

SASUF 2019 SYMPOSIUM PROGRAMME
6 MAY 2019

PLENARY SESSION
Venue: Goldfields Auditorium
Chair: Prof Sijekula Mbanga, Nelson Mandela University
08:00 Refreshments
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Arrival and Registration
Opening and Welcome
SASUF Background and Purpose of the Symposium
Science, Technology and Innovations for inclusive development and sustainability
Urbanisation challenges and opportunities for sustainable human settlements
Greetings and Comments
09:40 Refreshments

SENATE HALL, NORTH CAMPUS	
PARALLEL SESSION 1	
Venue: Senate Hall, North Campus Time: 10:30 Chair: Prof Babatunde Agbola (Manosouth University of Technology)	
Track 1: Citizen hope and universal happiness	
Paper 1	Engaging nonviolent men in tackling violence against women: an action research project in Liberia. Washington Tsokota
Paper 2	Safety and Security as a component of equity planning for student housing: A Case Study of Brindley, Wilms and Universitat Suburbs in Bloemfontein, Free State. Ohmann Tshazi and Thulisle Mphahlele
Paper 3	The role of community learning in pursuit of peace: Prospects and Challenges. Runyarara Marima

THEATRE, CONFERENCE CENTRE, NORTH CAMPUS	
PARALLEL SESSION 2	
Venue: Theatre, Conference Centre, North Campus Time: 10:30 Chair: Dr Jeffrey Mahachi (University of Johannesburg)	
Track 2: Technology and innovation projects driven through partnerships	
Paper 1	Challenges in implementing Innovative Building Technologies: Housing Case Studies in South Africa. Jeffrey Mahachi
Paper 2	Adaptive co-design for self-help housing in South Africa. Washin Goender and Claudia Loggia
Paper 3	Planning for co-production through innovative technology in informal and 'City-Edge' Human Settlements in the Global South: The Case of Hopley Farm, Harare, Zimbabwe. Abraham R Matamanda and Thulisle Mphahlele
Paper 4	The use of innovation in South African subsidised housing projects. Nosizo Sebake
Paper 5	Assisting owner building using building information modelling (BIM). Mandla Dlamini
Paper 6	Alternative "Sustainability" in Human Settlements through design activism. Kevin Kimweli
Paper 7	Economic and carbon growth - sustainability in building. Samson Mchomane, Linda Linganiso, Tshwalo Motaung and Sandile Songca

VENUE 2, CONFERENCE CENTRE, NORTH CAMPUS	
PARALLEL SESSION 3	
Venue: Venue 2, Conference Centre, North Campus Time: 10:30 Chair: Dr Oluwemi Ojo-Fajana (Nelson Mandela University)	
Track 2: Technology and innovation projects driven through partnerships	
Paper 1	Exploring Green Project Management towards an Integrated Model to Upscale the Use of Innovative Building Technologies in Low-Cost Housing. Tahiphi Tshihasa, Sijekula Mbanga and Winston Gqobu
Paper 2	Modelling the household unit size with respect to time: A critical literature review and output. Ermanur Kaito Kabundu, Sijekula Mbanga and Brink Botha
Paper 3	Household cost as a driver for determining the sustainability of the Human Settlement. Lorato Motlatsi and Jeremy Gibberd
Paper 4	Does the Sustainable Building Assessment Tool Address Resilience Sufficiently? Jeremy Gibberd
Paper 5	Unmanned Aerial Vehicles (UAVs) use in public infrastructure projects, a joint effort between the Government Department, Infrastructure Development (GID) and the University of Johannesburg (UJ). Nicholain Pillay and Innocent Musonda
Paper 6	Sustainable disaster relief settlements: an innovative option. Sivee Zukle Shwababa
Paper 7	A community based and user-oriented innovation and sustainability model to achieve smart and green human settlements within the context of South African rural communities. Precious Lukhele

GOLDFIELDS AUDITORIUM, NORTH CAMPUS	
PARALLEL SESSION 4	
Venue: Goldfields Auditorium, North Campus Time: 10:30 Chair: Dr Sithembiso Mveni, University of KwaZulu-Natal	
Track 3: Sustainable peri-urban and rural development	
Paper 1	Poverty increase against infrastructure development: Rethinking sustainable rural development in South Africa. Sijekula Mbanga
Paper 2	Malddevelopment: a key feature defining rural development in South Africa. Zanabkaya Maseli
Paper 3	Implications of the counter urbanisation trend around peri-urban and rural areas for spatial planning. Ayanda Canca

ALL DELEGATES KINDLY MOVE TO THE ONFERENCE CENTRE, NORTH CAMPUS FOR LUNCH

LUNCH: 12:30

PARALLEL SESSION 5	
Venue: Senate Hall, North Campus Time: 13:30 Chair: Prof Janet Cherry (Nelson Mandela University)	
Track 4: Urban renewal and redesign	
Paper 1	Challenges of public participation in the implementation of portable toilets in South Africa: A case study of Mahaza Area in Cape Town, Western Cape Province (2011-2015). Thandile Bob and Mshukuzi Makwa
Paper 2	Community-driven upgrading for self-reliance in South Africa: The Isutabantu project in Durban. Claudia Luisa Teresa Loggia and Maria Christina Goetzblat
Paper 3	Urban regeneration and renewal in African cities in the light of the sustainable development goal for cities, a case of Lagos, Nigeria. Tawo Afonwo
Paper 4	Urban Land Use, Urbanisation and Higher Education Institutions: A case of Nelson Mandela University. Pedro Mzileni
Paper 5	Municipal Waste Management: An antidote for a healthy city. Sibongani Mngomezulu, Akeleye Adeniran, Sijekula Mbanga and Brink Botha

PARALLEL SESSION 6	
Venue: Theatre, Conference Centre, North Campus Time: 13:30 Chair: Dr Rosemary Hanyangha, University of KwaZulu-Natal	
Track 5: Public spaces and inclusivity	
Paper 1	Public spaces and the quest for urban integration in South Africa. Santele Mbambo, Samuel Agbola and Olorunfeni Ojojede
Paper 2	Sustainable development in metropolitan cities: New urbanism perspective. Themba Lukhele
Paper 3	A critical review of practices of inclusion and exclusion in resolving Durban University of Technology student protests. Thandile Bob and Washington Tsokota
Paper 4	Dimensions of informal sector activities and public space contestation in downtown areas of cities: The Paradox in Ado-Ekiti, Nigeria and Port Elizabeth, South Africa. Dr Oluwemi Ojo-Fajana and Prof Sijekula Mbanga
Paper 5	Considering healthy indoor environments in the development of human settlements by characterising the building indoor microclimate. Jako Nice
Paper 6	The built environment as a vehicle towards social inclusion in cities: A wicked problem. Khulekani Ntseane and Sijekula Mbanga

PARALLEL SESSION 7	
Venue: Venue 2, Conference Centre, North Campus Time: 13:30 Chair: Prof Ronney Nowadi, Nelson Mandela University	
Track 6: Urban economy and business development	
Paper 1	Creation of knowledge cities for South Africa: A case of Nelson Mandela Bay. Roseline Karambakwa and Ronney Nowadi
Paper 2	Innovation culture: examining how Zimbabwe Tourism companies are thriving in the digital age. Washington Tsokota
Paper 3	Social cohesion/contestation: demand for socio-economic needs. Esteri Msindo
Paper 4	The role of small-scale aquid fishers in sustaining livelihoods and maintaining marine resources in the context of climate change. Oyamangaye Mkaazi and Bernadette Snow
Paper 5	Ship recycling as a viable option for enhancing business, employment and inclusive economic growth and development: Case Study of South Africa. Malwande Nkallishana
Paper 6	Multi-Purpose Community Centres As a Stimuli for Sustainable Development. Bongive Gobe, Sijekula Mbanga and Brink Botha

PARALLEL SESSION 8	
Venue: Goldfields Auditorium, North Campus Time: 13:30 Chair: Mr Robert Monique (University of Fort Hare)	
Track 7: Curriculum enhancement and system-wide capacity building	
Paper 1	Traditional Render: a taken for granted, ignored and neglected yet sustainable solution in African Traditional Architecture. Paul Makasa
Paper 2	A landscape study of South African dissertations in the field of human settlements between 1984 and 2019. Peta de Jager, Corale van Reenen, Mark Napier, Sico Sebake and Sheldon Bole
Paper 3	Digital learning in teacher education: Implications for teaching and learning in the 21st century. Nanzubiso Tyilo
Paper 4	Unpacking the Landscape of Human Settlement Decision Support Tools in South Africa. Chike Aphoshe Okeke, Sibemnon Lindelwe Mveni, Andrew Okem, Aubrey Mlungose, Ntuzo Ntsovo and Bononousa Zama
Paper 5	Training towards reality. Thomas Stewart
Paper 6	The architectural curriculum of the 4th Industrial Revolution towards sustainable smart communities. Yasham Luckan

REFRESHMENTS: Voeur, Senate Hall	
PARALLEL SESSION 9	
Venue: Senate Hall, North Campus Time: 15:00 Chair: Mr Pedro Mzileni (Nelson Mandela University)	
Track 4: Urban renewal and redesign	
Paper 1	Hands on the City: Lessons from the Zimbabwe land redistribution claim and housing intervention process in the Ebwebeni Municipality. Brendan Boyce
Paper 2	Urban Renewal and Redesign of Durban Metropolitan Region: The Aerotropolis Way. Ongizwa Ntshona
Paper 3	Employing an inductive content analysis approach to explore the implementation of the Gated Urban Renewal Programme, in Isidaght (2001-2010), Sed Papatje. Daniele Seeso and Thulisle Mphahlele
Paper 4	Municipal Waste Management, North Cape, South Africa. Sandile Mamba

REFRESHMENTS: Voeur, Conference Centre	
PARALLEL SESSION 10	
Venue: Theatre, Conference Centre, North Campus Time: 15:00 Chair: Mr Thomas Stewart (University of the Free State)	
Track 8: Nutrition and Food Security	
Paper 1	One tree one child program as a strategy towards contributing to household food and nutrition security: The case study of O.R. Tambo District Municipality. Nematkhozazana Meth and Sphenathi Madzula
Paper 2	Food insecurity and transactional sex among female students: A case at the University of Fort Hare, South Africa. Margaret Goto, Onwetho Matiriro and Jabulani Gilford Khewza
Paper 3	Addressing unemployment, food insecurity and sexual abuse among girls and women in informal settlements across South Africa. Jabulani Gilford Khewza
Paper 4	Low-income rental housing: A need for review of the South African Housing Policy. Akeleye Adeniran, Sweta Ntombonina and Sijekula Mbanga
Paper 5	Unpacking opportunities and challenges in sustaining urban agriculture in low-income settlements in Durban. Vincent Mveni
Paper 6	The Challenges Facing KwaZulu Gardening Project in Walmer Township in Port Elizabeth. David Bogopa and Thandive Blaauw

REFRESHMENTS: Voeur, Conference Centre	
PARALLEL SESSION 11	
Venue: Venue 2, Conference Centre, North Campus Time: 15:00 Chair: Dr Thomas Ramovha (Department of Human Settlements)	
Track 3: Sustainable peri-urban and rural development	
Paper 1	A Foucauldian analysis of public housing in rural South Africa. Danford Chibongozwe and Sithembiso Lindelwe Mveni
Paper 2	Agripreneur challenges associated with failure of rural entrepreneurs in Xhembu District, South Africa. Ishmael Chaboko leana, Beata Kilozwa and Jethro Zuzumane
Paper 3	The rural school as a place for sustainable community development. Nicholain Pillay and Yasham Luckan

REFRESHMENTS: Voeur, Goldfields Auditorium	
SPECIAL SESSION: Academic Advisory Panel for STASHS Road Map	
Venue: Goldfields Auditorium, North Campus Time: 15:00 Chair: Dr Jeremy Gibberd (Council for Scientific and Industrial Research)	
Academic Advisory Panel on the Road Map for Science Technology and Innovations for Sustainable Human Settlements in South Africa	
Opening and Welcome	
Purpose of the session	
Road Map on STASHS Project	
Questions / Comments / Discussions	
A way forward	
Closure and Announcements	

ALL DELEGATES TO CONVERGE AT NORTH CAMPUS CONFERENCE CENTRE PAKING AT 17:30

6 MAY 2019

Venue: The Pine Lodge, Marine Drive, Port Elizabeth
Networking Evening Dinner | 18:00 | Dr Kwezi Mzilikazi, Acting Senior Director for International Relations, Nelson Mandela University

7 MAY 2019

Venue: Port Elizabeth, Walmer
Visit of an innovation development project implemented through partnerships
Walmer Airport Valley Qqebera ePHP housing development | 09:00
Ms Nolwande Gqba, Executive Director for Human Settlements and Spatial Planning, Nelson Mandela Bay City
Ms William Parks, Regional Director, Eastern Cape Department of Human Settlements
Ms Nolwande Gqba, Executive Director for Human Settlements and Spatial Planning, Nelson Mandela Bay City