

Publications, Articles, Presentations:

On this page you will find links to publications authored and co-authored by Walter Volkmann of Micro Aerial Projects as well as links to recorded presentations given by Walter and Oliver Volkmann. Included as well is a sampling of news articles or reports from projects done around the world for entities such as the World Bank, the Millennium Challenge Corporation, IRPF and the Terra Institute.

2014

Presentation given at the Florida ASPRS Annual Conference: <http://youtu.be/kjILicml4iE>

Paper presented at **International Federation of Surveyors Congress** held May/June, 2014, **Kuala Lumpur, Malaysia:**

Virtual Surveying: Mapping and Modeling Cadastral Boundaries Using Unmanned Aerial Systems (UAS) (Cadastre, Land Management, Security of Tenure, Spatial Planning, UAS); Walter Volkmann and Grenville Barnes, USA

http://www.fig.net/pub/fig2014/papers/ts09a/TS09A_barnes_volkmann_7300.pdf



Europe Geospatial Digest, July 2014: **Albania Uses UAS for Development Projects:** Kathrine Kelm, World Bank; Romyana Tonchovska, FAO; Walter Volkmann, Micro Aerial Projects:

<http://geospatialworld.net/Paper/Technology/ArticleView.aspx?aid=31033>

Presentation at INSPIRE 2014 (Infrastructure for Spatial Information in the European Community): Unmanned Aerial Systems (UAS) Innovation for affordable, improved and accelerated spatial data: Kathrine Kelm, the World Bank; Romyana Tonchovska; FAO, Walter Volkmann, Micro Aerial Projects, LLC:

http://inspire.ec.europa.eu/events/conferences/inspire_2014/pdfs/19.06_1_09.00_Kathrine_Kelm.pdf



Paper prepared for presentation at the 2014 **World Bank Conference on Land and Poverty**, March 24 – 27, 2014, **The World Bank, Washington DC**:

Drones for Peace: Part 1 of 2, Design and testing of a UAV based Cadastral Surveying and Mapping Methodology in Albania: Grenville Barnes, Walter Volkmann, Romeo Sherko, Kathrine Kelm

http://www.academia.edu/6494670/Drones_for_Peace_Part_1_of_2_Design_and_Testing_of_a_UAV-based_Cadastral_Surveying_and_Mapping_Methodology_in_Albania_-_Micro_Aerial_Projects_LLC_-_ikubINFO_Ltd_-_World_Bank

See also Article in **Scidev.net**: **Drones Help World Bank Projects by Mapping Land** (note: the actual drone used was a Steadidrone, not the one pictured)

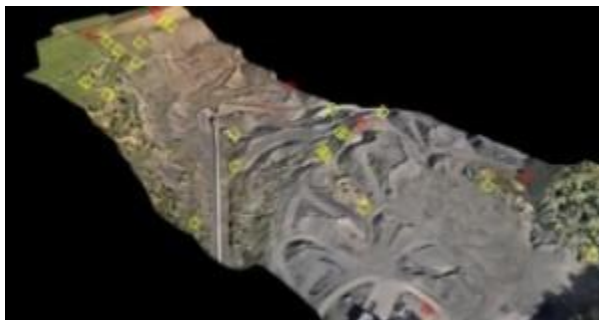
<http://www.scidev.net/global/technology/scidev-net-at-large/drones-help-world-bank-projects-by-mapping-land.html>

2013



Summary of presentation given at the Annual **World Bank Conference on Land and Poverty**, April 8 – 11, 2013, Washington, D. C. , see p. 101 for summary:

ftp://ftp.unccd.int/disk1/Library/Adlib_Catalogued_books/383_Agenda.pdf



Feature article appearing in **GIM International (Mapping the World) Magazine**, April 2013:

UAS as a Tool for Surveyors: From Tripods and Trucks to Virtual Surveying; Tom Op't Eyndt, GeolD, Belgium, and Walter Volkmann, Micro Aerial Projects, USA

http://www.gim-international.com/issues/articles/id1975-UAS_as_a_Tool_for_Surveyors.html

White Paper: Virtual Surveying: Using Drones and Mouse Clicks instead of Trucks and Tripods:

Tom Op 't Eyndt, GeolD, Belgium; Walter Volkmann, Micro Aerial Projects, USA:

<http://www.positionpartners.com.au/brochures/VirtualSurveyingWhitePaper.pdf>

2012



Advanced Surveying Course in Kenya, IRPF (International Real Property Foundation): Report on Advanced Surveying Techniques course conducted in Nairobi, Kenya by IRPF Consultants Grenville Barnes and Walter Volkmann: see Page 11:

<http://www.irpf.org/sites/default/files/Annual%20Report%202012.pdf>

2009

Article: Millenium Challenge Corporation Project in Benin:

Reducing Poverty Through Growth (in French)

<http://www.mcabenin.bj/en/node/3253>



2008

CONSULTANCY FOR THE IMPLEMENTATION OF THE TURKS AND CAICOS CROWN LAND POLICY: Kevin Barthel, Dr. Thackwray Driver, Sean Johnson, Prof Tom Johnson, Prof. Grenville Barnes, Walter Volkmann;

prepared by the **Terra Institute** for the **Ministry of Natural Resources of the Turks and Caicos Government**

<http://www.terrainstitute.org/pdf/TCI%20FinalReport.pdf>

2007

Geodetic Infrastructure: power point presentation by Walter Volkmann:

http://www.powershow.com/view1/227045-ZDc1Z/GEODETTIC_INFRASTRUCTURE_powerpoint_ppt_presentation

1997 – 1998

ITRF Network for Namibia

Project Lead: Walter Volkmann, African Geomatics, Windhoek, Namibia; Diether Engelhard; Sibylle Engelhard; VOLKMANN LAND SURVEYORS

Data-Processing – Organisation: Prof. Dr.-Ing. Reiner Jäger, Fachhochschule Karlsruhe.

http://www.geozilla.de/projects.network_for_namibia.php

Download ITRF Network for Namibia Poster:

[Download ITRF Network for Namibia Poster \(pdf, 66KB\).](#)

Download ITRF Network Status Report 2002:

[Download ITRF Network status report 2002 \(pdf, 135 KB\)](#)