1st African Conference on Precision Agriculture
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LOCAL PRESENTATIONS/POSTERS & ON DEMAND CONTENT

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Welcome to the 1st African Conference on Precision Agriculture (AfCPA). Below are lists of oral and poster presentations originating from your conference site. The list of on demand presentations were selected to be recorded in advance. A selection of these recordings are listed on your local conference agenda, but all on demand video content is available to conference registrants from the website.

**LOCAL PRESENTATIONS/POSTERS & ON DEMAND CONTENT**

Assessment of the agronomic effectiveness of different phosphate amendment-based of Morocco phosphate rock (PR) and water soluble triple superphosphate (TSP) fertilizer on rice lowland yield in acids soils of West Africa Humid Zone / A.J. Bongoua-Devisme

The AgroCard-Côte d'Ivoire project / Nicole Aphing

Caractérisation architecturale pour la prédiction du potentiel de production des têtes de clones de Coffea Caenophora pierre ex a. froehner / Henri Kouassi

Changes in climatic factors lead to the change in cultural wedging of rice in the Ivorian pre-forest zone / Casimir Brou

Les engrais minéraux issus du diagnostic sol améliorent la fertilité chimique et la production cacaoyer à l’Est, au Centre-Sud et au Sud-Ouest de la Côte d’Ivoire / Acka Kotaix

Cartographie interactive des exploitations de noix de cajou des producteurs de la coopérative COPRODIGO de Gohitafia / Siaka Koné

**ON DEMAND CONTENT - RECORDED**

Implementation of Proximal Soil Sensing, Data Fusion and Machine Learning to Improve Phosphorus Management at a Field Scale / Abdelkrim Lachgar

Nutrient management tailored to smallholder agriculture enhances productivity and sustainability / Pauline Chivenge / Pauline Chivenge

A precision irrigation app for smart water management by farmers / Aziz Abouabdillah

Monitoring irrigation water use at large scale irrigated areas using remote sensing in water scarce environment / Mohamed Hakim Kharrou

Mechanisation of smallholders in Zambia by agrodealer development / Sven Peets

A review on Sensor based robotics agriculture: Improving traditional Agriculture Practices / Sachin C Karad

LiDAR-based soybean crop segmentation for autonomous navigation / Vitor A Higuti

Estimating soil organic carbon from cell phone images / Asim Biswas

Cashew Trees Detection and Yield Analysis using UAV-based Map / Thierry Roger Bayala

Estimating greensnap yield damage with canopy reflectance: a case study / Gabriel Dias Paiao

Market Acceptance and Willingness to Pay for Drone Technology in the Application of Pesticide for the Control of Fall Armyworm / Selorm Omega

Spectral assessment of chickpea morpho-physiological traits from space, air and ground / Ittai Herrmann


Development of Lodging Direction Determination System Using Image Processing / Yuta Arai

Monitoring Corn (Zea mays) Yield using Sentinel-2 and Machine Learning for Precision Agriculture Applications / Ahmed Kayad

Excellence in Agronomy 2030: A new CGIAR-wide initiative to deliver agronomy solutions at scale / Bernard Vanlauwe