



**Africa Regional Network:
Challenges and Opportunities in Facing the SDG's:**

**The Challenge of Sustainable Urbanisation:
What does it take for Land Professional to lead and support nation state's
infrastructure endeavours across urban and rural environments**

21 - 23 November 2017

Focus: Urbanisation is a significant global trend recognising that technological and physical infrastructure assets are one of the first key investment projects in the development of cities. Large scale infrastructure spans both urban and rural land, consequently, land and property professionals are both enablers, and leaders in the use of technological, and the provision of social and physical networked assets

Key Objective: This workshop concentrates upon infrastructure assets (networks and buildings), applied to the land profession skills development as well as to the wider land institutions. It will consider thought leadership, transformational trends, talent (you), and technology, ending with how the Profession may take a step-up to lead and promote the implementation of networked infrastructure in the rural and urban environments to benefit society

This workshop will enable you:

- **Trends:** to improve and recognise the nature of urbanisation in the context of SDG11 and infrastructure, and recap on what it means for good governance,
- **Talent:** to be more familiar with the nature of Leadership: theory & applied, enabling your understanding of skill development and setting your own style,
- **Technology:** to expose you to the role of Geospatial technology innovations for land tenure security and land management in East Africa as led by ESRI Rwanda,
- Ultimately, building your awareness and confidence to lead strategic change and make a positive impact

Background: The world is becoming increasingly urban, the level of urbanisation is rapidly changing with 60% world's population expected to live in cities by 2030 as this applies to Africa population this will be urban by 2035. The rapidly increasing dominance of urban areas places the process of urbanisation among the most significant global trends of the 21st C

It will consider the opportunity land professionals could make to improve the delivery of Nations states critical infrastructure endeavours, recognising the context that land professional skill sets (and other professions) provide in sustainable development and building livelihoods.

In partnership with ESRI Rwanda, the role of Geospatial technology innovations for land tenure security and land management in East Africa will be highlighted. Featured prominently will be the Geoportals developed and operationalized at Rwandan Authorities, as well as *its4land* – a current consortium approach seeking to deliver an innovative suite of land tenure recording tools that responds to sub Saharan Africa's immense challenge to rapidly and cheaply map millions of unrecognized land rights in the region.

its4land combines an innovation process with emerging geospatial technologies, including smart sketch maps, UAVs, automated feature extraction, and geocloud services, to deliver land recording services that are end-user responsive, market driven, and fit-for-purpose. The transdisciplinary work also develops supportive models for governance, capacity development, and business capitalization. Gender sensitive analysis and design is also incorporated. Set in the East African development hotbeds of Rwanda, Kenya, and Ethiopia



PROGRAM

Monday 20th November – Arrivals in Kigali	
Tuesday 21st November –transfer to INES	
09.00 Arrival and registration	
09.00 Transfer to INES	
12.30 Welcome Ceremony and Lunch, Hosted by INES Rector, Father Dr. Fabien Hegenimama	
Wednesday 22nd November	
Large Scale Infrastructure Networks: Trends & Talent	
8.45-9.00	Welcome FIG Vice President, Diane Dumashie & INES Rector, Father Dr. Fabien Hegenimama
9.00-9.10	Setting the workshop theme FIG Vice President, Diane Dumashie
9.10-9.40	Introductions
9.40-10.15	Session 1: Trends the nature of urbanisation/SD11
10.15-10.30	Session 2 Trends the nature of Infrastructure
10.30 - 10.45	<i>Coffee/tea</i>
10.45-11.00	Group Activity
11.00-11.20	Session 3: Trends The Nature of Good Land Governance
11.20-12.00	Session 4: Talent The Nature of Leadership: theory & applied
12.00 13.00	Lunch & Group Photo
13.00-13.30	Activity
13.30-15.00	Session 5 Talent Group briefing, & activity: Infrastructure project. <i>With Coffee/ tea</i>
15.15-16.30	Session 5 continued: Delivery
16.30-17.00	Session 5: Rapporteur Reflections: What you have heard and What will you do
17.00-17.20	Summary: Africa Young Surveyors Yaw Sam Kingsley & by Invitation, Jean Pierre Habiyaremye, Rwanda & Closing: <i>Dr Diane Dumashie</i>
18.30	Evening dinner



Thursday 23rd November

Infrastructure: Technology

9.00 – 9.15	Opening: FIG Vice President, Diane Dumashie
9.15- 9.45	Session 6: Feedback
9.45- 10.00	Sessions 7: Further Thoughts on Leadership & setting your own style/ path ahead
10.00- 11.00	Sessions 8: Technology - Kasper Kundert, ESRI Rwanda
11.00 – 11.15	<i>Coffee/tea</i>
11.15- 12.45	Sessions 8 Continued: ESRI Rwanda
12.45- 13.45	<i>Lunch</i>
13.45- 15.00	Sessions 8 Continued: ESRI Rwanda
15.00- 15.30	<i>Coffee/tea</i>
15.30- 16.15	Session 9 Plenary & Group Discussion: Pulling it all together, Chair Africa Young Surveyors Network, Albert Giah, Liberia & Final observations - ESRI Rwanda, Corporate sponsor, K Kundert
16.30- 16.40	Closing: <i>Dr Diane Dumashie</i>
16. 45- 19.00	<i>Early evening tourism visit, Adelaide</i>

