



# AFRICA DRONES CONFERENCE 2020

27 & 28 AUGUST



Drones use in Industry 4.0

**LIVE  
WEBINAR**

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CESA-1711-03/2023



## TOPICS OF DISCUSSION INCLUDE:

Drones use case studies in Mining, Construction, Survey and Mapping, Geotechnical Investigations, Civil engineering services, Insurance, Disaster management, Municipalities, Licensing and Regulation, Geophysics and Remote Sensing, geoscience and geological mapping, Geophysics and Remote Sensing, Big Data, Health, Agriculture, Security and inspection



## SPEAKERS INCLUDE

### Chris Kirchoff

Professional Land Surveyor  
5Dsurvey

### Paul Damien Mooney

Project Manager: Airborne Drone & Underwater Glider Research  
Nelson Mandela University

### Sam Twala

Technical and Business Director  
Ntsu Aviation Solutions

### DR BONGANI SITHOLE

HEAD: Gauteng Provincial Disaster Management Centre and Provincial Fire & Rescue Services  
GAUTENG Department of Cooperative Governance and Traditional Affairs

### Richard Matchett

Digital Practice Leader  
Aurecon

### Kiasha Nagiah

Senior Associate  
Norton Rose Fulbright South Africa Inc

### Pierre Naude

Consultant  
Norton Rose Fulbright South Africa Inc

### Kim James

Director  
Drone Guards



Remarkable Geospatial Solutions



NTSUAVIATION SOLUTIONS  
Ntsu Aviation Solutions



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fax to 086 552 7176 or call 011 886 0433 / 082 222 5182

For more information on how to participate contact: [grace@vukanicomms.co.za](mailto:grace@vukanicomms.co.za), [www.vukanicomms.co.za](http://www.vukanicomms.co.za)



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## Conference Background

Vukani Communications is back again with the best drones show in the country for the fifth year round. The conference has continued to grow from strength to strength since the inaugural conference in 2016. This year, the Africa Drones Conference 2020 edition will cut across all industries that have embraced the use of this technology that boasts of endurance and intelligence.

Drones technology continues to offer companies and individuals various opportunities. This technology has enabled the optimisation of projects and maintenance costs within the various industries. Also, drones use in monitoring of infrastructural projects, construction sites inspections, utility inspections, health and safety, maintenance inspections, project progress reports has of late gained traction. With AI starting to move into the drone space, most companies have started embracing the use of these two cutting edge technologies and will no doubt produce a quantum leap in useable data that will help reduce cost, increase safety and maximise performance.

Not to be left out, is how drone technology has impacted positively in industries such as mining industry, engineering, construction, municipalities, utilities, academia amongst other industries. Drones have facilitated the collection, and subsequent, processing, of more data than in the past, and this is pushing innovation mine-wise as data management processes are enhanced to ensure that other functional areas also benefit from the technology. Above all, the drones have drastically led to elimination of much of human especially in producing accurate surveys. In some mines the drones are being used for engineering inspections for equipment's that cannot be easily accessed which dramatically eliminates safety risk.

Despite the obstacles posed by the prevailing regulatory environment pertaining to the licensing of Drones, the conference is geared towards the provision of provision of positive deliberations regarding the regulatory policies of the UAVs. This is therefore, a must attend conference for those who would like to keep themselves abreast with the drones technology in this industry 4.0 revolution.

### Sectors (But not limited to)

- Construction and engineering
- Mining
- Municipalities
- Utilities Inspection
- Health
- Insurance
- Policing
- Public safety
- recreation
- Search and rescue
- Surveillance

- Survey and Mapping
- Transport and inspection
- Building surveys
- Insurers
- Brokers
- Regulators
- Aviation industry participants
- Private investors
- Venture capitalists
- Insurance Company Executives
- Underwriters
- Risk Managers
- Chief Executives
- Operations executives and managers
- Precinct and Site Management – Commercial Property
- Government Officials
- Scientists
- Academics
- Engineering

### Topics to be discussed include (But not limited to)

- Big Data, Peripheral Vision
- Maintenance inspections
- Construction site inspections
- Transportation and inspections
- Survey and mapping
- Criminal investigation and artificial intelligence
- Crucial data collection for safety and security applications
- Disaster Management
- Drone insurance
- Drone licencing and regulations
- Responsible drone operations
- Drone technology applications in mining environments
- Drone use in crime investigations
- Drones use in medication transportation
- Emerging risks and implications of using automated drones in the construction sector
- Regulatory requirements
- Importance of drones use in the municipalities
- Photogrammetry practise and equipment
- Software's available for survey and mapping
- Surveys that can be done by drones
- The dynamic use of security drones in mining environment
- CCTV pipeline inspection
- Geotechnical investigations
- Civil engineering services

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Organised by



## REGISTRATION FORM

To register, please complete form below

**Participant 1:** \_\_\_\_\_

Designation: \_\_\_\_\_

Company / Organisation: \_\_\_\_\_

Email: \_\_\_\_\_

Phone: \_\_\_\_\_

**Participant 2:** \_\_\_\_\_

Designation: \_\_\_\_\_

Company / Organisation: \_\_\_\_\_

Email: \_\_\_\_\_

Phone: \_\_\_\_\_

**Participant 3:** \_\_\_\_\_

Designation: \_\_\_\_\_

Company / Organisation: \_\_\_\_\_

Email: \_\_\_\_\_

Phone: \_\_\_\_\_

Postal Address: \_\_\_\_\_

Person dealing with accounts: \_\_\_\_\_

Country: \_\_\_\_\_

Company VAT No: \_\_\_\_\_

Email Address: \_\_\_\_\_

Signature: \_\_\_\_\_

Date : \_\_\_\_\_

By completing and signing this form, the signatory accepts the terms and conditions as stated on the registration form.

Please indicate your choice of payment method

Bank Transfer

Cash Deposit

### Banking Details

Vukani Communication Consultancy (PTY)

First National Bank

Account No. 62584405867, Account Type : Cheque

Branch Name : Randburg Square

Branch Code: 261750

## CONFERENCE FEE

**R3,997** Per Delegate Excl. VAT

Conference fee above INCLUDES the following entitlements: Entrance to session and CPD points.

## REGISTER NOW

### Terms and Conditions

The following terms and conditions will apply

- Vukani Communication reserves the right, due to circumstances beyond our control, to change speakers, conference content, date and venue.
- The signed registration form is a binding contract.
- No seats will be reserved unless Vukani Communications receives a signed registration form.

### SUBSTITUTIONS:

- Delegate Substitution. Substitution is welcome at any time and do not incur any additional charges. Please notify Vukani Communication in writing of any such changes at least 3 days before the date of the event.

Please note that the speakers and topics were confirmed at the time of publishing however circumstances beyond the control of the organizers may necessitate substitutions, alterations or cancellations of the speakers and/or topics.

• As such, Vukani Communication reserves the right to alter or modify the advertised speakers and/or topics if necessary. Any substitutions or alterations will be updated and sent to you as soon as possible.

- Delegate substitution must be made in writing 7 days before the start of the event.

### CANCELLATION:

By signing and returning the registration form, the authorizing signatory on behalf of the stated company is subject to the following terms and conditions.

Charge of 50% of the Registration Fees, plus R700 (+VAT) Administrative charge will be made for cancellations received in writing at least 14 working days prior to the event.

For any cancellations received in less than 7 working days before the date of the event, the full fee will be payable and no refunds or credit notes will be given.

If registered delegate does not cancel and fails to attend the summit, this will be treated as cancellation and no refund or credit will be issued

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