World Bank Land and Poverty Conference 2018

Masterclass on Innovative Techniques for Improving Valuation Models
Friday 23rd March 2018 9:00 – 12:00 MC8-100

1. Overview

The main conference contains a number of sessions focusing on Valuation. This is an opportunity to add value to the presentation sessions by having an extended forum for consideration of how these exemplars might be converted into wider, on the ground roll-out, with a focus on African cities. The topic will be addressed over two sessions:

09:00 – 10:30 Technological Concepts: will consider innovative technological advances that underpin the potential for positive change.

11:00 – 12:30 Use Cases: will look at the experience and lessons learned from recent practical case studies.

Each session will feature a short keynote, followed by an extended open debate led by a panel of experts but with active audience participation.

2. Details

Masterclass Session 1:
Title: Innovative Techniques for Improving Valuation Models: Concepts

Facilitator: **Andrew Coote, Chief Executive, ConsultingWhere UK**
Date / Time: **Friday 23rd March 9:00 – 10:30am**
Location: **MC 8-100**
WB Reference: 986

Abstract

Keynote: Kathrine Kelm, World Bank: cost-effective data capture for cities in developing countries using drones.

Technological advances are facilitating the creation of improved valuation models.

New aerial systems which combine oblique and vertical imagery to produce high resolution city models are being used in some developed countries, whilst Unmanned Aerial Vehicles (drones) are being deployed in some developing nations to great effect. Satellite imagery is also becoming of sufficient resolution to play an increasing role, particularly for change detection.

Big data solutions for processing such sources and integration with existing "in-situ" data sources, such as addresses and cadastres, are also developing very rapidly.

These advances are now being increasingly deployed in developed countries and have also been prototyped in a few developing nations. This session will discuss the technological basis of these techniques, the current state of the art and the future potential through a case study presentation, followed by a panel discussion designed to critically analyse the applicability of these techniques to developing countries particularly African cities.

Panellists: Kathrine Kelm, World Bank

Peter Hedlund, Ordnance Survey

Tina Svan Colding, Ministry of Taxation, Denmark

Masterclass Session 2:
Title: Innovative Techniques for Improving Valuation Models: Case Studies

Facilitator: Andrew Coote, Chief Executive, ConsultingWhere
Time: Friday 11:00 – 12:30
Location: MC8-100
WB Reference: 985

Abstract:

This builds on the preceding session by looking at case studies and seeking to learn from their experiences to give guidelines for wider application.

The keynote reports on the national acquisition of oblique and street view data in Denmark and their use to build 3D geospatial city models for assessing a property's view and proximity to amenities such as water, public transport, health and educational facilities.

 The panel will consider this and the previous presentations during the conference to help distil best practice and chart of way forward to wider implementation. The audience will be invited to raise issues and challenge the panel to suggest solutions through an interactive debate.

Panellists: Tina Svan Colding, Ministry of Taxation, Denmark

Paul Bidanset, International Association of Assessing Officers

Rumyana Tonchovska, Food and Agriculture Organisation