# AFRICAN SPATIAL DELIGHT

SUPERMARKET FOR INNOVATIVE WATER AND ECOSYSTEM SERVICES



















#### FAO WaPOR - Africa

TOOL FOR BASELINING AND MONITORING PROJECTS' SUCCESS

Open-access portal using remote sensing technologies to monitor and report on agricultural water productivity

**Contact**: Elise van Tilborg (e.vantilborg@spaceoffice.nl)

Link to the site



## AfriAlliance Triple Sensing - Burkina Faso

ALL EYES ON WATER WITH THE AFRIALLIANCE TOOLBOX

The Triple Sensor approach combines inputs from satellites and in-situ station sensors with citizen observations on water & climate

**Contact**: Chris Mannaerts (c.m.m.mannaerts@utwente.nl)

Link to the site



## Flash Flood Forecasting - Ghana

FORECASTING APPLICATION

Residents get cell phone access to accurate flood predictions and warnings, to understand the level of risk and take precautions

**Contact**: Hanneke Schuurmans (hanneke.schuurmans@rhdhv.com) Link to the site



## Cropmon - Kenya

FIELD SPECIFIC CROP MONITORING AND ADVICE BY SMS FOR KENYAN FARMERS

The CropMon service provides small scale farmers with local weather forecasts. information on current crop growth and farm management advice by SMS

**Contact**: Fiona van der Burgt (fiona.vanderburgt@weatherimpact.com) Link to the site



# Maasai Mara Citizen Observatory - Kenya

BALANCING SUSTAINABLE LIVELIHOODS AND BIODIVERSITY MANAGEMENT

A platform for generating and sharing data and knowledge on sustainable livelihoods and biodiversity management

Contact: Luchiri Omoto (luchiri@upande.com)

Link to the site



#### STAMP - Mali

GARBAL. AN INFORMATION SERVICE FOR PASTORALISTS

Pastoralists get timely, reliable and affordable geo-satellite information via a call center on biomass & water to decide on their herd migration pathways

**Contact**: Catherine Le Côme (clecome@snv.org)

Link to the site



## Water Productivity Assessment - Mozambique

THIRDEYE. FLYING SENSORS

Flying Sensors and crop models to support farmers' decision making and improve water productivity

**Contact**: Gijs Simons (g.simons@futurewater.nl)

Link to the site



#### Floodtags - Mali

MAPPING AND MONITORING CRITICAL DEVELOPMENTS IN NIGER DELTA

Event data for drought modelling and food security by a smart combination of online media, user reported data and remote sensing

**Contact**: Jurjen Wagemaker (wagemaker@floodtags.com)

Link to the site



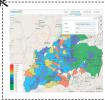
## Severe Weather Consult - Rwanda

WARNING SYSTEM AND APP FOR LIGHTNING AND FLOODS

The alerts warn city dwellers, business people, the tourism sector and farmers' cooperatives so they can act before weather related disaster hits

**Contact**: Dominique Myunabandi (dmyunabandi2020@gmail.com)

Link to the site

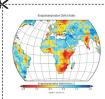


## Water Auditing - South Africa

REAL-TIME INSIGHT IN IRRIGATED WATER USE

Monitoring tool for water managers showing historical and current water use through irrigation by farmers based on satellite data

Contact: Leanne Reichard (Leanne.reichard@hydrologic.com) Link to the site



## EarthH2Observe - global

**GLOBAL WATER RESOURCES RE-ANALYSIS** 

A consistent dataset of the complete global water cycle to derive actionable information at the local scale

**Contact**: Micha Werner (m.werner@un-ihe.org)

Link to the site



## MajiSYS - global

AN OPEN SOURCE SOLUTION FOR MANAGEMENT AND VISUALIZATION OF YOUR HYDROLOGIC DATA Support monitoring activities by streamlining data collection and analysis

and providing real-time information for decision making Contact: Sammy M. Njuki (s.m.njuki@utwente.nl)

Link to the site

2 Project Coupons Project Coupons 3



## **VIA** Water

VIA Water is a programme of Aqua for All. We support innovative solutions for water problems in African cities. Our 60 projects receive financial support, but we also boost their work through training, coaching and matchmaking. Through all of this, we help turn ideas into reality.

Titia Wouters, Programme Manager (t.wouters@viawater.nl)

Link to the site



#### AfriAlliance

AfriAlliance is a EU H2020-funded project that aims to better prepare Africa for future climate change challenges by having African and European stakeholders work together in the areas of water innovation, research, policy and capacity development. This is implemented by means of an innovation platform: the Africa-EU Innovation Alliance for Water and Climate. AfriAlliance is represented here by IHE Delft Institute of Water Education and ITC.

Uta Wehn, Project Coordinator (u.wehn@un-ihe.org) Chris Mannaerts, Triple Sensor Lead (c.m.m.mannaerts@utwente.nl) Link to the site



## **G4AW**

The goal of the Geodata for Agriculture and Water Facility (G4AW) is to reach at least 4,5 million food producers with services that increase income, agricultural production and productivity and/or provide more resilience by 2022. The G4AW Facility is supporting its 23 partnerships in 14 countries (anno 2018) and is commissioned by the Ministry of Foreign Affairs of The Netherlands. Netherlands Space Office (NSO), the space agency of the Netherlands, executes the G4AW Facility.

Ruud Grim, Coordinator G4AW programme (r.grim@spaceoffice.nl)

Link to the site











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The AfriAlliance project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 689162.