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## Editorial

Planning is a future oriented activity that links 'scientific and technical knowledge to actions in the public domain', (Friedman, 1987:38). For the Department of Town and Regional Planning, the year 2011 began with a strategic breakaway session at the School of Tourism and Hospitality, UJ.



The objective of the strategic breakaway session was an opportunity for the staff to prepare their mind and take forward an integrated approach for all the departmental engagements in line with UJ strategic thrust areas. As one of the planners tool to enhance their analytical, problem solving and decision making capability, the Department of Town and Regional Planning with support from *Executive Leadership* accomplished one of the objectives in first quarter of the year. The department upgraded its GIS lab with latest leading software's in GIS: ArcGIS 10.0, ERDAS 11.0, Microstation (Bentley) V8i, and 3D City Engine GIS.

We believe the readers will cherish our several activities and engagements being communicated through this medium like: departmental updates, staff updates, student updates, and staff research endeavors. We value the enthusiasm expressed by our readers and continue to look forward to receiving their collaboration and networking for this year around.

#### George Onatu

Head of the Department  
Department of Town and Regional Planning

University of Johannesburg

### Faculty of Engineering and the Built Environment

School of Civil Engineering and the Built Environment

Department of Town and Regional Planning

#### Prof. Tshilidzi Marwala

Dean  
Faculty of Engineering and the Built Environment

#### Prof. Kimberly Battle

Vice Dean  
Faculty of Engineering and the Built Environment

#### Prof. Dundu Morgan

Head of the School  
School of Civil Engineering and the Built Environment

#### Mr. George Onatu

Head of the Department  
Department of Town and Regional Planning

### Vision Statement

## “A Planning Institution of Diverse Choice Excelling in Teaching, Research and Practice”

The Department of Town and Regional planning, University of Johannesburg is one of the 11 planning institutions of South Africa offering programmes in town and regional planning. The department offer programmes in National Diploma and B.Tech in Town and Regional Planning. The University of Johannesburg is a member of the Association of African Planning Schools (AAPS) currently consisting of 35 planning institutions of Africa.

# Departmental Updates

## Strategic Breakaway Session

### Department of Town and Regional Planning

The department held its strategic breakaway session during the month of Jan 2011. Mr. Onatu welcomed all present to the strategic breakaway session and explained the purpose of the session. The purpose of this breakaway session was to review the existing Departmental Strategic Action Plan for 2010-2012 in line with new developments. The exercise entailed a re-examination of the Mission Statement and Vision Statement as well as the strategic goals and proposed intervention to guide further course of action for the current year.

Some discussion on various sessions include: Collaborative research for 2011-12, Work Integrated Learning (WIL), Research Engagements @ B.Tech, Student Experience, Research Output, Networking & Web presence, Short Term & Masters Programme.



## GIS Lab Setup

The Department of Town and Regional Planning recently procured / upgraded its GIS lab with latest Geographic Information Systems (GIS) software's for B.Tech students. The latest software's procured include: ArcGIS 10.0, ERDAS 11.0, Microstation (Bentley) V8i, and 3D City Engine GIS. Besides these commercial software's, the students would be exposed to open source GIS software systems like : Quantum GIS.

## Industrial Partnership – Advisory Meeting

### Town & Regional Planning Industrial Advisory Committee (TRPIAC)

The Department organized its first Industrial Advisory Board meeting on 8th February 2011 for familiarization of members. Among the people appointed for the position are: Mr. Yusuf Patel, President of South African Planning Institute (SAPI); Ms. Sarah Mekgoe, Executive Director, Development Planning, Ekurhuleni Metropolitan Municipality; Mr. Matubatse Matubatse, Director Land Use Management, Ekurhuleni Metropolitan Municipality; Mr. Nkhangweleni Siliga, Development Bank of South Africa (DBSA); Mr. Makgorometje A. Makgata, Executive Director, City Planning & Development, City of Tshwane; Mr. Herman Pienaar, Director, Development Planning & Facilitation, City of Johannesburg; Mr. Peter Dacomb, South African Association of Professional Planners (SAAPP).

Though, some of the members did not come due to unforeseen circumstances, Dr Dundu Morgan, Head of School of Civil Engineering and the Built Environment while speaking at the meeting commended the effort in this direction and reiterated that TRPIAC members are part of UJ system.

The committee forms an open link to industry and would help TRP department as watchdog in terms of improvement and innovations. Mr G. Onatu supported this by explaining the good relationship the Department enjoys with City of Johannesburg (COJ), Tshwane and Ekurhuleni as well as private sector. Mr Nkhangweleni Siliga from DBSA advised that department should enhance its ties with organization like DBSA in terms of sponsorship for academic infrastructures.

# Staff Updates

## Map Africa 2010 @ Cape Town, South Africa

The Department of Town and Regional Planning, University of Johannesburg participated in Map Africa 2010, held on 23-25 November 2010 at Cape Town. The theme of the conference was 'Geospatial Readiness for Building Africa'. The conference was organized by GIS Development in association with the Department of Rural Development and Land Affairs, South Africa, United Nations Economic Commission for Africa (UNECA), Ethiopia, and Regional Centre for Mapping of Resources for Development (RCMRD), Kenya. The University of Johannesburg was the institutional partner for the conference. Besides the vision and the plenary session, the conference involved Symposia on: Geospatial for Infrastructure and Utilities and Geospatial for Land Management; the Seminars involved key topics on: Geospatial for Emergency Management, and Geospatial for Mining and Exploration. The technical session of the conference included sessions on: Environmental Management, Emerging Trends, Local Governance, Development Sector and Natural Resource Management. The conference also provided a unique forum through exhibition to discuss on the latest offerings of geospatial technologies and its role in social, economical and political development of Africa.

Mr. George Onatu, chaired the symposium on: Geospatial for Infrastructure and Utilities. The presentations discussed included: Enterprise GIS, Town Planning and Geospatial Technology, Geospatial Applications in Utilities, GIS in Property Valuations, and GIS & Electricity Regions. Mr. Aurobindo Ogra, presented a paper on "Geospatial Readiness of Municipalities of South Africa – Assessment of Web Enabled Citizen Centric Geospatial Services". The paper was co-authored with Mr. Satyendra Singh, Visiting Lecturer at Stuttgart University of Applied Sciences, Germany. The full paper can be assessed online at: <http://mapafrica.gisdevelopment.net/2010/proceeding/Aurobindo%20Ogra.pdf>. The paper presented was further selected by GIS Development, and is published under the title 'Where Citizens Come First' in the GIS Magazine "Geospatial World", Page 48, April edition, 2011.



## Paper Presentations- International Conference @ New Delhi, India

Mr. Aurobindo Ogra and Dr. Joseph Molefe presented papers at an international conference on "Relevance of Policy Reforms on Development: Challenges before Emerging Economies", organized by Jamia Milia Islamia (JMI) University, from 24-26 Feb. 2011, at New Delhi, India. The conference focused on various themes of: Poverty, Un-employment & Social Welfare, Entrepreneurship and Micro Finance, Health Care and Development, Education and Development, Social Security, Environment and Sustainable Development, Housing and Sanitation, Public Management Strategies & Selected Applications.

The following papers were peer reviewed and published as book chapters in conference proceeding volumes:

- Ogra A., Thwala W.D (2011), "Comparative Analysis of e-Governance Service Delivery Maturity Levels of Select Metropolitan Municipalities of South Africa and India", (pp. 1022-1039) in "Reinventing Public Management and Development in Emerging Economies", Edited by: P. Sigamani & N.U Khan, ISBN: 978-0230-33273-7
- Ogra A., Thwala W.D (2011)," Extent of e-Governance Service Delivery System of Metropolitan Cities of South Africa", (pp 936-948) in "Reinventing Public Management and Development in Emerging Economies", Edited by: P. Sigamani & N.U Khan, ISBN: 978-0230-33273-7.
- Joseph M.C (2011)," Development Narratives on Youth and Women Empowerment in Botswana" (pp 355-373) in "Anatomy of Public Policy Reforms and Development". Edited by: P. Sigamani & N.U Khan, ISBN: 978-0230-33274-4.



## UN-HABITAT: Habitat Partner University Initiative (HPUI) e-Forum

Mr. Aurobindo Ogra, participated in HPUI e-Forum organized by UN-HABITAT from January – March, 2011. The forum was participated by more than 200 university representatives from various countries to discuss strategic inputs for the upcoming Global Meeting of the Habitat Partner University Initiative. During the three months e-Forum, key discussions were held on four thematic issues in areas of: Institutional Setup; Education (Topic 1: Education for Urban Futures, Topic 2: Role of the Habitat Partner University Initiative in strengthening urban education, Topic 3: Training for Urban Professionals, Topic 4: Climate Change in Urban Education); Research; and Knowledge Management.

## Strategic Environmental Assessment (SEA) Workshop @ Johannesburg

Mr George Onatu was invited as one of the leading speakers at a Strategic Environmental Workshop organized in March , 2011, Kempton Park, Johannesburg. He presented a paper on Strategic Environmental Assessment and Land Use Planning – Case Study from Johannesburg. His presentation highlighted the importance of Constitution of the Republic of South Africa, 1996 consisting of Section 24 of the Bill of Rights, which states that: Everyone has the right to ... an environment that is not harmful to their health or wellbeing and to have the environment protected, for the benefit of present and future generation, through reasonable legislative and other measures that: prevent pollution and ecological degradation, and promote conservation and secure ecological sustainable development and equitable usage.

The presentation was concluded by highlighting the need for enforcement and committed adherence to some of these key legislation on SEA:

- Local Government: Municipal Planning and Performance Management Regulations, 2001
- Regulating SDF
- Requiring Strategic assessment of environment impacts (SEA) (DEAT, 2000)
- National Environmental Management Act, 107 of 1998 (NEMA) 2006.

## International Editorial Board Engagements

Mr. George Onatu has been appointed as an Editorial Member of the board of Journal of Environmental Management and Safety. The journal is published by Centre for Environment and Population Activities in Nigeria.

Mr. Aurobindo Ogra has been appointed as an Editorial Reviewers Committee of International Journal of Computer Science Issues (IJCSI), ISSN 1694-0814 (online) published from Mauritius, and International Conference on Informatics Engineering & Information Science (ICIEIS2011), Malaysia.

## Qualifications Progress

**Mr. Zenzile Mbinza** would be completing final year of Masters in Town and Urban Planning from University of Pretoria in 2011. His overall research focuses on the perception and experience of poverty from the eyes of the poor. His dissertation specifically focuses on the practice of municipal boundary demarcation and its subsequent effects on the distribution of wealth and the space economy. It (the dissertation) draws on experiences from both metropolitan (City of Johannesburg, Tshwane and Ekurhuleni) and urban authorities (Sedibeng District Municipality) and interpolates these findings to rural settings. Guidance and supervision is being provided by Prof. Mark Oranje (Head of Department of Town and Regional Planning, University of Pretoria). The completion of this degree will be in line with the University's Staff Qualifications Project, which seeks to let permanent academic staff acquire further academic qualifications.

**Mr. Aurobindo Ogra** has enrolled for D.Phil (Engineering Management) at University of Johannesburg, and is being supervised by Dr. Willington D Thwala, Associate Professor, Faculty of Engineering and the Built Environment, Department of Construction Management and Quantity Surveying, UJ. The research focuses on "Local Government e-Governance Service Delivery System – An Assessment of Metropolitan Municipalities of South Africa". The research includes six metropolitan cities of South Africa – Johannesburg, Ekurhuleni, Tshwane, Durban, Port Elizabeth and Cape Town. The research study also intends to bring in perspectives from select developing countries on the issues and best practices in e-Governance and service delivery to citizens. Mr. Ogra has also presented two papers from the research track in an international conference held at India with focus on select cities of South Africa, and comparative analysis between South Africa and India. The papers have been published in peer reviewed conference proceedings by MacMillan publishers, India.

# Student Updates



## World Bank Institute (WBI) Online Training

The second year National Diploma student Mr. Bongumusa Ndwandwe was selected by the World Bank Institute (WBI), based at Washington for a three months online training programme on 'Urban Crime and Violence Prevention'. Mr. Ndwandwe is currently carrying out his Work Integrated Learning (WIL) internship component at Leydon Gibson CC. He is being mentored by Mr. Ogra during his training period.



## Best Student Award – Dean's Honor's Roll

Ms. Cheileshe Mukuka received the best student award for scoring 75% and above in all the 1<sup>st</sup> semester subjects (first year) and an average of 75% in all the first year subjects of National Diploma. She is presently completing her Work Integrated Learning (WIL) internship component at City of Johannesburg.

## Work Integrated Learning (WIL): Placements 2011

The Department of Town and Regional Planning thanks the following organizations / companies who have placed around 50 second year and final year students of National Diploma on Work Integrated Learning / Experiential Training for a period of 6 -11 months for year 2011-12:

- City of Johannesburg
- City of Tshwane
- Deon van Zyl Consultants
- Department of Local Government and Housing
- Dlodla Development, Development Planning Consultancy
- Francois du Plooy Associates
- Future Plan
- Greater Letaba Municipality
- Greater Tzaneen Municipality
- Koplun Consultants CC
- Ladysmith Municipality
- Lesedi Local Municipality
- Leyden Gibson CC
- Mangaung Local Municipality
- Matingi & Associates
- Mbombela Local
- Metroplan, Town and Regional Planners
- Misava Integrated Development Services
- Moses Kotane Local Municipality
- Municipal Council of Manzini (Swaziland)
- Phokwane Municipality
- Polokwane Municipality
- Rinus Brits Town Planning Solutions
- Rustenburg Local Municipality
- Settlement Planning Services
- Spatial Dynamics, Town and Regional Planners
- Sullivan Fadane & Associates, Urban & Regional Planners
- Thulamela Municipality
- Vuka Africa

## Student Graduations

The department witnessed an impressive graduation held in March this year with 25 students in the National Diploma programme and 13 B.Tech student as compared to 1 B.Tech student in 2006. All the 13 B. Tech students have secured employment at government and private sectors. The parents and guardians present at the academic ceremony expressed their joy to the institution for the achievement of their children.

### **National Diploma: Town and Regional Planning:**

Cebekhulu Khethiwe Peggy, Dhladhla Sibusisiwe Nicole, Hanong Kgahliso Lizzy, Jojwana Anathi Miranda, Lebelo George Lesego, Lubambo Sinazo, Mahlombe Lindelani, Mandli Kabelo Lesetja, Mashishi Ltumeleng, Matebane Refilwe Dorcus, Mathebula Nomsa, Matsomane Lethokoa Mahlogonolo, Mlangeni Duduzile Kate, Moiloe Maokaneng Omphile Faith, Mothoa Makhumo Mary, Ndhlovu Bongani Owen, Nyatlo Phumzile Abraham, Radebe Lebohlang Charlott, Rapulane V Mpho Meshack, Shirilele Wisani Marvel, Timm Lauren Marcelle, Tshabalala Promise Kholani, Witkoei Rethabile, Zondo Zotha Henceforth, Zwane Gugu

### **B.Tech : Town and Regional Planning:**

Bafo Pumla, Govender Thavanasen, Kau Maria Jacobeth, Langenhoven Olivia Theresa M, Lechuba Lebogang Lucelle, Lephale Motlalagohle Maggie, Matsose Solomon Raseqwere, Mbuthuma Ntombebongo Gladys, Mudau Thendo, Nxumalo Thembeke Sindisiwe, Pekane Mpho, Roth Shaun Lionel, Tjebane Palesa

*The Department of Town and Regional Planning wishes to congratulate these diplomats and graduates on their achievement and hope to see them back at UJ in future for further advance studies.*

## Condolence

The department lost one of the final year student, *Aphendulwe Galeni* (1987-2011) of National Diploma in a tragic motor accident in April. May the gentle soul rest in perfect peace.



# Staff & Research Focus

## George Onatu

Head of the Department

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*Research Focus:* Housing, Housing Finance, Low Income Housing, Mixed Development, Informal Settlements, Urban Land Use Management, Local Economic Development



## Departmental Projects (Ongoing)

Informal Sector Trading in a Globalizing Urban Economy: Street Trading in the City of Johannesburg, South Africa

*Principal Investigator:* George Onatu

*Research Funding:* Department of Town and Regional Planning

### Abstract

In strategically positioning itself within the rapidly globalizing world order, the City of Johannesburg has branded itself as "Joburg - A World Class African City". This branding provides the City of Johannesburg with a very positive and attractive identity the world-over as demonstrated by the recently ended FIFA Soccer World Cup 2010. As a world class African city, Johannesburg is experiencing a rapidly growing informal sector trading alongside multinational companies which continue to list in the Johannesburg Stock Exchange.

The research initiated by the Department of Town and Regional Planning looks into the interface of urban street trading and globalization currently defining the image of the City of Johannesburg. The research is spread over three years in a phased manner focusing on the Central Business District (CBD) area of Johannesburg.

## Zenzile Mbinza

Lecturer

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*Research Focus:* Planning Design, Urban Design and Perceptions, Site Layout, Urban Renewal and Urban Bias versus Rural Development



## Aurobindo Ogra

Lecturer

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*Research Focus:* Urban and Regional Planning, Urban Environment & Infrastructure Development, Urban Reforms and Local Governance, Local Economic Development (LED), Tourism Infrastructure and Planning, Geographic Information System (GIS), Project Development and Management, Capacity Building



## Molefe C Joseph

Lecturer

Ph: +27-11-5596350, Email: mjoseph@uj.ac.za

**Research Focus:** Poverty and Livelihoods Dynamics, Gender and Intergenerational Relations, HIV/AIDS, Management and Social Inclusion, Land Use & Environmental Planning



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Secretary

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