
AMIRA OMER SIDDIG OSMAN



Amira Omer Siddig Osman is a Sudanese/South African architect/lecturer/researcher. She is currently a professor in architecture at the Tshwane University of Technology.

Amira studied at the University of Khartoum in Sudan in 1988 (B.Sc.) and 1996 (M.Sc.). In between the two she also studied at the Institute for Housing Studies in Rotterdam (IHS) in 1992 where she obtained a post-graduate diploma. She completed her PhD in Architecture at the University of Pretoria in 2004.

She worked as an architect in Khartoum during the period 1988-1997 with various practices on small and large projects and was a United Nations Volunteer (UNV) in Maseru, Lesotho 1997-1998, as an architect with the Department of Public Works. She practiced as an architect in the Sudan and has participated in a number of projects in South Africa including a hostel upgrade and designs for social housing in Pretoria. Amira is a registered Professional Architect with the South African Council for the Architectural Profession (SACAP) and while her focus is academic and research-oriented, she continues to practice on a small scale.

Amira taught at a number of institutions for about 30 years in total, with 10 years at the University of Khartoum, 11 years at the University of Pretoria and 5 years at the University of Johannesburg. She established the Housing and Urban Environments (HUE_UP) research field at the University of Pretoria and at the University of Johannesburg. She also established UJ's research and academic UNIT 2 "Architecture and Agency: DESIGN | MAKE | TRANSFORM" in 2015. Amira taught Housing and Urban Policy at BTECH level during the period 2016-2017. She has previously worked as a Senior Researcher at the Council for Scientific and Industrial Research (CSIR) in Pretoria (2010-2012).

Amira was one of the conference conveners for the World Congress on Housing in 2005 at the University of Pretoria and the convener of the Sustainable Human(e) Settlements: the urban challenge, 2012, hosted by FADA, University of Johannesburg and its partners. She also served as UIA 2014 Durban General Reporter for the International Union of Architects (UIA) and the South African Institute of Architects (SAIA).

AMIRA OMER SIDDIG OSMAN

CURRICULUM VITAE

<i>Surname:</i>	Osman	<i>ID Number:</i>	6708281156085	<i>Direct Telephone:</i>	083 287 4006
<i>First names:</i>	Amira Omer Siddig	<i>Marital Status:</i>	Married	<i>E-mail:</i>	OsmanAOS@tut.ac.za
<i>Title:</i>	Prof	<i>Population Group:</i>	African		arammimar@gmail.com
<i>Gender:</i>	Female	<i>Citizenship:</i>	South African	<i>Website:</i>	www.amiraosman.co.za
<i>Place of Birth:</i>	Omdurman, Sudan	<i>Languages:</i>	Arabic, English		

SCIENTIFIC/SCHOLARLY RECOGNITION

NRF

South African National Research Foundation (NRF) rated researcher (C rating)

Awarded the SAIA President's Award for Meritorious Achievement 2014 for role played in UIA 2014 Durban; Presented at the Durban ICC as part of the SAIA Merit Awards 2014.

ACADEMIC QUALIFICATIONS

EDUCATION

<i>Degree / Diploma</i>	<i>Field</i>	<i>Institution</i>	<i>Year</i>	<i>Distinction</i>
<u>Ph.D.</u>	Architecture	University of Pretoria, South Africa <i>Space, place and meaning in northern riverain Sudan.</i>	2004	Neill Powell Award for best completed doctorate
<u>M.Sc.</u>	Architecture	University of Khartoum, Sudan <i>Design Methodology in Architectural Education: The Case of Khartoum University. This comprised an extensive literature review followed by a study of the existing situation at Khartoum University through observation, interviews and questionnaires. The results facilitated the outlining of practical proposals.</i>	1996	
<u>Post - Graduate Diploma</u>	Housing	Institute for Housing and Urban Development Studies (IHS), The Netherlands <i>Ishash Fellata: Relocation Decision 1990. Proposals were made in terms of management of the project, planning, design and service provision.</i>	1992	
<u>B.Sc.</u>	Architecture	University of Khartoum, Sudan <i>The Faculty of Arts, University of Sudan</i>	1988	
<u>Diploma</u>	Graphic Design	College of Fine and Applied Art (Further Education), Sudan University, Sudan	1990	Honours 2nd Class; Engineering Society Prize for Best Thesis Project 1988; Shell Company Prize for Best Overall Performance 1985; Khartoum University Prize for Best Overall Performance 1985
<u>Diploma</u>	Painting	College of Fine and Applied Art (Further Education), Sudan University, Sudan	1989	
<u>Certificate</u>	Construction Technology	Arab Contractors, Cairo, Egypt	1987	

WORK EXPERIENCE

EMPLOYMENT

<i>Employer / Client</i>	<i>Capacity and/or type of work</i>	<i>Period / Project status</i>
Department of Architecture, Faculty of Arts, Design and Architecture (FADA), University of Johannesburg	Associate Professor	Since April 2012 till present. I took a year of unpaid leave during the period 08/2013-09/2014 – See below
International Union of Architects/UIA 2014 Durban and the South African Institute of Architects (SAIA)	General Reporter and Head of Scientific Committee	Part time 04/2010-07/2013 Full time 08/2013-09/2014
Council for Scientific and Industrial Research, CSIR Built Environment Unit, Built Environment Unit, Planning Support Systems (PSS) Competency Area	Senior Researcher	January 2010 - March 2012
Department of Architecture, University of Pretoria	Senior Lecturer	June 2006 - December 2009
	<p><i>My responsibilities included: First year studio coordinator QNT100; Third year studio coordinator QNT300; Design with a focus on design methods and basic design; Theory of Design with a focus on design methodology OML 120 – Design with a focus on community oriented projects and housing; Design with a focus on sustainability issues; Design theory, Housing and Open Building Principles OML 310; African History OMG310; ran a Housing Elective for the 4th years and then the Honours programme for six years; I was head of the Housing and Urban Environments (H-UE) Research Field at the Department of Architecture, University of Pretoria http://h-ue.co.za; ran a research project titled: Cultural and technological transfer in partnership with locally-based, small, scale industries in Mamelodi and Nellmapius, Pretoria. This project was funded by the UP RDP Programme as well as the Thuthuka NRF Women in Research Programme; co-ordinated a NRF-funded student project documenting residential buildings in Sunnyside, central Pretoria and Pretoria West in partnership with Marianne De Klerk the project was funded by the University of Pretoria Glue funding;</i></p>	
Department of Architecture, University of Pretoria	Lecturer (see above responsibilities)	June 1998- June 2006
Centre for Housing and Land Development, University of Pretoria	Architect, various housing projects	March 2000-January 2001
	<p><i>2000-2001, Job architect in various projects with the Centre for Housing and Land Development, University of Pretoria including</i></p> <ol style="list-style-type: none"> <i>1. Kempton Park - Tembisa, Metropolitan Council, Urban design and housing design (range of typologies): Sethokha Hostels upgrade</i> <i>2. COPE, Johannesburg, Sketch design and report: Community Centre at the Cope Urban Village in Newtown, Johannesburg Initial analysis and design</i> <i>3. Yeast City Housing/ Pretoria Community Ministries, Brief development and design: Jubilee House, Yeast Inner City Housing, initial studies, community consultation and design in partnership with Paul Munting Architects</i> <i>4. Wesley Trust, Brief development and preliminary sketch design: Living Stones, Wesley Housing Project, initial analysis and sketch design in partnership with Paul Munting Architects</i> <i>5. Kliptown Community Trust, Co-ordination of student project and design: Bolo's Children's Centre, Kliptown (as a volunteer)</i> <i>6. Remmogo Park Directors, Preliminary analysis: Remmogo Community Park, Garankuwa (as a volunteer)</i> 	
Aziz Tayoub Architect, Laudium, Pretoria	Architect	March 1999-May 1999
	<p><i>Worked on a part-time basis with Aziz Tayoub Architects in Laudium, Pretoria; assisted in the design and supervision of a religious complex in Laudium.</i></p>	

WORK EXPERIENCE

EMPLOYMENT

<i>Employer / Client</i>	<i>Capacity and/or type of work</i>	<i>Period / Project status</i>
OSAC Architectural Consultants, Khartoum, Sudan	Architect <i>Responsibilities included: 1988-1996, Numerous residential and small buildings in collaboration with OSAC or other offices in Khartoum or independently. Job architect or assistant architect: El Bakri residential flats, private houses in various Khartoum suburbs; 1989, A joint venture sponsored by the Ministry of Housing and the Sudanese Development Corporation, for which OSAC were consultants. Pilot project Low-Cost Housing Complex, Khartoum, with OSAC Architectural Consultants.</i>	October 1988-May 1997
Khartoum University Design Team, Khartoum, Sudan	Architect in training, Department of Architecture Building and ElFatih University of Darfur	March 1988-August 1988
	1992-1994, ElFatih University of Darfur (Western Sudan), Member of the Khartoum University Design Team headed by Professor Omer ELAgra; 1988, University of Khartoum. Department of Architecture Building University of Khartoum Training under the supervision of Architect George Kost	February 1992-April 1994
United Nations Development Programme UNDP, Maseru, Lesotho	United Nations Volunteer UNV/Architect, Department of Building Design Services, Ministry of Public Works, Maseru, Lesotho <i>Responsibilities included the design of government projects as well as the training of architectural technicians and assistants. Involvement in two major design projects. Also involved in studies for the renovation of some government buildings. Also acted as Job Architect for a Kindergarten for the Green Crescent Islamic Daawa Association and the re-planning of the UN clinic in the UNDP building in Maseru.</i>	June 1997-May 1998
Khartoum University	Teaching Assistant <i>Responsibilities included the running of the first year studio, teaching basic design, design methodology and design theory as well as housing</i>	1988-1997
Various private educational institutions on Khartoum	Part Time Lecturer	1988-1997

RESEARCH PROJECTS

TEAMWORK AND COLLABORATION

- 2012, SHiFT (part of an invited panel), Urban design review for YCH
 - 2012, The Department of Human Settlements, A research paper on the Institutional Housing Subsidy
 - 2010, Mogale City (Krugersdorp), Urban Design Framework; Consulting on Housing for Madi Architects
 - April 2009, National Department of Housing, Project leader. A study on Breaking New Ground and Social Housing, via BE@UP. Team members: Jacus Pienaar, Lutske Newton Reid, Catherine Karusseit, Raymund Konig
 - June 2007, European Union (European Programme for Reconstruction and Development (ERRD) on a project to provide support to selected Social Housing Institutions. Support programme for local housing;
- The architectural component: A critique of 4 projects: The Johannesburg Housing Company (JOSHCO); Compiled by: Amira Osman, Architect (Research leader); Clinton Hinds, Landscape Architecture Input; Nicholas Clarke, Technical Input)
- September 2006, The Ekurhuleni Metropolitan Council, the Social Housing Foundation, The Development Bank of South Africa, The French Development Agency and the Gauteng Partnership Fund, Market Survey Demand for Social Housing in Ekurhuleni Metropolitan; Consortium: GAUGE working in association with the University of Pretoria and Reid Management Consulting Services; Amira Osman (Consultant)

RESEARCH OUTPUTS

PUBLICATIONS IN PEER-REVIEWED OR REFEREED JOURNALS

- 1.** Osman, A., Toffa, T, T., 2016, South African housing: constraints on sustainable building transformation, *International Journal for Housing Science IAHS*, Vol. 40, Number 4. Pages 223- 242. ISSN-0146-6518.
- 2.** Osman, O.S., Osman, A., Bahreldin, I., 2011, Architecture in Sudan: The Post-Independence Era (1956–1970); The Work of Abdel Moneim Mustafa. *Docomomo*, 44 Summer 2011, ISSN 1380-3204.
- 3.** Gottsmann, D and Osman, A. 2011 Environments of change: an Open Building approach towards a design solution for an informal settlement in Mamelodi, South Africa, *Open House International*, Volume 37. ISSN 0168-2601 page 71-82
- 4.** Osman, A. and Sebake, N., 2010, “Time” as a key factor in design and technical decision-making: concepts of accessibility, affordability, participation, choice, variety and change in the South African housing sector, *Technology Indaba, Human Settlements Review*, Volume 1, No 1, September 2010, ISBN 978-0-621- 39733-8
- 5.** Osman, A. and Konigk, R., 2009, Educating for Flexibility, explorations into housing and urban environments in South Africa, *Architecture SA* March/April 2009
- 6.** Osman, A., 2008, Space, place and meaning in northern riverain Sudan: the determinants of house form and layout. *Journal for the International Association for Housing Science*, Florida, USA. Volume 29 no 3; ISSN 0146-6518. p. 245-255.
- 7.** Osman, A and Karusseit, C., 2007, *Designing for Diversity in South Africa: Opportunities in Open Building and Inclusive Design*, published, AEA Informs, February-April 2007, Association AEA Abitari e anziani.
- 8.** Osman, A. 2005, *Open Building Principles in South Africa: An academic exploration in Soshanguve*, Pretoria. *Open House International*. May 2005. Vol. 30, No1, March 2005, ISSN 0168-2601. p. 71-80.
- 9.** Osman, A. and Hindes, C. 2005, Housing design, urban design and multi-layered environments. *Architecture South Africa*, Nov/Dec. 2005.
- 10.** Osman, O.S., Osman, A., Bahreldin, I. 2005, The modern heritage of Khartoum. *Docomomo*. March 2005. No 32. ISSN 1380-3204. p. 68-71
- 11.** Osman, A, 1997, Why Architecture? The Role of Architects in Developing Countries *Horizon DAT*, Journal of the Department of Architecture, Jomo-Kenyatta University of Agriculture and Technology, June 1997, Volume 1, Number 1, p. 7-9

RESEARCH OUTPUTS

BOOKS AND/OR CHAPTERS IN BOOKS

- 1.** Osman, O.S., Osman, A., Ibrahim, I., 2017, *The Sudan in African Architecture*, by DOM Publishers, Berlin, in process.
- 2.** Osman, A., 2017, Community engagement, catalysts in the built environment and reflections on teaching architecture with a focus on housing design, in *Educating citizen designers in South Africa*, Editors Elmarie Costandius and Herman Botes (in process – near completed)
- 3.** Osman, A., 2017, *UJ_UNIT2 2015: ARCHITECTURE AND AGENCY; DESIGN | MAKE | TRANSFORM*; Editor: Amira Osman; ISBN 978-0-620-73562-9; Publisher: Department of Architecture, Faculty of Arts, Design and Architecture, University of Johannesburg (in process – near completed)
- 4.** Osman, A. and de Klerk, M. (Editors), 2009, *OUTCOMES*, Design Masterclass 09, H-UE, Department of Architecture, University of Pretoria, A publication of H-UE and the Social Housing Focus Trust (SHiFT), ISBN 978-1-86854-776-0.
- 5.** Osman, A. (Editor), 2009, *HONS 2008 BOOK*, A publication of the Housing and Urban Environments Research Field, University of Pretoria, H-UE. ISBN 978-1-86854-775-3. Funded by the University of Pretoria and the NRF.
- 6.** Osman, A. (Editor), *HONS 2009 BOOK*, A publication of the Housing and Urban Environments Research Field, University of Pretoria, H-UE. ISBN 978-1-86854-778-4. Funded by the University of Pretoria and the NRF. A publication of the Housing and Urban Environments Research Field, H-UE, Department of Contribution Architecture, University of Pretoria
- 7.** Osman, A. 2016, *Magic, religion and climate change: understanding transformations in space and built form in northern Sudan* in Prinsloo, J. 2016 (Editor), *Liber Amicorum for Schalk W. Leroux*
- 8.** Selection panel and Contributor 10 years + 100 buildings Architecture in a democratic South Africa, convened and edited Ora Joubert, 2009. Bell-Roberts Publishing. Page 111. ISBN 978-9814200-3-5
- 9.** African CBD Workshop, Durban, South Africa. 25-30 April 2000: Greater Khartoum, Sudan.
- 10.** *UJ_UNIT2 2015, Architecture and Agency*, ISBN 978-0-620-73562-9
- 11.** 2016 National Human Settlements Conference Proceedings, ISBN 978-0-620-72404-3

RESEARCH OUTPUTS

PUBLISHED PEER-REVIEWED FULL-LENGTH

CONFERENCE PAPERS

- 1.** Osman, A., and van der Schaar, M., 2016, Beyond gentrification? Exploring the possibilities of inclusive transformation in inner city Johannesburg “Sustainable future cities and human settlements begin today”. National Human Settlements conference (2016), 5-7 October 2016, North Campus, Nelson Mandela Metropolitan University (NMMU), Port Elizabeth, South Africa (in process – near complete)
- 2.** Toffa, T.; Osman, A.; Bennett, J., 2015, Architecture and agency: ethics and accountability in teaching through the application of Open Building principles, 7th International DEFSA Conference, Ethics and accountability in design: do they matter? ISBN 978-1-77012-137-9. Pages 287-303
- 3.** Osman, A.; Bennet, J.; Toffa, T., 2015, South African housing: constraints on sustainable building transformation, The Future of Open Building, ETH Zurich 2015
- 4.** Osman, A. and Bennett, J. 2014, People And Projects: The Importance Of Catalysts In Teaching Community Architecture In South Africa, UIA 2014 Durban Congress Proceedings; Editors: Amira Osman, Gerhard Bruyns, Clinton Aigbavboa; Publisher UIA 2014 Durban ©UIA 2014 Durban; ISBN 978-0-86970-783-8; Pages 1442-1452
- 5.** Osman, A., 2014, Time-based design approaches for Informal Settlement Upgrading in South Africa Amira Osman; UIA 2014 Durban Congress Proceedings; Editors: Amira Osman, Gerhard Bruyns, Clinton Aigbavboa; Publisher UIA 2014 Durban ©UIA 2014 Durban; ISBN 978-0-86970-783-8; Pages 984- 996
- 6.** Osman, A., Sebake, A., Arvanitakis, D. 2013, A vision for sustainable human(e) settlements in South Africa: ‘base building’ infrastructure for mixed residential developments, 2nd International Conference on Infrastructure Development in Africa (ICIDA 2013), Johannesburg, South Africa, 17-19 March 2013. Pages 417-626.
- 7.** Osman, A. and Bennett, J., 2013, Critical engagement in informal settlements: lessons from the South African experience, 19th CIB World Building Congress, Brisbane 2013: Construction And Society. ISBN 9780987554208.
- 8.** Masebe, G. and Osman, A., 2012, Ecological sanitation in urban South Africa: socio-cultural, design and operational challenges of UDD toilets and the impact of users’ perceptions, 4th international dry toilet conference.
- 9.** Osman, A. and AbdAllah, A. 2011, Social rental housing: the South African experience and its relevance for the Sudanese context, presented on our behalf by Happy Santosa, CIB W110 Informal Settlements and Affordable Housing, Meeting and Conference, 21-22 January 2011, Duta Wacana Christian University, Yogyakarta, Indonesia.
- 10.** Osman, A. and AbdAllah, A. 2011, Residential OB in SA, Open Building Conference, Boston, November 2011 Rental Housing in SA and Sudan, Informal Settlements and Affordable Housing, Boston, November 2011
- 11.** Osman, A., 2011, An adaptability assessment tool (AAT) for sustainable building transformation: towards an alternative approach to residential architecture in SA, Architecture in the Fourth Dimension: methods and practice for a sustainable building stock, Boston, November 2011
- 12.** Osman, A. 2010, Residential dynamics: the co-existence of formal and informal systems in Khartoum, Sudan, CIB W110 Informal Settlements and Affordable Housing, CIB congress May, 2010, Salford Quays, Manchester, UK
- 13.** Gottsmann, D. and Osman, A., 2010, Environments of change: a design solution for an informal settlement in Mamelodi, South Africa, D., CIB W110 Informal Settlements and Affordable Housing, CIB congress May, 2010, Salford Quays, Manchester, UK
- 14.** Osman, A. and Herthogs, P. 2010, Medium Density Mixed Housing: sustainable design and construction of South African Social Housing, with Herthogs, P., CSIR Conference, Science Real and Relevant, September 2010
- 15.** Osman, A. and Karusseit, C. 2008, Practice and education: housing and urban environments in south Africa, Architects’ Third Scientific Conference on Urban Housing in Sudan, January 15-17, 2008, Khartoum, Sudan
- 16.** Osman, A. and Konigk, 2008, Informality in South Africa and Educating for Flexibility Ball State University, CIB conference (W104 Open Building Implementation and W110 Informality and Affordable Housing working commissions), 2008
- 17.** Osman, A. and Karusseit, C. 2007, Designing for Diversity in South Africa: Opportunities in Open Building and Inclusive Design, CIB International Conference, Cape Town. May 2007.
- 18.** Osman, A., 2006, Adaptable residential architecture in South Africa: exploring the possibilities of technological and cultural transfer in partnership with small-scale, local industries in Mamelodi, Pretoria, Adaptables2006, TU/e, International Conference On Adaptable Building Structures, Eindhoven The Netherlands 03 - 05 July 2006
- 19.** Peeters, N. and Osman, A., 2005, Generating an Improved Quality of Informal Housing, Mamelodi, South Africa. 33rd World Congress on Housing, Pretoria, September 2005. Generating an Improved Quality of Informal Housing, Mamelodi, South Africa.

RESEARCH OUTPUTS

PUBLISHED PEER-REVIEWED FULL-LENGTH

CONFERENCE PAPERS

- 20.** Peeters, N. and Osman, A., 2005, Generating an Improved Quality of Informal Housing, Mamelodi, South Africa. CIB Conference and Meeting on Informal Settlements and Affordable Housing, Surabaya, Indonesia, November, 2005
- 21.** Osman, A and Lemmer, C. 2004, 10th International Conference on Open Building and Sustainable Development. Paris Open Building Principles in South Africa: An academic exploration in Soshanguve, Pretoria.
- 22.** Osman, A. 2003, Space, place and meaning in northern riverain Sudan Focus on the determinants of house form and layout. World Congress on Housing, Montreal, June 2003.
- 23.** Osman, A. and Lemmer, C. 2002 Architecture and Housing: Changing Perceptions in the New South Africa. The Case of Pretoria University. World Congress on Housing, Coimbra, Portugal, September 2002
- 24.** Osman, A., 1999, Moving beyond policies to actions: Environmentally-friendly development in Africa. Energy and Environment: Africa Development in Port Elizabeth, South Africa, 4-6 August 1999
- 25.** Osman, A. 1999, Sites of Recovery: architecture's [inter]-disciplinary role. 4th International Other Connections Conference. Beirut, Lebanon, 25- 28 October 1999: Thoughts on the Role of Architects in Two African Contexts.
- 26.** Osman, A., 1996, Environmentally-Friendly Development: a proposed strategy for Architects and planners in the Khartoum region. 2nd All-Africa Seminar, Nairobi, July 1996
- 27.** Osman, A., 1996, A personal Conception of Architectural Practice in Africa. 2nd All-Africa Seminar, Nairobi, July 1996
- 28.** Osman, A., 1995, Curricula and Methods: Architectural Education in the African Context. 1st All-Africa Seminar on Architecture and Planning in the 21st Century, the challenge of our time, Jomo-kenyatta University, Nairobi March 1995
- 29.** Osman, A., 1995, Why Architecture? The Role of Architects in Developing Countries. 1st All-Africa Seminar on Architecture and Planning in the 21st Century, the challenge of our time, Jomo-kenyatta University, Nairobi March 1995
- 30.** Osman, A. & Musonda, I., 2017, "Community" as the basic architectural unit: rethinking research and practice towards a decolonised education, #Decolonise!: DEFSA 14th National Conference Proceedings, PP 224-233, ISBN 978-0-620-78459-7
- 31.** Osman, A. & van der Schaar, M., 2018, Beyond gentrification? Exploring the possibilities of inclusive transformation in inner city Johannesburg, 2016 National Human Settlements Conference Proceedings, pp 7-15, ISBN 978-0-620-72404-3

RESEARCH OUTPUTS

NON-REFEREED PUBLICATIONS

OR POPULAR ARTICLES/BLOGS

- 1.** Osman, 2016, Development or Lost Heritage? <http://www.archh.com/blogs/116/development-or-lost-heritage/>
- 2.** Osman, A., 2016, International Union of Architects (UIA), Durban 2014, KwaZulu Natal Institute of Architects KZNIA Journal, 2016, Issue 2/2016; Volume 41; ISSN 0379 9301. http://kznia-journal.org.za/sites/default/files/KZNIA_Journal_2_2016.pdf
- 3.** Osman, A., 2016, The reflective "professor of protest": architecture, space and the built environment, <http://amiraosman.co.za/2016/12/14/the-reflective-professor-of-protest-architecture-space-and-the-built-environment/>
- 4.** Osman, A., 2016, Reflections on UJ_UNIT2 2015: Architecture and Agency. http://amiraosman.co.za/2016/10/29/reflections-on-uj_unit2-2015-architecture-and-agency/
- 5.** Osman, A. and AbdAllah, M. 2016, Khartoum Sudan protest and the KPP5 stage 1 dissemination. <http://amiraosman.co.za/2016/08/10/khartoum-sudan-protest-and-the-kpp5-stage-1-dissemination/>
- 6.** Osman, A. and AbdAllah, M. 2016, KPP5 dissemination Arabic version, <http://amiraosman.co.za/2016/09/19/kpp5-dissemination-arabic-version/>
- 7.** Osman, A., 2016, The OSAC archives, <http://amiraosman.co.za/2016/10/29/the-osac-archives/>
- 8.** Osman, A., 2016, [Two Suns] SHAMSAAN, <http://amiraosman.co.za/2016/12/20/two-suns-shamsaan-the-stories-of-palestinian-children/>
- 9.** Osman, A. and AbdAllah, M. 2016, Sudan student protests show how much city planning and design matter, he Conversation, Edition: Africa, Education; May 5, 2016 11.04am SAST. <https://theconversation.com/sudan-student-protests-show-how-much-city-planning-and-design-matter-58877>
- 10.** Osman, A., 2015, What architects must learn from South African student protests, The Conversation, Edition: Africa, November 23, 2015 6.38am SAST, <https://theconversation.com/what-architects-must-learn-from-south-african-student-protests-50678>

RESEARCH OUTPUTS

NON-REFEREED PUBLICATIONS OR POPULAR ARTICLES/BLOGS

- 11.** Osman, A., 2015, The future of open building debated at ETH Zurich: controversies, partnerships and terminologies, <http://uj-unit2.co.za/eth-zurich-september-2015-the-future-of-open-building-conference/>
- 12.** Osman, A., 2015, A UJ/STAND-UJ_UNIT2 Workshop: socially-engaged pedagogies in art and design education, http://uj-unit2.co.za/ajstand-uj_unit2-workshop-socially-engaged-pedagogies-in-art-and-design-education/
- 13.** Osman, A., 2015, UJ_UNIT2 2015 Semester 1 exhibition @ bjala square, Jeppestown, http://uj-unit2.co.za/uj_unit2-2015-semester-1-exhibition-bjala-square-jeppestown/
- 14.** Osman, A., 2015, UJ_UNIT2 Open building intensive with Prof Kendall: applications in Denver, Johannesburg, http://uj-unit2.co.za/uj_unit2-building-intensive-with-prof-kendall-applications-in-denver-johannesburg/
- 15.** Osman, A., 2015, Open building versus architecture or open building as architecture? <http://uj-unit2.co.za/open-building-versus-architecture-or-open-building-as-architecture/>
- 16.** Osman, A., 2015, Alejandra Aravena, Pritzker 2016 and some reflections from a residential open building perspective, <http://uj-unit2.co.za/alejandra-aravena-pritzker-2016-and-some-reflections-from-a-residential-open-building-perspective/>
- 17.** Osman, A., 2015, The controversy around Zaha, <http://uj-unit2.co.za/thecontroversy-aroundzaha/>
- 18.** Osman, A., 2015, Meaning and relevance in architecture, <http://www.archh.com/blogs/54/meaning-and-relevance-in-architecture/>
- 19.** Osman, A., 2014, UIA 2014 Durban, South African Institute of Architects (SAIA) journal, Invited contribution.
- 20.** Osman, A., 2014, EXPERIENCING UIA 2014 FIRST-HAND QUOTES FROM THE CONGRESS, Journal of the South African Institute of Architects, Issue 70; Nov-Dec 2014, http://saia.org.za/wp-content/uploads/2015/02/ASA-Edition70_LR.pdf
- 21.** Osman, A., 2014, UJ UNIT SYSTEM AFRICA LAUNCH 2014: ARCHITECTURE + AGENCY : DESIGN | MAKE | TRANSFORM (Osman, Bennett, Toffa), <http://uj-unit2.co.za/proin-vel-mauris-diam/>
- 22.** Osman, A., 2010, Housing and Architecture, AZA 2010 Architectural Mega-event, Magazine article
- 23.** Osman, A. 2007, Cultural and technological transfer in partnership with small-scale, local industries in Mamelodi and Nellmapius, Pretoria, Innovate, EBIT UP, Issue 2, 2007.
- 24.** Osman, A. 2004, First Holcim Workshop on Basic Needs, ETH, Zurich, September 2004. Statement: Common Housing, Gated Communities.
- 25.** Osman, A. 2003, Article prepared for web forum as part of the project Urban Life: Housing in the Contemporary City organized by the New York League of Architects, May 2003. (By invitation). Response to article by Gwendolyn Wright: Living in the City, www.urbanlifehousing.org
- 26.** Osman, 2000, Greater Khartoum, Sudan, African CBD Workshop, Durban, South Africa. 25-30 April 2000
- 27.** Osman, A., 2017, South Africa urgently needs to rethink its approach to housing, The Conversation, June 4, 2017, available at <https://theconversation.com/south-africa-urgently-needs-to-rethink-its-approach-to-housing-78628>, (republished in Mail and Guardian, EWN, SABC, The Citizen, Joburg Post, Flipboard, allAfrica, CNBC)

RESEARCH OUTPUTS

TECHNICAL REPORTS/ EXHIBITION CONTRIBUTIONS

- 1.** Osman, A. 2016, The Sudan in Housing finance in Africa: a review of some of Africa's housing markets, Centre for Affordable Housing Finance in Africa CAHF, http://www.housingfinanceafrica.org/wp-content/uploads/2016/09/CAHF_Housing-Finance-in-Africa- Yearbook-2016.09.pdf
- 2.** Osman, O.S., Osman, A., Bahreldin, I., 2014, Modernism In The Sudan for Modernism in the Arab World: Bahrain's Pavilion at the Venice Biennale 2014.
- 3.** Osman, A. et al., 2010, South African Institute of Architects, awards for excellence and awards for merit 2009-2010, CTP Books, SAIA
- 4.** Osman, A., 2001-2002, Sudan Heritage at Risk, ICOMOS Heritage@ Risk Report 2001/02, ICOMOS World Report 2001/2002 On Monuments and Sites in Dander, Editors Dinu Bambaru, Sheridan Burke, Jane Harrington, Michael Petzet, John Ziesemer. K.G.Saur, München 2001. ISBN 3-598- 24241-7. p. 179-180
- 5.** Contributor to chapter: The Social Walls of 'Gated Communities' in the book 'Forum, Common Housing, Gated Communities'. First forum on sustainable construction at ETH, Zurich, September 2004. ISBN 37266 00 69 8, p. 150-155.
- 6.** South African Institute of Architects, Awards for Excellence and Awards for Merit 2009-10, Jury report published, ISBN: 978-0-620-42146-1, CTP Books

RESEARCH-BASED CONTRIBUTIONS

KEYNOTE ADDRESSES

1. Osman, A., 2017, Facilitating experimentation in infrastructure delivery through innovative “open” governance and “open” regulatory frameworks, Keynote speaker, DII – 2017; International Conference on Infrastructure Development and Investment Strategies for Africa; 30 August - 1 September 2017, Livingstone, Zambia; Infrastructure and Sustainable Development – Impact of Regulatory and Institutional Frameworks. <http://diiconference.org>

2. Osman, A., 2016, Magic, religion and science: climate change, power and culture in the Sudan, Keynote speaker in built environment session - international: Seventh Graduate Studies and Scientific Research Conference (in Basic and Engineering Sciences): Scientific Research and Innovation for Sustainable Development in Africa, Khartoum, Sudan, 20-23 February 2016; University of Khartoum, Graduate College and Scientific Research and Cultural Relations Directorate, <http://sgcac.uofk.edu/index.php>

3. Osman, A., 2014, An open approach to architecture: design in the 4th dimension. University of Cape Town (UCT) Vivienne Japha and Hicks Memorial lecture for 2014. <http://uj-unit2.co.za/uct-vivienne-japha-len-gunnel-hicks-memorial-lecture-2014/>

RESEARCH-BASED CONTRIBUTIONS

INVITED PLENARY PRESENTATIONS / NATIONAL

1. Osman, A., 2016, Higher level strategies, project level innovations: a time-based approach to inner city development. Invited speaker in plenary session - national: URBAN DESIGN CONGRESS 2016, Urban Debate Series: RE-IMAGINE URBANISM; “URBAN+TRANS+FORMATION: Considering a Vision for African inner-cities”, Freedom Park, Tshwane, South Africa. http://www.reimagineurbanism.co.za/images/programme/Programme_Full.pdf

2. Osman, A., 2016, Higher level strategies, project level innovations: a time-based approach to inner city development, Invited speaker - local: Capital Collective, Pretoria, South Africa. The Capital Collective’s Open-Mic Conversation, 17.08.2016, City Property Head Office, Pretoria CBD

3. Osman, A., 2016, “Trust me, I know” – personal reflections on being a woman in architecture. Invited speaker: Pretoria Institute of Architecture (PIA), Women in Architecture (WiA) event, 4th August 2016, Boukunde, University of Pretoria

4. Osman, A. 2016, Shaping the future: Sustainable building transformation in the South African housing sector, Invited speaker at plenary session - national: 6th Annual Building Control Officers’ Convention (BCO CONVENTION 2016) Theme: “Resilient Built Environment Management for life

4. Osman, A., 2013, The Development Of New Models For The Delivery Of Housing: Re-Thinking Contribution Design, Construction And Finance In Housing And Informal Settlement Upgrading, 1st International DelPHE Conference on Construction Management in Developing Countries: Education, Training, Research and Practice, Khartoum, Sudan, 10th-13th March 2013, University of Khartoum and University of Reading. CIB and Delphi sponsored.

5. Resilience and responsibility: unique challenges and opportunities in the South African built environment, Keynote speaker at the International Conference Resilient and Responsible Architecture and Urbanism, 10-12 April 2018, Groningen, the Netherlands

6. Facilitating experimentation in urban infrastructure delivery through innovative urban governance and “open” regulatory frameworks, Invited Keynote at the International Conference on Infrastructure Development and Investment Strategies for Africa; 30 August - 1 September 2017, Livingstone, Zambia; Infrastructure and Sustainable Development – Impact of Regulatory and Institutional Framework

5. Osman, A. 2016, South African housing: constraints on sustainable building transformation, Invited VIP speaker - national: African Construction and Totally Concrete Expo conference, 9-11 May 2016, Gallagher Convention Centre, Midrand, Johannesburg, in a session titled OPEN BUILDING: INFRASTRUCTURE FIRST, HOUSING SECOND? www.totallyconcrete.com

6. Osman, A. 2016, Stop the implementation of the KPP5: future planning of Khartoum for the benefit of all its residents. Invited speaker: Wits City Institute at the Origins Centre, WITS, Johannesburg, 18 May 2016.

7. Osman, A. 2016, Sudanese architecture: a focus on the social agendas of African modernism (1900-1970). DSD Desis Lab at FADA, UJ, 2016

8. Osman, A. 2016, Competition for space, power and authority in the city and on campus, STAND, FADA, UJ seminar on “Decolonising architectural education and spatial justice” on the 9th September 2016.

9. Osman, A. 2016, “Trust me... I know...” Personal reflections on the decolonisation debate. FADA Decolonisation Conversation, 9th June 2016, UJ Arts Centre Theatre; Panel 1: What does decolonisation and decoloniality mean in the context of art, architecture and design education and in terms of knowledge production?

10. Osman, A. 2016, The role of the socially engaged academic – Invited panelist: meeting at the University of Johannesburg on 31 October 2016.

RESEARCH-BASED CONTRIBUTIONS

INVITED PLENARY PRESENTATIONS / NATIONAL

- 11.** Osman, A. 2015, Time-based design approaches for Informal Settlement Upgrading in South Africa. Invited speaker in a parallel session. Built Environment; Department of Environmental affairs of the Western Cape in March 2015. <http://eadp.westerncape.gov.za/calendar/sustainable-settlement-innovation-summit>
- 12.** Osman, A. 2015, Actor networks that shape design: the dynamics of networks beyond Europe. Invited moderator and panelists in plenary session - international; ETH Zurich, The Future of Open Building Conference 2015. Osman, A. Panel Moderator; Panelists: Prof. Dr. Arno Schlüter, ETH Zurich, Future Cities Singapore (de), Prof. Alfredo Brillembourg, Urban Think Tank (ve/br/us/ch), Prof. Dr. Bernardo Gomez-Pimienta, BGP, Arch. Anahuac Univ. (MX/BE). <http://www.openbuilding2015.arch.ethz.ch>
- 13.** Osman, A. 2015, Sustainable Human Settlements Research Seminar 30 July 2015, NMMU. Invited commentator and panelist in plenary session - national: Sustainable Human Settlements Research Seminar 30 July 2015, NMMU.
- 14.** Osman, A. 2014, Higher level strategies; Project level innovations, Invited speaker in breakaway session - national: South African Cities Network (SACN) to present to the SPATIAL TRANSFORMATION OF CITIES CONFERENCE, Johannesburg as a Laboratory, 4-6 March 2014. [http://sacities.net/joburg_spatial_transformation/Downloads/Programme-Spatial-Transformation\(Jan-14\).pdf](http://sacities.net/joburg_spatial_transformation/Downloads/Programme-Spatial-Transformation(Jan-14).pdf)
- 15.** Osman, A., 2014, A multidisciplinary built environment forum towards transformation in the built environment. Plenary panel debate between built environment institutes at Planning Africa organised by SAPI in October 2014: Making Great Places; Invited to represent

the SAIA at a plenary panel debate on UIA2014Durban call for the professions, and their institutes, to collaborate in the transformation of the built environment in SA; Elsona van Huyssteen (Chair – CSIR), Yusuf Patel (SAPI), Amira Osman SAIA (South African Institute of Architects), Rick Millard representing SAICE (South African Institution of Civil Engineers) Martin Lewis SACPLAN (South African Council for Planners) Mokena Makeka: Makeka Design Lab Peter Dacomb SAACPP (South African Association of Consulting Professional Planners)

- 16.** Osman, A., 2013, UIA 2014 OTHERWHERE DURBAN, UFS as part of the Student Congress, Dialogue 25. <https://160bulwer.wordpress.com/2014/01/30/uia-2014-otherwhere-durban-presentation-by-karen-eicker-and-amira-osman-at-ufs/>
- 17.** Osman, A., 2013, BRIDGING THE DIVIDE @ AZA. Presented on UIA 2014 Durban, linking the themes to the topic of the workshop debate BRIDGING THE DIVIDE. <http://www.architectureza.org/images/aza13/downloads/AZA2013%20DRAFT%20Programme.pdf>
- 18.** Open Building for Healthcare Facilities: Lessons from the INO Hospital, Bern, Switzerland, SAFHE/CEASA 6-8 April 2011, Boksburg, Johannesburg. <http://www.sbs.co.za/safhe2011/introduction.html>
- 19.** Osman, A., 2010, “Time” as a key factor in design and technical decision-making: concepts of accessibility, affordability, participation, choice, variety and change in the South African Housing sector, Alternative Building Technologies Indaba, Department of Human Settlements, October 2010
- 20.** Osman, A., 2010, Housing and Architecture, Invited speaker on Housing and Architecture at the AZA 2010 Mega event hosted by the South African Institute of Architecture in Johannesburg

RESEARCH-BASED CONTRIBUTIONS

INVITED PLENARY PRESENTATIONS / INTERNATIONAL

- 1.** Osman, A., 2015, Socially-engaged pedagogies: ethical relevance in architectural education, Invited speaker. Faculty of Architecture, University of Khartoum
- 2.** Osman, A. 2012, A vision for sustainable human(e) settlements for SA, Invited speaker and moderator in a break-away session - international: 3rd International Conference on Innovation for Sustainable Production (i-SUP 2012), VITO, Flemish institute for technological research, 6 to 9 May 2012, Bruges, Belgium.
- 3.** Osman, A., 2011, The state of housing in South Africa. Invited talk: Institute for Housing Studies (IHS), Erasmus University, Rotterdam, December 2011

- 4.** Osman, A., 2011, Informal Settlements and Affordable Housing, Invited workshop presenter - international: CIB conference, Boston in 2011
- 5.** Osman, A., 2010, SAIA Awards of merit and excellence with some reflections on the state of architecture in Sudan, Khartoum University, Sudan
- 6.** Ishash Relocation Workshop, December 1991, Khartoum. Jointly responsible for preparing a paper on low-cost materials and technology relevant to the project.

TEACHING ACTIVITIES

COURSES PRESENTED

<i>Course</i>	<i>Level</i>	<i>Self developed</i>
BTECH Architectural Management course coordination	Baccalaureus Technologiae: Architectural Technology (Management)	No
BTECH Architectural Management Housing – module delivery	Baccalaureus Technologiae: Architectural Technology (Management), Architecture Department, Faculty of Arts, Design and Architecture (FADA), University of Johannesburg	Yes
BTECH Architectural Management Urban Policy module delivery	Baccalaureus Technologiae: Architectural Technology (Management), Architecture Department, Faculty of Arts, Design and Architecture (FADA), University of Johannesburg	Yes
DESIGN STUDIES 1	Diploma and Degree level year 1	Yes/Jointly <i>Delivering 50% of the module – coordinating the 3 year modules and developing the overall programme</i>
DESIGN STUDIES 3	Diploma and Degree level year 3	Yes/Jointly <i>Delivering 50% of the module – coordinating the 3 year modules and developing the overall programme</i>
UJ_UNIT2 Architecture and Agency: DESIGN MAKE TRANSFORM http://uj-unit2.co.za	<p><i>Masters Technologiae: Architecture MTECH level 1 and 2, Architecture Department, Faculty of Arts, Design and Architecture (FADA), University of Johannesburg</i></p> <p>I conceptualised UJ_UNIT2, I put together the team and managed them, invited the overseas presenters, documented, developed and designed the website, developed the briefs, etc. http://uj-unit2.co.za/massa-sit-amet-arcu/ Developed one of three units delivered in 2015 at the post-graduate level by the Architecture Department at the Faculty of Arts, Design and Architecture (FADA) at the University of Johannesburg. This unit was developed under the umbrella of the FADA DSD Desis Lab. It was also linked to an NRF/ UJ funded research project titled “<i>Harnessing Innovation in the service of sustainable human settlements: investigations into the 4th dimension of design.</i>” The unit has many links with various national and international partners.</p> <p>I raised the funding for the delivery of this unit inclusive of the listed activities: Organised UJ_UNIT2 COLLOQUIA:</p> <p>COLLOQUIUM 1 and UIA 2014 Durban legacy project – Built Environment Forum meeting in February 2015 establishing a joint forum for the built environment professions in South Africa;</p> <p>COLLOQUIUM 2 – a 2 week intensive studio with visiting USA Professor Stephen Kendall from the 13th till the 24th April 2015 on how to design Open Buildings;</p> <p>COLLOQUIUM 3 – a one-week intensive with Phil Astley from the 15-18 September 2018 on “<i>Re-thinking healthcare in cities</i>”;</p> <p>Organised a FADA STAND seminar titled “<i>Design teaching for ethical relevance</i>” in May 2015 with Carin Comrinck, Jolanda Morkel and Blanca Cavallo;</p> <p>UJ_UNIT2 field trip to Nairobi, August 2015, 12 students visited UN Habitat, Muungano Trust, Shack Dweller International, etc.;</p> <p>the top student of the unit accompanied me to the Future of Open Building Conference at ETH Zurich in September 2015;</p> <p>UJ_UNIT2 EXHIBITION at Bjala Square in Jeppestown.</p>	Yes <i>I conceptualised and led the programme with 2 assistants</i>

TEACHING ACTIVITIES

COURSES PRESENTED

<i>Course</i>	<i>Level</i>	<i>Self developed</i>
UJ_UNIT2 Architecture and Agency: DESIGN MAKE TRANSFORM http://uj-unit2.co.za	<i>Masters Technologiae: Architecture MTECH level 1 and 2, Architecture Department, Faculty of Arts, Design and Architecture (FADA), University of Johannesburg</i> Masters level studio briefs: RE-THINKING HEALTHCARE IN CITIES http://uj-unit2.co.za/phil-astley-in-the-uj_unit2-studio-rethinking-healthcare-in-cities/ ; OPEN BUILDING INTENSIVE WITH PROF. KENDALL: HOW TO DESIGN OPEN BUILDINGS http://uj-unit2.co.za/open-building-intensive-with-prof-kendall-how-to-design-open-buildings-studio-at-denver-and-mtech2-site-applications/ ; UJ UNIT 2 ASSIGNMENT 3: MULTI-LAYERED, MIXED NEIGHBOURHOODS IN NEWTOWN, JHB http://uj-unit2.co.za/uj-unit-2-assignment-3-multi-layered-mixed-neighbourhoods-in-newtown-jhb-summary/ ; UJ UNIT 2 ASSIGNMENT 2: PEOPLE, SYSTEMS AND INFRASTRUCTURE http://uj-unit2.co.za/uj-unit-2-assignment-2-people-systems-and-infrastructure-summary/ ; UJ UNIT 2 ASSIGNMENT 4 : INTRODUCTION TO STUDIO AT DENVER http://uj-unit2.co.za/uj-unit-2-introduction-to-studio-at-denver/ ; UJ UNIT 2 ASSIGNMENT 1: 1 CRITICAL NEIGHBOURHOOD IMMERSION http://uj-unit2.co.za/assignment-1-critical-neighborhood-immersion/	Yes <i>I conceptualised and led the programme with 2 assistants</i>

TEACHING ACTIVITIES

COURSES PRESENTED

<i>Course</i>	<i>Level</i>	<i>Self developed</i>
Masters Technologiae: Architecture (professional) MTECH level 2 – coordinator	<i>Masters Technologiae: Architecture (professional) MTECH level 2, Architecture Department, Faculty of Arts, Design and Architecture (FADA), University of Johannesburg</i> I coordinated the second year of the master's programme at the University of Johannesburg when I joined in April 2012, taking over this task from Melinda Silverman. With the support of Alex Oppen (who conceptualised and led the 2-year programme between 2010 and 2012), Christo Vosloo, Finzi Saidi, Leon Krige and Suzette Grace – as well as others – this led to the full and unconditional accreditation of the programme in 2013, by the South African Council for the Architectural Profession (SACAP) and the Commonwealth Association of Architects (CCA).	Yes/Jointly <i>I led the programme till its conclusion – supported by colleagues as listed</i>
Masters Technologiae: Architecture (professional) MTECH level 2 – Professional Practice	Masters Technologiae: Architecture (professional) MTECH level 2, Architecture Department, Faculty of Arts, Design and Architecture (FADA), University of Johannesburg. I taught a section called Alternative Practice as part of the professional practice module.	Yes/Partial
MAMD19X – Design/Thesis - Masters Prof. Prac. 5 - Masters	Courses taught at UJ, 2012-present	Yes/Partial
BHS41-1/Housing/4th Year		
UPS41-1/Urban Policy/4th Year		
BADSB1/Theory/1st Year		
BADSB3/Theory/3rd Year		
E2 housing elective, HUE_UJ HUE_UJ 2017		
ONT100/Design/1st Year		
ONT300/Design/3rd Year	Courses taught at UP between 1998-2009	
OML120/Theory /1st Year		
OML310/Theory/3rd Year		
OMG310/History/3rd Year		
RFS 720/Theory/Honours		
RFP 720/Design/Honours		

TEACHING OUTPUTS AND CONTRIBUTIONS

COURSES PRESENTED

Educational publications and products

- Developed study guides, PowerPoint presentations and lecture notes for various courses and modules in several institutions
- University of Khartoum: first year studio coordination documents, basic design and design methodology courses, housing courses
- University of Pretoria: theory OML 120, theory OML310, design ONT100, design ONT300, history OMG310, Honours conceptualising and coordination, Housing Electives at Honours Level, Sustainability and Open Building at honours level
- University of Johannesburg: Masters documents RESEARCH PROJECT and PROFESSIONAL PRACTICE, BTECH Architectural Management Programme co-ordination documents (management of the five modules that constitute the course, BTECH housing, BTECH Urban Policy, Design Studies coordination and study guides/notes for first and third years,
- Websites developed: www.h-ue.co.za, www.uj-unit2.co.za

TEACHING OUTPUTS AND CONTRIBUTIONS

COURSES PRESENTED

Visits to local and overseas universities as guest professor or lecturer in regard to teaching

1. Presented at the Social Housing Foundation, workshop for Social Housing Institutions on Social Housing Institution SH operations manual: Stock Development 14-16 September 2005.
2. Presented a workshop on Design Development Procedures as part of a course on Stock Development at the Social Housing Foundation in September 2005 and March 2006.
3. Presented a workshop on housing design at a course for government officials on Good Urban Governance, May 2006 as well as a workshop on design quality management as part of the UP diploma for housing practitioners, organized by the Centre for Housing and Land Development, University of Pretoria.
4. 2007, presented a talk at the briefing for the Jozi style competition project.

RESEARCH ACTIVITIES

FORMER SUPERVISION OR CO-SUPERVISION

<i>Name of student</i>	<i>Degree/Title of dissertation/ thesis and date</i>	<i>Supervisor</i>	<i>Co-supervisor(s)</i>	<i>Year completed</i>
Carin Combrinck	PhD: The marginalisation of architects in informal settlement upgrading	Prof Piet Vosloo	Amira Osman	2015
MSc (Research)				
Nele Peeters (Belgium)	Masters by research. Generating an improved quality of informal housing, a case study in South Africa.		Amira Osman	2005
Busi Mothibi (Botswana)	Masters by research. Optimising energy in low - cost housing with particular reference to Botswana.	Amira Osman		2007

MSc (Coursework)

Supervision at the University of Johannesburg. I acted as supervisor unless it states "co-supervisor"

- | | |
|---|---|
| 1. Kashiya Mbinjama / UJ_UNIT2 M Tech Prof 2015 | 17. Emmanuel Nkamubule / M.Prof II 2008 Housing in Mamelodi |
| 2. Sibusiso Lwandle / UJ_UNIT2 M Tech Prof 2015 | 18. Tumo Senoana / M.Prof II 2009 Re-treat in Lesotho |
| 3. Nhlamolo Ngobeni / M Tech (Prof) 2013 | 19. Jacques Orten / M.Prof II 2009 Urban Agriculture in Nelmapius |
| 4. Jarryd Murray / M Tech (Prof) University of Johannesburg (co-supervisor) | 20. Carl Adams / M.Prof II 2009 Cultural Centre in Marabastad |
| 5. Trisha Parbhoo / MTech(Prof) University of Johannesburg (co-supervisor) | 21. Nazly Chotia / M.Prof II 2009 (co- supervisor) |
| 6. John Saimaan / M Tech (Prof) University of Johannesburg (co-supervisor) | |

I supervised these students for one year of study in the restructured masters programme at UJ.

Supervision at the University of Pretoria. I acted as supervisor unless it states "co-supervisor"

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|--|---|
| 7. J. Bath / B.SC 1999 Urban Interactive Realm | 22. Diana Wolby / UJ_UNIT2 M Tech Prof 2015 |
| 8. D. Du Toit / B.SC 1999 Social Condenser: A student centre for UNISA | 23. Darren van Gool / UJ_UNIT2 M Tech Prof 2015 |
| 9. F. Van Der Walt / B.SC 2000 Filling the Gap: Redevelopment of the Skinner Street precinct | 24. Luke Venter / UJ_UNIT2 M Tech Prof 2015 |
| 10. A. Haquebord / B.SC 2002 Walker Street Inter- modal and mixed use development | 25. Ngwato Kekana / UJ_UNIT2 M Tech Prof 2015 |
| 11. Smit (NH) / M.Prof II 2003 Strydom / M.Prof II 2003 | 26. Clara Senatora / UJ_UNIT2 M Tech Prof 2015 |
| 12. Absolom, co-supervisor / M.Prof II 2007 Hamanskraal Development | 27. Omphile Msindo / UJ_UNIT2 M Tech Prof 2015 |
| 13. Pumalani Khwazyo / M.Prof II 2007 Embassy Centre in Hatfield | 28. Jarryd Bates / UJ_UNIT2 M Tech Prof 2015 |
| 14. Hennie Muller / M.Prof II 2007 Housing in Mamelodi | 29. Simon Ngubeni / UJ_UNIT2 M Tech Prof 2015 |
| 15. A. Xoliso / M.Prof II 2006 Eloise van der Merve (co- supervisor) | 30. Andrea Relling / UJ_UNIT2 M Tech Prof 2015 |
| 16. Mpumi Nzuzza / M.Prof II 2008 | 31. Mfundo Magongo / UJ_UNIT2 M Tech Prof 2015 |
| | 32. David Spratt / UJ_UNIT2 M Tech Prof 2015 |
| | 33. Simone Manuel Simon / UJ_UNIT2 M Tech Prof 2015 |

RESEARCH ACTIVITIES

OBTAINING RESEARCH FUNDS

<i>Origin of research funds</i>	<i>Title of research project / programme</i>	<i>Duration</i>	<i>Money allocated (R)</i>
Various donations from various sources towards the conference costs + conference fees	SHS CONFERENCE 2012	2012 -	R100000
Faculty Research Committee/University Research Committee – UJ	Harnessing innovation in the service of sustainable human(e) settlements	2012-2014	R40000
NRF incentive funding for rated researchers		2012-2017	R40 000 p.a.
NRF RISA once-off funding for rated researcher: Support for on-going research projects		2011-2012	R150 000 p.a for 2 years
HICD Thutuka Grant, WIR 2010		2010	R145 000
Thuthuka NRF Women in Research Programme,	Cultural and technological transfer in partnership with locally-based, small, scale industries in Mamelodi and Nellmapius, Pretoria.	2007, 2008, 2010	R200 000 + R316 000 + R120 000
UP/NRF Glue funding 2009: Inhabiting Pretoria-	Residential Architecture in Sunnyside, Pretoria West and Arcadia	2009	R20 000
RDP Research Development Programme UP,	Cultural and technological transfer in partnership with locally-based, small, scale industries in Mamelodi and Nellmapius, Pretoria.	2007, 2008, 2009	R30 000 + R30, 000 + R30, 000
International Science Liaison Grant	Towards attendance at the XXX IAHS World Congress on Housing taking place in Coimbra, Portugal, 9-13 September 2002.	2002	R10 000
International Affairs Office, University of Pretoria	Trip to Bergen, Norway for research on Ph.D. Space, place and meaning in northern riverain Sudan. Visited the Centre for Middle Eastern Studies at the University of Bergen in Norway (September 2002)	2002	
DAAD Scholarship (German in-country scholarship programme for post-graduate studies) October 1994 to December 1995.	Funding towards masters by research	1994-1995	
Netherlands Government Scholarship	Post-graduate diploma – tuition and living costs in Rotterdam for 6 months	1992	
HICD Thutuka Grant, WIR 2010		2010	R145 000
Thuthuka NRF Women in Research Programme,	Cultural and technological transfer in partnership with locally-based, small, scale industries in Mamelodi and Nellmapius, Pretoria.	2007, 2008, 2010	R200 000 + R316 000 + R120 000
UP/NRF Glue funding 2009: Inhabiting Pretoria-	Residential Architecture in Sunnyside, Pretoria West and Arcadia	2009	R20 000
RDP Research Development Programme UP,	Cultural and technological transfer in partnership with locally-based, small, scale industries in Mamelodi and Nellmapius, Pretoria.	2007, 2008, 2009	R30 000 + R30, 000 + R30, 000

RESEARCH ACTIVITIES

MEMBER OF CONFERENCE COMMITTEES

I served on the following scientific committees:

1. Panel of Reviewers for the DEFSA conference, South Africa, 2017
2. Scientific Committee for the 37th IAHS World Congress on Housing Science: "Design, Technology, Refurbishment and Management of Buildings". SANTANDER (SPAIN) 26 - 29 October 2010.
3. Scientific Committee and Panel of reviewers for the Future of Open Building, ETH Zurich, 2015.
4. Panel of Reviewers for the DEFSA conference, South Africa, 2015
5. General Reporter, Head of Scientific Committee and Panel of Reviewers for UIA 2014, Durban
6. Head of Scientific Committee and Panel of Reviewers conference on Sustainable Human(e) Settlements in Pretoria in September 2012.
7. Centre for the Study of Architecture in the Arab World CSAAR, Sustainable architecture 2010
8. CIB World Congress 2010, Building a Better World, May10-13 2010, The Lowry, Salford Quays, United Kingdom
9. 2007, International scientific committee, Regional Architecture and Identity in the Age of Globalization 13-15 November, 2007, Organized by: The Centre for the Study of Architecture in the Arab Region In Collaboration with Department of Architecture, National School of Architecture and Urbanism, Tunis, Tunisia Sponsored by: Aga Khan Trust for Culture, Centre for the Study of Architecture in the Arab Region (CSAAR)
10. 2005, International Scientific Committee, World Congress on Housing 2005, Pretoria, South Africa

RESEARCH ACTIVITIES

CONFERENCE CHAIR

1. I was the General Reporter and Head of the Scientific Committee for UIA 2014 Durban. Responsibilities included: Leading an international scientific committee which represented the five world regions of the UIA, developing the congress themes, keynote speakers, programme, management of the scientific paper process (500 abstracts from 61 countries; 300 abstracts accepted for publication and 200 full papers published in the proceedings), programme partners, international student competition (management of 500 registrations from 51 countries and adjudication of 165 project entries), practice participation (65 poster entries exhibited at the event) and management of the academic aspects of the student programme and acted as editor of the scientific committee publications (Congress Programme and Abstract Book, Proceedings Book, Special Publications Book, Student Competition Book, Practice Participation Poster Book) including the various reports and legacy documents produced. I also served as Lead editor, concept development, compilation, management of all aspects of the project, managed the scientific paper process and programme. As head of the scientific committee, I was in charge of the themes, speakers, programme etc. The Congress report can be downloaded here: https://www.dropbox.com/sh/4o1flo5luz58dwx/AADBieofsFAjxJ52GlbSImaUa?dl=0&preview=GR+UIA+2014+report+summary_final.pdf
2. I served as Conference convener for the Sustainable Human(e) Settlements: the urban challenge, 17th - 21st September 2012, hosted by FADA, UJ and its partners at Lamunu Hotel in Braamfontein, Johannesburg. The conference included 2 workshops on healthcare and housing which were organised and presented by myself and Prof Stephen

Kendall from Ball State University, USA and Phil Astley from the Bartlett, London, UK as well as Marianus de Jager from Sharp-Shop Architects in Johannesburg. I also served as Editor of the various inputs including introductory texts, compilation, editing, conceptualising management etc.

I managed the scientific paper review process and raised the funding for the book and conference. The conference information can be found at this link: <http://shsconference.co.za> and the report is available here: <http://uj-unit2.co.za/architecture-and-agency/sustainable-humane-settlements-shs/>

3. I acted as a member of the core team for the Transforming Housing Environments through Design, 33rd World Congress on Housing, Pretoria 2005, University of Pretoria and the International Association for Housing Science (IAHS). I was instrumental in bringing the Congress to Pretoria, in developing the title and themes for the event and in selecting and inviting the keynote speakers for the event. I also served as a part of the editorial board.

4. I organised an international workshops in 2007; I coordinated pre-congress workshops for CIB W104 (Open Building Implementation) and CIB W110 (Informal Settlements and Affordable housing) in Pretoria prior to the international CIB conference in CT in May 2007). Guest speakers: Prof Stephen Kendall (BALL STATE UNIVERSITY) and Prof. Jorge Andrade (Mexico) – this was followed by lectures from visiting Dutch architect Frans van der Werf in 2008;

5. I coordinated a housing workshop in 2009 as part of hue activities, UP. Guest speakers: Hein de Haan (Netherlands), Ahmed Abdallah (Sudan), Diane Arivantakis (SHiFT), Emmanuel Nkambule (Swaziland) and Avril Paterson (SA).

RESEARCH ACTIVITIES

MEMBERSHIP IN NATIONAL AND INTERNATIONAL BODIES

1. Joint co-ordinator Africa, CIB110 on housing and informal settlements and member CIB 104 Open Building Implementation.
2. Board member Social Housing Focus Trust 2007- present
3. Registered as professional architect with SACAP: 7267
4. SACAP research committee 2009-10
5. Sudan Institute of Architects
6. Sudan Engineering Council
7. Sudanese Society for the Conservation of the Environment SECS (1993-97)
8. Sudanese People Council for Rehabilitation SPCR (1993-94)
9. Member of committee formed to establish NGO for previous Sudanese participants at the Institute of Housing Studies in Rotterdam (1997)
10. Member of Sudan Archaeology Society (1997)
11. Member of ICOMOS 2002 till 2005.

RESEARCH ACTIVITIES

ACADEMIC EXCURSIONS

Visits to local and overseas universities or research institutes as guest professor or researcher

1. Visiting Researcher, Bergen University, 2002 presented 2 talks on Space, place and meaning in Sudan, one at the Centre for African Studies and the other at the Department of Geography.
2. 2008, presented workshop and lectures in Khartoum (Sudan University of Technology and Sudanese Research Council)
3. Presented a one-day workshop at a CIPSEM course on Urban Governance, Dresden, Germany on housing, September 2009.
(See International and national workshops/ seminars organised)
4. Presented a lecture to UP honours students, up, on 10.02.2010 on BNG in context and the red book.
5. Presented a CSIR housing workshop for interns, 17 and 18 February 2010
6. Visiting Lecturer, 2nd year, Natal University, Durban, 2000. Presented a school talk on our activities in housing at UP.

CREATIVE OUTPUTS

MISCELLANEOUS ACTIVITIES

Producer for the Sustainable Human(e) Settlements: the urban challenge. 2012 documentary Films,

South Africa and the Netherlands. Executive producer: Amira Osman; Creative producers/directors: Nduka Mntambo and Beate Lendt (under the auspices of UJ and ximage, Amsterdam); Production: FADA, UJ, Johannesburg and ximage, Amsterdam; Directing, camera, editing: Nduka Mntambo, Beate Lendt and FADA, UJ students.

- World Premier: Urban Film Festival @ World Urban Forum (jointly organised by ArchFilmLund and Uncommon Meida), Naples, Italy 2012
- Culture Unplugged Festival: Green Unplugged, 2013 – India-AARDE (Art & Architecture Research, Development Education)
- Film Festival, Anna University, Chennai, December 2012

LEADERSHIP

MANAGEMENT AND ADMINISTRATIVE DUTIES

1. Currently the coordinator for DESIGN STUDIES at the University of Johannesburg as well as the coordinator for the BTECH Architectural Management Programme.
2. Coordinator Honours Programme, UP, 2008- 2009
3. South African Council for the Architectural Profession, Research Committee, 2009
4. Honours coordinator and Leader of the Housing Research 1998 till 2009 and established the Housing and Urban Environments Research Field (H-UE), Department of Architecture, University of Pretoria, 2003-2009
5. Design Coordinator, graduate programme, UP, Pretoria 2004.
6. Contact person for new applicants, UP, Pretoria 2004
7. Organised School Lectures, University of Pretoria, 1999
8. Secretary of Departmental Board, University of Khartoum, 1992-93

OTHER PROFESSIONAL ACTIVITIES

OUTREACH PROJECTS

1. Established SINNAR electronic newsletter, Sudanese Community in Gauteng, Editor 2004 <http://sinnarnewsletter.co.za>
2. Architectural practice ARAM MIMAR, cc no. 2005/102085/23

OTHER PROFESSIONAL ACTIVITIES

PROFESSIONAL SERVICE PERFORMED

Private consulting through Aram Mimar:

1. Mr. Nicholas Schofield of Tembisa Land, Preliminary assessments and sketch plans: housing project, Tembisa Land in Isithame, Tembisa
2. Embassy of Sudan , Renovation design: Embassy of Sudan, Pretorius Street, Hat eld and Ambassador's House renovations in Waterkloof
3. Client, House alterations and additions – design: Vorna Valley Midrand and Heilikon Park Johannesburg
4. Ms A. Abu Bakr, Design: Soba Sharg, Khartoum, Sudan
5. Mr Sheikh El Din , Sketch Design: Khartoum, Sudan
6. Mr A. Taban, Sketch Design: Juba, South Sudan
7. Mr Monday Tsamaya, Sketch Design: Juba, South Sudan
8. Mr Esam Habish and Mrs. Asia Adlan, full design services for a house in Khartoum
9. CARINBE research space, alterations to foyer in level 6 of the John Oors Building, UJ, Doornfontein Campus
10. 1997, Two residential blocks in Khartoum 2. Property of AbuZeid Ahmed AbuZeid. Interior Design
11. 1996-1997, Clients: UNFPA and Ministry of Social Affairs, Khartoum. Executive Agency: DED German Development Services. Job Architect Women's' Development Centre in Hag Yousif, Khartoum North.
12. 1994-1995, Riyadh Housing Complex, Blocks 13-14 Riyadh, Khartoum. Ministry of Engineering Affairs, Khartoum State. Won First place with two colleagues in this housing competition (1993). Job Architect in partnership with Binna (Real Estate Developers)

OTHER PROFESSIONAL ACTIVITIES

COURSES ATTENDED

1. 2016, Course on calculations for thermal performance, PIA Development Action Group, Cape Town, South Africa
2. 2011, Course on Local Economic Development at the ACC at UCT (Hosted by the IHS Rotterdam)
3. 2010, REFWORKS, CILLA, CSIR
4. 2010, How to access scientific resources, CSIRIS, CSIR
5. 2010, Building regulations , PIA
6. 2010, 5 mini-courses, Land Value capture LED, ACC/UCT/IHS,
7. 2007, Financial Management for non financial managers, Regenesys School of Public Management, Johannesburg.
8. 2005, Research Methodology, EBIT, UP
9. 2005, Courses in JBCC contract, Eyvind Finsen Professional Practice Course.
10. 2004, Research Methodology, EBIT, UP

OTHER PROFESSIONAL ACTIVITIES

GUEST LECTURES TO PROFESSIONAL ASSOCIATIONS AND PRIVATE SECTOR

1. Osman, A., 2013, Policies and emerging practices in informal settlement upgrades, Urban Renewal Module Course, African Centre for Cities, UCT; October 2013
2. Osman, A., 2012, Policies and emerging practices in informal settlement upgrades, Urban Renewal Module Course, African Centre for Cities, UCT; October 2012
3. Osman, A., 2010, Open Building, tearoom session: CSIR Built Environment Unit, Pretoria
4. Osman, A., 2010, SAIA Merit and Excellence Awards 2010, tearoom session: CSIR Built Environment Unit, Pretoria
5. Osman, A., 2010, State of housing in South Africa Earthworld Architects, Pretoria, December 2010

OTHER PROFESSIONAL ACTIVITIES

INTERNATIONAL AND NATIONAL WORKSHOPS

1. Osman, A., 2009, Housing, informal settlements and Open Building. Invited course presenter - international: one-day workshop at a CIPSEM course on Urban Governance, Dresden, Germany on housing, September 2009.
2. Osman, A., 2009, Open Building, teaching and practice, Stanford Community at an International workshop in September 2009

OTHER PROFESSIONAL ACTIVITIES

RADIO AND TV APPEARANCES

1. Osman, A., 2015, "Khartoum's students protest for heritage sites" interview on Voice of the Cape Radio. Drivetime, 9 May 2015, <https://iono.fm/e/287151>
2. Osman, A., 2016, Interviewed on "Sudan Civil Disobedience" on Voice of the Cape Radio. Drive time 12th December 2016, <http://www.vocfm.co.za>
3. Osman, A., 2010, Interview on SABC Morning Live with Jury Members Amira Osman, Judge Albie Sachs, etc. South African Institute of Architects (SAIA) Merit Awards and Awards of Excellence 2010
4. Osman, A., 2010, Panelist in a plenary session: "The Housing Debate - some thoughts on the way forward" at AZA 2010 hosted by Kieno Kammies. <http://www.specifile.co.za/specifier/specifier-mag-edits/16-editors-perspective/551-the-housing-debate-some-thoughts-on-the-way-forward>

OTHER PROFESSIONAL ACTIVITIES

OUTSIDE EXPERT/ ADVISORY COMMITTEE

- 1.** A member of the peer review panel for South African scholarly journals, Academy of science of South Africa (ASSAf), committee on scholarly publishing in South Africa 2016 till present.
- 2.** A member of a core team to set up an International Council for Open Building (ICOB). First meeting in Zurich 2016.
- 3.** A member of the CARINBE UJ (Center of Applied Research and Innovation in the Built Environment) Management Committee 2016 till present.
- 4.** Member of the Editorial Board of the Journal of Sustainable Human Settlement and Development 2016 till present.

OTHER PROFESSIONAL ACTIVITIES

ADJUDICATOR ARCHITECTURAL COMPETITIONS

- 1.** 2017, Women in Architecture Awards.
- 2.** 2010, Adjudicator for architectural merit awards, South African Institute of Architects,
- 3.** 2009 - 2010, SHiFT competition jury member
- 4.** 2007, Jury Jozi Style Housing competition.
- 5.** 2005, Adjudicator for awards for research for the Pretoria Institute of Architects.
- 6.** 2005, Jury member for the First Holcim competition for Sustainable Construction.

OTHER PROFESSIONAL ACTIVITIES

INVOLVEMENT WITH OTHER UNIVERSITIES/ SCIENTIFIC INSTITUTIONS

- 1.** Development Action Group DAG Cape Town conference attendance: Re-imagining the city: a new urban order, 11-13 October.
- 2.** CIB W104 Open Building meeting, Bilbao, May 2010.
- 3.** Attended housing workshop as part of “Challenges facing the Management of Construction Industry and Housing in Sudan” Workshop, 12-15th December, 2010, Khartoum, Sudan, Faculty of Architecture, University of Khartoum, Sudan and The School of Construction Management and Engineering, University of Reading, UK, a DeLPHE project funded by the British Council.
- 4.** CIB W104 Open Building meeting, ETH, Zurich 2015.
- 5.** Media in Transition: the cases of Tunisia, Morocco and Turkey. AlJazeera Centre for Studies. 7-8 January 2017. Doha, Qatar.

OTHER PROFESSIONAL ACTIVITIES

EXTERNAL EXAMINER

- 1.** UKZN thesis year 2016
- 2.** UKZN thesis year 2015
- 3.** WITS Housing theories, concepts and policies – external examiner – May 2015
- 4.** WITS Housing theories, concepts and policies – external examiner – April 2014
- 5.** WITS Housing theories, concepts and policies – external examiner – April 2013
- 6.** UKZN thesis year 2017
- 7.** UP doctoral thesis 2017
- 8.** TUT masters thesis external examination - 2014
- 9.** TUT M Tech Architectural Technology Research Crit – March 2013
- 10.** University of Waterloo, Canada, External Examiner for Masters Thesis for Michelle Greyling (via Skype) – April 2013
- 11.** External examiner, University of the Free State and University of Pretoria (Honours level), 2010
- 12.** External Examiner Masters by Research University of Kwa Zulu Natal 2007
- 13.** External Examiner 3rd Year Africa Course WITS 2007
- 14.** External Examiner 2nd and 3rd Year, TUT, June, 2006
- 15.** External Examiner 1st year, WITS, November 2006
- 16.** External Examiner, 2nd and 3rd Years, TUT, November, 2006
- 17.** External Examiner 1st and 5th Year, Tshwane University of Technology, 2004
- 18.** External Examiner 1st and 5th Year, Tshwane University of Technology, 2003
- 19.** External Examiner for 3rd year, Pretoria Technikon, 2000.
- 20.** External Examiner for 2nd year, University of Witwatersrand, 1999 and 2000.
- 21.** External Examiner for final year students at University of Witwatersrand 1998 and 1999.

OTHER PROFESSIONAL ACTIVITIES

EDITORIAL DUTIES

- 1.** Editor of “Sustainable future cities and human settlements begin today”. National Human Settlements conference (2016), 5-7 October 2016, North Campus, Nelson Mandela Metropolitan University (NMMU), Port Elizabeth, South Africa (in process – near complete)
- 2.** UIA 2014 Durban Congress Proceedings; Editors: Amira Osman, Gerhard Bruyns, Clinton Aigbavboa; – UIA 2014 Durban Special Projects; Editor: Amira Osman
- 3.** UIA 2014 Durban Abstract Book And Academic Paper Sessions, Editors: Amira Osman, Gerhard Bruyns, Clinton Aigbavboa;
- 4.** UIA 2014 Durban International Student Competition; Editors: Amira Osman, Gerhard Bruyns;
- 5.** UIA 2014 Durban South African Practice Participation; Editors: Amira Osman, Nomfundo Nxumalo; Compilation: Amira Osman, Gill Slaughter, Kerry Fermani, Nomfundo Nxumalo, Nikita Andrews; Design and layout: Garth Walker, Hein Jonker, Zama Mthandeni; Publisher UIA 2014 Durban ©UIA 2014 DURBAN; ISBN 978-0-86970-783-8
- 6.** Editor of the conference proceedings of the Sustainable Human(e) Settlements: the urban challenge. 17-21 Sept 2012. Johannesburg, SA. ISBN no 976-0-620-54069-8
- 7.** Editor of Transforming Housing Environments through Design, 33rd World Congress on Housing, Pretoria 2005, University of Pretoria and the International Association for Housing Science (IAHS), Editors: Andre De Villiers, Oktay Ural and Amira Osman. ISBN 1-86854-625-X; 1-86854-627-6 (CD-ROM)