedent research for a private high-end residential project on the Caribbean island of Mustique
- Site planning, main residence and estate outbuildings designed for Outline Planning

Notable Projects

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- Lord Magan of Castletown Residence, Island of Mustique, St. Vincent and the Grenadines

John Thompson & Partners LLP (“JTP”); London, UK

A UK-based multi-disciplinary firm focusing on sustainable master planning and public consultation

Lead Urban Designer [July 2007 – November 2008]

- Responsible for client, stakeholder and consultant day to day interface on all matters of design, analysis, proposal and coordination
- Managed team of urban and graphic designers, including architectural assistants
- Coordinated graphic designers and multiple consultants
- Conducted existing urban fabric and character areas assessment and precedent research (developing proposals for opportunity sites linked to city-wide development, proposed conservation areas and new height strategies)
- Produced Regeneration guidelines and planning documents, organised Public Forums, presentations, exhibitions and community consultation events
- Created hand-drawn vignettes and axonometric drawings of proposals and existing conditions, undertaking character and conservation analyses
- Delivered projects for a variety of public & private clients

Notable Projects

- The Liberties Regeneration Local Area Plan, Thomas Street Conservation Area and Liberties Master Plan & Vision, Dublin, Ireland
- MegaGorod Eco-Satellite Town Master Plan, Moscow, Russia
- Coombes Farm urban extension master plan, Rochford, Essex, England
- Rowner Renewal urban regeneration framework, Gosport, Hampshire, England

PRP Architects, London UK & New York, NY, U.S.A.

A UK-based multi-disciplinary firm focusing on sustainable architecture and master planning

Urban Designer /Architectural Assistant [October 2005 – July 2007]

- Responsible for assisting with the design of master plans, residential and mixed-use schemes incorporating sustainable design
- Undertook urban design analysis and building design, sustainable design research
- Coordinated bid proposals
- Undertook detailed feasibility studies & study of high density housing models in the U.S.A.

Notable Projects

- Wembley Park residential & student accommodation design, London, England
- Stanhope PFI master plan and residential architectural design, Ashford, Kent, England
- Camp Hill Regeneration Phase IV, Nuneaton, Warwickshire, England
- Virginia Water Transport Interchange master plan and mixed-use design, Surrey, England

UNITED STATES WORK EXPERIENCE

Ike Kligerman Barkley Architects PC (“IKBA”), New York, NY, USA

A USA-Based architectural firm specializing in high-end, single family homes and conservation

Intern Architect [November 2005 – February 2006] Fixed term contract

ASA Architects (formerly IAG, Inc.), Newark, NJ, USA

An architectural firm specializing in residential, mixed-use, commercial and institutional projects

Intern Architect [October 2002 – October 2004]

Michael Molinelli Architects, Scarborough, NY, USA

A USA-Based architectural firm specializing in residential, institutional, religious and healthcare projects

Intern Architect [March 2002 – October 2002] Fixed term contract

Stuart Mut Architects, Dallas, TX, USA

A USA-Based architecture firm specializing in high-end, single-family homes and conservation projects

Intern [January 1998 – December 2001] Part time internship during undergraduate study

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Realworld Projects, Dallas, TX, USA

A USA-Based architecture firm specializing in high-end, single-family homes and conservation projects

CAD Draftsman [Summer – Fall 1997] Part time internship during undergraduate study

KNOWLEDGE/ACCOMPLISHMENTS

Skills:

- Resourceful to team and individual projects – Taking on multiple tasks across multiple projects
- Flexible and adaptable to work in-office, on-site and in engaging with clients and public
- Excellent leadership, team and interpersonal skills including client, consultant and public relations
- Award-winning design and hand drawing/sketching skills; Teaching, lecturing & mentoring
- Currently applying and preparing for full professional RTPI membership
- Detail-oriented, numerous skills/knowledge regarding heritage architecture, urban design/master planning
- Project management, resourcing, technical staff management and leadership, consultant coordination, marketing efforts including bid/tender preparation, proposal writing, fee forecasting and planning

Languages:

- Native English speaker. Advanced German, Intermediate Spanish & Basic Russian

Nationality:

- Dual United States & United Kingdom Citizenship

Expertise:

- Award-winning freehand drawing, rendering & sketching
- Urban Design & master planning
- Sketch Up
- Strategic & regional planning
- Architectural & streetscape design & master planning
- Transport Planning
- Project Management/Resource Planning
- Photography, oil painting & sculpture
- Adobe Creative Suite (InDesign/Illustrator/Photoshop)
- AutoCAD versions 11 - 2011
- Microstation 2009
- Vision Project Management Software
- Design team management
- Client & consultant liaison & coordination

HIGHER EDUCATION

University of Westminster; London, UK

School of Architecture and the Built Environment

Candidate for Doctor of Philosophy in Architecture & Built Environment Studies [2016 – 2022 expected]

- Thesis: Flooding in post-colonial SE Asian cities and influences on urban development patterns and block typologies: Focus on Jakarta

University of Westminster; London, UK

School of Architecture and the Built Environment

Master of Arts (with Merit) in International Planning & Sustainable Development [2009-2011]

- RTPI-accredited urban planning and design course focusing on comparative planning models and systems, strategic and sustainable urban design and master planning
- Thesis: The Role of Potsdamer Platz and Leipziger Platz in the Reconnecting of Post-Reunification Berlin

Architectural Association; London, UK

Architectural Association Graduate School

Master of Arts in Housing & Urbanism (Architecture and Urban Design) [2004-2005]

- A multi-disciplinary theoretical and design approach to architecture and urban design studies: Incubators, urban design, urban history and theory, clustering, density & intensity, the growth
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of irregular settlements in developing world contexts.

- International workshops/charrettes in Shanghai, China and Barcelona, Spain
- Research undertaken in Lisbon, Portugal
- Thesis: The Role of housing as a major component of long-term sustainability for communities in post-industrial urban waterfront developments

University of Texas at Arlington; Arlington, Texas, USA

School of Architecture and Landscape Design

Bachelor of Science in Architecture/Minor in German Studies [1996-2001]

- Final Studio: Archaeological Museum and Learning Centre; Masada, Israel
- Rome Study Abroad Programme – Rome, Florence & Verona, Italy 2000

AWARDS

- Lectureship in International Planning with fully funded PhD studies, awarded by the Department for Planning & Transport, University of Westminster, July 2015
- Pluit City Master Plan, MIPIM Asia Awards – Best Futura Mega Project, 2014 (SOM project)
- Son Tra Peninsula Strategic Vision Plan, Institute for Regional & Urban Design, American Institute of Architects, 2014 (SOM project)
- Ken Roberts Memorial Delineation Competition: 'Honor Award' for *Rome and Italy Sketches*, Awarded by the American Institute of Architects, Dallas, Texas Chapter, October 2000

PERSONAL DEVELOPMENT

New York Institute of Technology: Department of Architecture, New York, NY [2004 - 2006]

Visiting Critic

- Guest critic for urban design studios on Bachelor of Architecture professional programme

Gwen Morris House Residents Association [2008 - 2012]

Vice Chair

- Volunteer position planning & facilitating resident and tenant meetings with the management trust while serving on the elected board as a leaseholder representative

PROFESSIONAL AFFILIATIONS

- Licentiate member of the Royal Town Planning Institute (RTPI), 2012 – Present
- Member of the Urban Design Group (UDG), 2006 – 2008; 2010 – 2014
- Alumni member of the Architectural Association, 2005 – Present

LECTURES

- Sustainable development case studies: Vauxhall Nine Elms Battersea Opportunity Area, London, MA Urban Design, MA Regional & Urban Planning and MA International Planning & Sustainable Development postgraduate courses, University of Westminster, 2015
- Urban mapping, University of Westminster, BSc Property & Planning undergraduate course, University of Westminster, 2015
- Mega cities: Jakarta, MA International Planning & Sustainable Development postgraduate course, University of Westminster, 2012 – 2015,
- Planning Policy Case Studies on urban amenity space, high density & tall building development and strategic planning in cities, BSc Property & Planning undergraduate course, University of Westminster, 2014 & 2015
- Urban historical development of Lisbon, MA International Planning & Sustainable Development postgraduate course, University of Westminster, 2014 & 2015
- Urban historical development of Lisbon, Portugal, John Thompson & Partners, LLP, 2007
- Urban historical development of St. Petersburg, Russia, John Thompson & Partners, LLP, 2008
- Camp Hill Phase IV regeneration framework, Nuneaton, England, PRP Architects, 2007

REFERENCES, PORTFOLIO & WORK SAMPLES

- Available upon request
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