



AfricaGIS 2021

AFRICAGIS 2021 CONFERENCE PROGRAMME (Subject to change)

Hosted by the Government of the Ivory Coast

Convened by EIS-Africa

In partnership with the African Union Commission (GMES and Africa) and the United Nations Economic Commission for Africa (UNGGIM-Africa/UN-SALB)

“Geospatial Innovation and Science for Africa’s Growth and Sustainable Development”

22nd to 26th November 2021

Sofitel Abidjan Hotel Ivoire

TIME	MONDAY 22nd NOVEMBER 2021			
08:00 - 09:00	REGISTRATION and EXHIBITION SET-UP Venue: PATINOIR			
PRE-CONFERENCE WORKSHOPS				
09:30 – 13:00	Workshop1a: (ODIENNE) ESRI Capacity Development Opportunities & Resources	Workshop 2: (ODIENNE) GMES and Africa AUC	Workshop 3: (Aboisso) UN-SALB-UNGGIM Africa	Workshop 4a (Daloa) <i>PLACE, BNETD</i> PLACE Pioneer Partner Program – putting data control and ownership back in the hands of government. Hands on drone mapping, image acquisition, data processing.
BREAK				
14:00 – 17:30	Workshop1b: (ODIENNE) ESRI Getting hands on with Africa GeoPortal – how will you use it?	Workshop 2: (ODIENNE) GMES and Africa AUC	Workshop 3: (Aboisso) UN-SALB-UNGGIM Africa	Workshop 4b: (Daloa) <i>PLACE, BNETD</i> Ground mapping, workflow, and GIS solutions with ESRI and Atas AI

TIME	TUESDAY 23 RD NOVEMBER 2021 OFFICIAL PROGRAM OPENING			
08:00 – 09:00	INSCRIPTION /REGISTRATION			
09:00 – 11:30	SESSION 1: OPENING CEREMONY & KEYNOTES (Salle/Room: Sofitel Abidjan Hotel Ivoire, Patinoire)			

	<p>09:00: Accueil et installation des autorités et des participants /Welcome</p> <p>09:30 - 11:30 Mot de Bienvenue/Welcoming Note (5 minutes each) Jean-Marc Yacé - Maire de Cocody</p> <ol style="list-style-type: none"> 1) Mr. Kinapara Coulibaly – DG/CEO BNETD 2) Mr. Sives Govender - AfricaGIS 2021 IOC 3) Mr. André Nonguierma, UNECA 4) Dr. Mahama Ouédraogo, Director HRST representing the African Union Commission <p>Keynote & Official Opening of the Conference by Prime Minister of the Côte d'Ivoire</p> <p>Panel Inaugural / Inaugural Panel:</p> <ol style="list-style-type: none"> 5) Dr. Tidiane Quattara (AUC-GMES in Africa) 6) Mr. Matthew Pennells (Esri) 7) Mr. Peter Rabley (Place) 8) Mr. Roberto Schinazi (GeoData) 9) Mr. Albert Anoubon Momo (Trimble) <p>Visites des stands par les autorités /VIP Official Exhibition Opening Walk and VIP Meet and Greet Sponsors Conférence de Presse / Press Conference</p>	
11:30 – 12:30	Visites des stands par les autorités /VIP Official Exhibition Opening Walk and VIP Meet and Greet Sponsors Conférence de Presse / Press Conference	
12.30 -13:30	DEJEUNER /LUNCH	
13:30 – 16:00	<p>SESSION 2A-B-C: TECHNICAL PLENARY (PATINOIRE)</p> <ol style="list-style-type: none"> 1. Keynote : Dr. Tidiane Quattara – The AUC’s vision for Africa (25 minutes) 2. GMES and Africa Consortia presentations: <ol style="list-style-type: none"> a. Highlights of Phase one (10 Minutes each from Consortia Leads) <p>Chairman : Dr Labaly Toure</p>	<p>2D. UN-SALB/UNGGIM-Africa <i>(Salle /Room: Aboisso)</i></p>
16:00 - 16:30	PAUSE CAFÉ / TEA BREAK	

<p>16.30 – 17:30</p>	<p>3A. Environment, Climate, Marine resource management (Salle /Room: PATINOIRE)</p> <p>1. Michel Tchotsoua; Modélisation des chutes de blocs rocheux dans la ville de Ngaoundéré (Cameroun)</p> <p>2. MOBIO Abaka Brice Herve Evaluation des potentialités piscicoles de la lagune Ebrié (Côte d’Ivoire) : apport de la géomatique</p> <p>3. ZAMBLE Guy Roland Surveillance de la zone économique exclusive (zee) de la Côte d’Ivoire par la detection des navires: apport de l’imagerie radar à synthèse d’ouverture (RSO) sentinel -1a</p> <p>4. WAKPO Mahougnon Jennifer Activités d’orpaillage clandestin et dégradation du couvert végétal dans la Sous-Préfecture de Worofla (Nord-Ouest de la Côte D’Ivoire): cas Des Villages De Kouego, Bangana Et Gbinmana</p> <p>Chairman:</p>	<p>3B. Geo-ICT4 Land Administration (Salle /Room: ODIENNE)</p> <p>1. CHRISTOPHER MULENGA; The Use of Geo Spatial Technologies in The Implementation of Participatory Land Use Planning In Eastern Province Of Zambia, University of Lusaka</p> <p>2. ITHRI AIT HOU; Successful projects of GEO ICT for sustainable land management in AFRICA. GEOLAMBERT</p> <p>3. ANDY WILSON; Building Better Data to Support Sustainable Urbanisation, a case study of Lusaka, Zambia, Africa, Ordnance Survey</p> <p>4. AURELIE MILLEDROGUES; Presentation of the SIGFU project in Ivory Coast and other projects completed by IGN FI in the land sector, IGN FI</p> <p>Chairman:</p>	<p>3C GMES and Africa (Salle /Room Daoukro)</p>	<p>3D. UN-SALB/UNGGIM-Africa (Salle /Room: Aboisso)</p>
<p>18:30 -21:30</p>	<p align="center">DINER GALA /CONFERENCE DINNER (Salle /Room: Auditorium Sofitel Abidjan Hotel Ivoire)</p>			

TIME	WEDNESDAY 24TH NOVEMBER 2021			
08:00 – 09:00	REGISTRATION			
09:00 – 11:00	<p>SESSION 4 : TECHNICAL PLENARY (PATINOIRE) Sponsors Keynote Plenary (25 minutes each) (INNOVATION, PRODUCTS, SERVICES AND PARTNERSHIPS WITH AFRICA)</p> <ol style="list-style-type: none"> 1. PLACE, Peter Rabley, Managing Partner: Disrupting how the Earth is mapped. 2. Trimble, Albert Anoubon Momo, Vice President & Executive Director Emerging Markets and Funded Projects: Trimble is transforming the way the world works by delivering products and services that connect the physical and digital worlds. From purpose-built products to enterprise lifecycle solutions. 3. GEODATA, Raphael Aminov, GIS and Mapping expert: Geospatial solutions and land management systems as an efficient way to support the creation of an urban cadastre and enhancing property registration 4. Esri, Pauline Okeyo, Esri Solution Engineer: Update from Esri on the latest user stories and geospatial solutions. Highlighting how users across the continent and globe continue to use technology to solve real challenges. 5. MAXAR, Ken Adabie, Sales Manager: The Value of Earth Observation Solutions for Geospatial Information Maxar's innovative business connects their Space Infrastructure capabilities with their Earth Intelligence Solutions to help Governments and Commercial Customers solve problems on Earth and Beyond. An overview of Maxar's Satellite constellation and Earth Intelligence Portfolio. <p>Chairman: Mr. Sives Govender</p>			
1100 - 11:30	PAUSE CAFÉ / TEA BREAK			
11:30 – 13:00	<p>5A. Environment, Climate, Marine resource management (Salle /Room: PATINOIRE)</p> <p>1. El Hadji SOW</p>	<p>5B. WORKSHOP - GEODATA Land Management Workshop (Salle /Room: ODIENNE)</p>	<p>5C GMES and Africa (Salle /Room Daoukro)</p>	<p>5D. UN-SALB/UNGGIM-Africa (Salle /Room: Aboisso)</p>

	<p>Dynamique spatio temporelle de la mangrove de la reserve de biosphere du delta du Saloum (RDBS) et analyse de la vulnérabilité des communautés face aux changements climatiques</p> <p>2. Beugre Yves Study of the spatio-temporal variability of the toxicity of phytoplankton groups in Ivorian coastal marine waters from 2010 to 2020: Contribution of geospatial techniques</p> <p>3.BAKA Derving ; Usage d'images haute résolution issues de drones pour la cartographie de zone d'inondation</p> <p>4.Eugène Kouadio KONAN; Apport des SIG dans la gestion du foncier urbain : cas de la commune de Bingerville (Côte d'Ivoire).</p> <p>Chairman:</p>	<p>GEODATA workshop on Land Management presented by Raphael Aminov and Benny Weiss</p>		
<p>13:00 – 14:00</p>	<p>DEJEUNER /LUNCH</p>			
<p>14:00 – 15:30</p>	<p>6A. Environment, Climate, Marine resource management (Salle /Room: PATINOIRE)</p>	<p>6B. Geospatial Mapping innovation & Innovative technologies to address Disasters (Salle /Room: ODIENNE)</p>	<p>6C GMES and Africa (Salle /Room Daoukro)</p>	<p>6D. UN-SALB/UNGGIM-Africa (Salle /Room: Aboisso)</p>

	<p>1.Gilles MARTIN. Presentation of the ECCAS regional project on hazards, vulnerabilities and risks, IGN FI</p> <p>2.CRAIG MAHLASI. Continuous land cover change detection in Subtropical Thicket ecosystems, University of Cape Town, South Africa</p> <p>3.ANDY WILSON. Securing a sustainable future for Africa, Africa, Ordnance Survey</p> <p>4.BORIS OUATTARA. Filling Gaps in Landscape Fire Detection, Smoke and Management in Africa, University of Würzburg, Germany</p> <p>Chairman:</p>	<p>1.KPEGNE Kakayo Realization of remote WebSIG of photovoltaic microgrid in Conakry (Guinea)</p> <p>2.MATINGO KUMBIRAI N; COVID-19 Hub for Zimbabwe, African Surveyors Connect</p> <p>3.KONAN MAUBAH STEPHANIE. The contribution of GIS in the fight against child malnutrition in Côte d'Ivoire: The case of the mobile application IMSA (Infant Malnutrition System Alert), UFHB</p> <p>4.OLAKUNLE OLADOSU; Utilization of Earth Observation Data in Flood Monitoring and Assessment: GMES - CSSTE Consortium Capacity Building Efforts, CSSTE, Nigeria</p> <p>Chairman:</p>		
15:30 -16:00	PAUSE CAFÉ / TEA BREAK			
16:00 – 17:30	<p>7A. Geo-ICT for Land Administration & Environment, Climate, Marine resource management (Salle /Room: PATINOIRE)</p> <p>1. BEN ADDOU IDRISSE Kamal; Fiscalité urbaine : Quel apport de l'Information géographique</p>	<p>7B. Environment, Climate, Marine resource management (Salle /Room: ODIENNE)</p> <p>1.DR. INNOCENT BELLO; Gmess-Mifmass Gis-Based Flood Damage Impact Assessment in West Africa: Benin, Ghana, Burkina Faso, Cote D'Ivoire And Nigeria, CSSTE – Nigeria</p> <p>2.DAN KANMEGNE TAMGA;</p>	<p>7C GMES and Africa (Salle /Room Daoukro)</p>	<p>7D. UN-SALB/UNGGIM-Africa (Salle /Room: Aboisso)</p>

	<p>2. OUATTARA Marie-Antoinette, note conceptuelle plateforme IMAGES.</p> <p>3. Serge Olivier KOTCHI Earth observation and risk mapping of emerging infectious diseases linked to climate change: The case of Lyme disease in Canada</p> <p>4. DIBI N'Da Hyppolite ; Cartographie par imagerie Sentinel-2A du phénomène de la dégradation forestière par la pratique de Cacao Culture sous couvert forestier dans la forêt classée de YAPO ABBE, au sud de Côte d'Ivoire Chairman:</p>	<p>Modelling the spatial distribution of the classification error in cocoa agroforestry systems, University of Wuzburg</p> <p>3. JUDE ADELEKE; Monitoring and the Mitigating effects of Flood Disasters In Western Africa with 'MiFMASS Flood-Reporter': From Mobile Devices To a Cloud-based Database, NASRDA</p> <p>4. MAGGIE MUNTHALI; Variations of ecosystem service values as a response to land use and land cover dynamics in Central Malawi, MwAPATA Institute Chairman:</p>		
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TIME	THURSDAY 25TH NOVEMBER 2021
08:00 – 09:00	REGISTRATION
09:00 – 11:00	<p>SESSION 8 : TECHNICAL PLENARY VENUE : PATINOIRE</p> <p>Earth Observation and Geospatial technologies for integrated built environment and natural resources management for Africa's development</p> <ol style="list-style-type: none"> 1) UN-GGIM: Africa Geospatial Information Management in Africa (Mr. Oumar H. Ka – Chair UN-GGIM: Africa) 2) EO4Africa by AUC & European Space Agency 3) AIRBUS <p>Chairman:</p>
1100 - 11:30	PAUSE CAFÉ / TEA BREAK

<p>11:30 – 13:00</p>	<p>9A. Innovative technologies to address Disasters (e.g., COVID-19) and Health & Smart Spatial Solutions for Sustainable Development (Salle /Room: PATINOIRE)</p> <p>1. GNAZALE G. GUY ROGER; Prospective mapping of Schistosomian risk by Markovian modelling and multi-criteria analysis in central Côte d'Ivoire.</p> <p>2. Adonis KOUAME Contribution des SIG à l'analyse des besoins en Établissements Sanitaires de premier Contact dans la Commune de Cocody</p> <p>3.Valère-Carin JOFACK SOKENG Observation de la terre et machine Learning: une opportunité pour le suivi en temps réel des territoires en Afrique Chairman:</p>	<p>9B. PLACE workshop (Salle /Room: ODIENNE)</p>	<p>9C. GMES and Africa (Salle /Room: Daoukro)</p>	<p>9D. UN-SALB/UNGGIM-Africa (Salle /Room: Aboisso)</p>
<p>13:00 – 14:00</p>	<p style="text-align: center;">DEJEUNER /LUNCH</p>			

<p>14:00 – 15:30</p>	<p>10A. Globally significant geospatial applications for private sector partnerships & Funding leverage to support Geospatial Activities in Africa (Salle /Room: PATINOIRE)</p> <p>1.ERIC THAGOTT; Globally significant geospatial applications for private sector development, IGN FI Chairman:</p>	<p>10B. WORKSHOP: Empowering Census Workflows with Satellite Data and Geospatial Tools (MAXAR & ESRI) (Salle /Room: ODIENNE)</p> <p>Presented by: Pauline Okeyo, Senior Solution Engineer, Esri and Jeremy Bercher, Senior Sales Engineer, Maxar</p>	<p>10C. GMES and Africa (Hackathon session TBA) (Salle /Room: Daoukro)</p>	<p>10D. UN-SALB/UNGGIM-Africa (Salle /Room: Aboisso)</p>
<p>15:30 -16:00 PAUSE CAFÉ / TEA BREAK</p>				
<p>16:00- 17:30</p>	<p>11A. Geospatial Innovations (Salle /Room : PATINOIRE)</p>	<p>11B. Sustainable Agriculture and Food Security (Salle /Room: ODIENNE)</p> <p>1.Benoit KIENE; Agro-ecological zoning of the territory in Guinea: presentation of the project, IGN FI 2.BUYUNGO, J. Estimation of chlorophyll-a on Lake Victoria using satellite based multi-linear regression models, Makerere University</p> <p>Chairman:</p>	<p>11C. GMES and Africa (Salle /Room: Daoukro)</p>	<p>11D. UN-SALB/UNGGIM-Africa (Salle /Room : Aboisso)</p>

TIME	<p style="text-align: center;">FRIDAY 26TH NOVEMBER 2021</p>
08:00 – 09:00	<p style="text-align: center;">REGISTRATION</p>
09:00 – 11:00	<p>SESSION 12 : PLENARY SESSION VENUE: PATINOIRE</p> <p style="padding-left: 40px;"> 1) OGECI 2) WGIC message - Dr. Barbara Ryan – video message 3) UNGGIM Academia – Prof Maria Antonia Brovell – video message 4) Ethical GEO- The Locus Charter and value to Africa – Mr. Peter Rabley (Place) Chair: </p>
1100 - 11:30	<p style="text-align: center;">PAUSE CAFÉ / TEA BREAK</p>
11:30 – 13:00	<p>SESSION 13: PLENARY SESSION VENUE: PATINOIRE</p> <p style="padding-left: 40px;"> Official Closing Ceremony by the Guest of Honour Closing Ceremony – </p> <p style="padding-left: 40px;"> 1) African Union Commission 2) UNECA: UNGGIM Africa 3) Erick Khamala Foundation (Ms. Vivianne Meta – EKF) (5 minutes) 4) EIS-AFRICA -IOC Announcements: AfricaGIS 2023 call to host 5) BNETD -LOC </p>
13:00 – 14:00	<p style="text-align: center;">DEJEUNER /LUNCH</p>