

CGIAR Convention on Big Data in Agriculture

19-23 October | Online & global

Registration: <https://bigdata.cgiar.org/virtual-convention-2020/>

Live agenda: <https://bigdata.cgiar.org/virtual-convention-2020/schedule/>

Help us spread the word! #BDPGLOBAL2020 #OneCGIAR

About the event

The fourth annual Big Data in Agriculture Convention will be a fully virtual, #OneCGIAR event, engaging a wide audience of more than 2,500 researchers, private sector stakeholders, investors, agripreneurs, and youth delegates from around the globe.

With the event theme 'Digital Dynamism for Adaptive Food Systems' we'll focus on natural and digital ecosystems, food security in times of crisis, inclusive digital transformation, and agile digital technologies.

Help us to spread the word! We've made it easy for you with our social media toolkit. This includes a set of suggested posts and a collection of web cards and images to get you started. Feel free to edit and add your personal twist! Don't forget to use the event hashtags **#BDPGLOBAL2020** and **#OneCGIAR**.

NEWSLETTER BLURB: The upcoming [CGIAR Convention on Big Data in Agriculture](#), 19 – 23 October 2020, will be a fully virtual, #OneCGIAR convention, engaging a wide audience of more than 2,500 researchers, private sector stakeholders, donors and investors, and entrepreneurs from around the globe.

Under the theme of Digital Dynamism for Adaptive Food Systems, the convention will focus on several subtopics, including natural and digital ecosystems, food security in times of crisis, inclusive digital transformation, agile digital technologies, and natural and digital ecosystems. Register [here](#) for #BDPGLOBAL2020.

Social media messages | [SM images can be found here](#)

Jump to:

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- [Speakers](#)
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- [CGIAR Center engagement](#)

GENERAL CONVENTION MESSAGES

Twitter

1. The @CGIAR Convention on #BigDataInAgriculture will be the 1st #OneCGIAR convention, offering a glimpse of how each of the global Centers is employing dynamic #digital methods to combat food security challenges flowing from current crises. Register now: <https://bit.ly/3ejfnPb>
2. At the 1st #OneCGIAR convention on #BigDataInAgriculture, we'll take a look at how the global #Centers are using #digital methods to combat food security challenges flowing from current crises. Join us for the free virtual event: <https://bit.ly/3ejfnPb> #BDPGLOBAL2020
3. Digital tools are effective when designed w/ adaptability, interoperability & precision. Register for the #OneCGIAR Convention on #BigDataInAg to explore how tech can build resilient food systems & stakeholders can build tech for changing challenges: <https://bit.ly/3ejfnPb>
4. Key themes at the upcoming @CGIAR Convention on #BigDataInAg include:
 - 📱 Agile digital #tech
 - 🌱 Natural & #digital ecosystems
 - 🍲 #FoodSecurity in a time of crisis
 - 🤝 Inclusive digital transformation.
 Join the conversation by registering today: <https://bit.ly/3ejfnPb> #OneCGIAR
5. The countdown is on to the @CGIAR Convention on #BigDataInAg! Register soon to save your spot. Expand your network, gain industry insights, & discover cutting edge #tech at the 1st #OneCGIAR convention: <https://bit.ly/3ejfnPb>

Facebook & LinkedIn

1. Key themes at the upcoming @CGIAR Convention on #BigDataInAg include:
 - 📱 Agile digital #tech
 - 🌱 Natural & #digital ecosystems
 - 🍲 #FoodSecurity in a time of crisis
 - 🤝 Inclusive digital transformation
 Join the conversation by registering for #BDPGLOBAL2020, check out featured speakers & view the live agenda: <https://bit.ly/3ejfnPb> #OneCGIAR
2. At the @CGIAR Convention on #BigDataInAgriculture, the 1st #OneCGIAR hosted event, we'll take a look at how the global #Centers are using #digital methods to combat food security challenges flowing from current crises. Join us for the free, virtual event: <https://bit.ly/3ejfnPb>
3. The @CGIAR Convention on #BigDataInAgriculture will be the 1st #OneCGIAR hosted event, offering a glimpse of how each of the global Centers is employing dynamic #digital methods to combat food security challenges flowing from current crises. REGISTER NOW: <https://bit.ly/3ejfnPb>
4. The @CGIAR Convention on Big Data in Agriculture 2020 is fast approaching! Have you registered? Through the event theme, Digital Dynamism for Adaptive Food Systems, we will examine food system resilience and highlight how #digital tools and technologies can help us sense, respond and (re)build better systems in times of global food security crises. Free & fully online, 19-23 October: <https://bit.ly/3ejfnPb> #OneCGIAR
5. 2020 has presented us with a unique opportunity to “walk the talk” on agile, adaptive, digitally-enabled collective action. The annual @CGIAR Convention on #BigDataInAgriculture will

be an inclusive, accessible & fully online event. Register now to join #BDPGLOBAL2020, 19-23 October: <https://bit.ly/3ejfnPb> #OneCGIAR

Instagram

1. The CGIAR Convention on Big Data in Agriculture 2020 is fast approaching! Have you registered?
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The Convention will be the 1st #OneCGIAR hosted event and will examine food system resilience and highlight how #digital tools and technologies can help us sense, respond and (re)build better systems in times of global food security crises.
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Free & fully online, 19-23 October. Register here: <https://bit.ly/3ejfnPb>
2. Digital tools and technologies are effective when they are designed with adaptability, interoperability, and precision in mind. At the upcoming CGIAR Convention on Big Data in Agriculture, we'll explore not only how technologies can build resilient food systems, but how stakeholders can build technologies that respond and adapt to changing challenges.
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Free & fully online, 19-23 October. Register here: <https://bit.ly/3ejfnPb>

SPEAKER MESSAGES

1. Danielle Wood is a scholar of societal development with a background that includes satellite design, earth science applications, systems engineering, and #technology policy. Hear from Dr. Wood at #BDPGLOBAL2020: <https://bit.ly/3ejfnPb> @space_enabled #OneCGIAR
2. Alpha Sennon, also known as AgriMan, is on a mission to fix food. He's a farmer, entrepreneur and youth leader, and he's turning agriculture into agri-coolture. Hear his story at #BDPGLOBAL2020: <https://bit.ly/3ejfnPb> @WHYFarmit #OneCGIAR
3. There's a need for transparency & accountability in food systems—ensuring they're sustainable for our planet & population. Maximo Torero Cullen, Chief Economist at @FAO, will weigh in on #digital dynamism & #data at #BDPGLOBAL2020: <https://bit.ly/3ejfnPb> @MaximoTorero #OneCGIAR
4. Scaling up innovative finance for smallholder farmers & small and medium enterprises is a priority for Sara Mbago-Bhunu, Director of @IFAD's East and Southern Africa Division. Hear her at #BDPGLOBAL2020: <https://bit.ly/3ejfnPb> @SaraMbago #OneCGIAR
5. Lin Nease is an @HPE Fellow & Chief Technologist for HPE Pointnext's IoT practice--setting strategy, building a #tech plan & driving #innovation. Learn more about his work at #BDPGLOBAL2020: <https://bit.ly/3ejfnPb> #OneCGIAR
6. Curious about the state of the evidence in #digital agriculture? Hear from development economist Raissa Fabregas on evaluating digital extension at #BDPGLOBAL2020: <https://bit.ly/3ejfnPb> @raissafabregas #OneCGIAR
7. A passionate advocate for achieving #genderequality through eliminating gender bias from major #data sources, Executive Director of @Data2x Emily Courey Pryor works to improve

gender data & its uses. One to watch at #BDPGLOBAL2020! <https://bit.ly/3ejfnPb> @emilycpryor #OneCGIAR

8. If you love food & goats like Jessica Fanzo, a Bloomberg Distinguished Professor of Food Policy & Ethics @JohnsHopkins, join #BDPGLOBAL2020 to hear her speak about making food systems more sustainable for our planet & population: <https://bit.ly/3ejfnPb> @jessfanzo
9. Kyriacos Koupparis is an expert in #science & #tech policy & #innovation programs that advance global prosperity & #sustainability. Hear from him about #digital innovation in the time of #COVID19 at #BDPGLOBAL2020: <https://bit.ly/3ejfnPb> @koupparisk #OneCGIAR
10. How can #tech reduce agriculture's impact on the environment? Join the conversation at #BDPGLOBAL2020 to hear from Andrew Knepp, VP Environmental Strategy & Industry Activation at @Bayer4Crops: <https://bit.ly/3ejfnPb> #OneCGIAR

SESSIONS

1. How do we operationalize #sustainability aims & existing #data to create trusted, timely, actionable & credible info to guide collective actions? Join the discussion in '**Digital dynamism & the data**' at #BDPGLOBAL2020: <https://bit.ly/3ejfnPb> #OneCGIAR @jessfanzo @MaximoTorero
2. Responses to #COVID19 have accelerated #digital transformation across many sectors, agriculture included. Hear about **digital #innovation in the time of #COVID19** from @VikasRaj1 @BlockchainBitch @koupparisk: <https://bit.ly/3ejfnPb> #OneCGIAR
3. Explore the past, present & future of ag research & examine emerging computational tools that can be used to derive answers to key Qs about sustainability, food systems, and development in the '**Computational Sustainability**' session at #BDPGLOBAL2020: <https://bit.ly/3ejfnPb> #OneCGIAR
4. What's the state of the evidence on #digital agriculture? 📱🌱 How can stakeholders provide resources to connect efforts & interventions? Tune in to the session at #BDPGLOBAL2020 to hear from @raissafabregas @JMockshell & @JaronPorciello. Register: <https://bit.ly/3ejfnPb> #OneCGIAR
5. #Digital tools often fall short when they're designed for users, rather than w/ them. Human-centered design presents an opportunity to shift this paradigm. Join the session on **#HCD & #gender** at #BDPGLOBAL2020: <https://bit.ly/3ejfnPb> #OneCGIAR @saparaba @NaaShomeh @michellemng
6. Join the **#genderdata** session at #BDPGLOBAL2020 to examine knowledge gaps relating to the gender #digital divide, as well as efforts to improve gender #data annotation & findability: <https://bit.ly/3ejfnPb> #OneCGIAR @ReviSterling @emilycpryor @csibthorpe @medha_devare

CGIAR CENTERS

- Africa region
 - **Africa Rice Center**: . @AfricaRice is helping rice farmers in Africa with #BigData and #DigitalTools. Take a look at their #digital dynamism in this short video from #BDPGLOBAL2020: <https://bit.ly/3mdt59w> #OneCGIAR
 - **IITA**

- As part of the #OneCGIAR response to current crises & challenges facing today's world, @IITA_CGIAR is employing dynamic #digital methods to improve food security. Join us at #BDPGLOBAL2020 for a glimpse of our work & efforts of all @CGIAR global centers: <https://bit.ly/3ejfnPb>
- @IITA_CGIAR uses knowledge sharing and digital extension tools which together present opportunities for:
 -  Collaboration
 -  Resource mobilization
 -  Inclusive #digital transformation, especially under #COVID19 challenges.
 -  Stay tuned #OneCGIAR #BDPGLOBAL2020
- .@IITA_CGIAR offers a new way to enhance education and facilitate ICT capacity building among players in the agricultural space. Secondary school children @startthemearly_ are introduced to agricultural value chain actors and #digital extension workers.
- **ILRI:** As part of the #OneCGIAR response to current crises & challenges facing today's world, @ILRI is employing dynamic #digital methods to improve food security. Join us at #BDPGLOBAL2020 for a glimpse of our work & efforts of all @CGIAR global centers: <https://bit.ly/3ejfnPb>
- **ICRAF:** As part of the #OneCGIAR response to current crises & challenges facing today's world, @ICRAF is employing dynamic #digital methods to improve food security. Join us at #BDPGLOBAL2020 for a glimpse of our work & efforts of all @CGIAR global centers: <https://bit.ly/3ejfnPb>
- Latin America
 - **CIMMYT GLOBAL**
 - . CIMMYT is working across #Africa, #Asia, #LatinAmerica to increase the productivity of #maize & #wheat cropping systems using data-driven approaches. For more on their dynamic #digital methods, check out this short video from #BDPGLOBAL2020: <https://bit.ly/34jcyLn> #OneCGIAR
 - The @trust_agri platform is gaining traction in its quest to bring inclusive and usable trust and transparency technologies to the agri-food sector. Learn more at #BDPGLOBAL2020: <https://bit.ly/3dSCgcH> @cgiar @cimmyt @CTAflash @HarvestPlus @TheNewFork @CGIAR_data #OneCGIAR
 - Approaches to #scaling have evolved from a focus on “just more” to a focus on sustainable #systemschange at scale. At #BDPGLOBAL2020, @CIMMYT's David Guereña and moderator @lennartwol join panel to explore this idea: <https://bit.ly/34hVCF3> @CGIAR @CGIAR_Data
 - Integrating deep #MachineLearning algorithms into crop models can result in better predictions and inform adaptation strategies. @CIMMYT's Matthew Reynolds speaks at #BDPGLOBAL2020 to discuss the role of machine learning in #cropmodeling: <https://bit.ly/34hVCF3> @CGIAR @CGIAR_data

- What is the Enterprise Breeding System? Learn about this data management system for modern crop breeding from @CGIAR_EiB at #BDPGLOBAL2020: <https://bit.ly/35o23FV> @CIMMYT @CGIAR #OneCGIAR
- As part of the #OneCGIAR response to current crises & challenges facing today's world, @CIMMYT is employing dynamic #digital methods to improve food security. Join us at #BDPGLOBAL2020 for a glimpse of our work & efforts of all @CGIAR global centers: <https://bit.ly/3ejfnPb>
- **CIMMYT LATAM**
 - .@CIMMYT, @BioIntCIAT_eng and @IIASAVienna analyzed crop data to recommend appropriate sustainable agricultural practices to farmers in #Mexico. Learn more: <https://bit.ly/31ux8ax> @UNSDSN @ACCIMMYT @CGIAR #BDPGLOBAL2020
 - Learn how @CIMMYT and partners use the power of #data to create more resilient and sustainable farming systems in #Mexico: <https://bit.ly/31ux8ax> @BioIntCIAT_eng @IIASAVienna @UNSDSN @ACCIMMYT @CGIAR #BDPGLOBAL2020
- **CIMMYT ASIA**
 - Meteorological-driven #wheat disease warning system is an example of effective international scientific partnership contributing to the UN #SDGs: <https://bit.ly/2XRUEwI> #BDPGLOBAL2020 @cimmyt @cambridge_uni @FCDOGovUK @GatesFoundation @globalrust @metoffice_sci @usaid @worldbank
 - New project will deliver wheat rust and blast disease warnings direct to farmers' phones in #Nepal and #Bangladesh. Learn more: <https://bit.ly/2XRUEwI> #BDPGLOBAL2020 #ARRCC @cimmyt @cambridge_uni @FCDOGovUK @GatesFoundation @globalrust @metoffice_sci @usaid @worldbank
- **CIP:** Take a look at how @Cipotato 🍅 is tapping the power of #BigData to accelerate delivery of #tech to improve #FoodSecurity, lead #FoodSystems transformation, and tap into #digital dynamism across @CGIAR ▶ <https://bit.ly/37tE5eZ> #BDPGLOBAL2020 #OneCGIAR @RTB_CGIAR
- **Alliance of Bioversity International and CIAT**
 - As part of the #OneCGIAR response to current crises & challenges facing today's world, @BioIntCIAT_eng is employing dynamic #digital methods to improve food security. Join us at #BDPGLOBAL2020 for a glimpse of our work & efforts of all @CGIAR global centers: <https://bit.ly/3ejfnPb>
 - "Every time a farmer puts a seed in the ground, it's a scientific experiment. Will this seed be better than the previous one?" says J. van Etten of @BioIntCIAT_eng. In this #BDPGLOBAL2020 video, learn how ClimMob helps farmers become citizen scientists: <https://bit.ly/2TeP8QP>
- **North America**
 - **IFPRI:** As part of the #OneCGIAR response to current crises & challenges facing today's world, @IFPRI is employing dynamic #digital methods to improve food security. Join us

at #BDPGLOBAL2020 for a glimpse of our work & efforts of all @CGIAR global centers:
<https://bit.ly/3ejfnPb>

- Middle East

- **ICARDA:** In this short video, get a glimpse at how @ICARDA is responding to the #ClimateCrisis through dynamic digitization of its research for development as a part of a #OneCGIAR response to current crises: <https://bit.ly/34h3LcE> @CGIAR_Data #BDPGLOBAL2020 @CGIAR

- Asia Pacific

- **CIFOR:** As part of the #OneCGIAR response to current crises & challenges facing today's world, @CIFOR is employing dynamic #digital methods to improve food security. Join us at #BDPGLOBAL2020 for a glimpse of our work & efforts of all @CGIAR global centers: <https://bit.ly/3ejfnPb>
- **ICRISAT:** Join us at #BDPGLOBAL2020 to explore how @ICRISAT is employing dynamic #digital methods to combat food security challenges as part of the #OneCGIAR response to current crises & the interdependent challenges facing today's world. Register now: <https://bit.ly/3ejfnPb>
- **IRRI:** As part of the #OneCGIAR response to current crises & challenges facing today's world, @IRRI is employing dynamic #digital methods to improve food security. Join us at #BDPGLOBAL2020 for a glimpse of our work & efforts of all @CGIAR global centers: <https://bit.ly/3ejfnPb>
- **IWMI:** Want to know how @IWMI_ works with dynamic digital tools in order to achieve a #water secure world? Check out this glimpse video from @CGIAR_Data's #BDPGLOBAL2020 on how their working w/ #IoT, #satellite data & #innovations: <https://bit.ly/2TdwTv1>
- **WorldFish:**
 - Scaling the @CGIAR_Data #InspireChallenge project "Integrated #Data Pipeline for Small-Scale Fisheries" in Malaysia has been an exciting challenge for @alextilley & team at @WorldFishCenter & @FISH_CGIAR. See the project in action: <https://bit.ly/31pymTu> #BDPGLOBAL2020
 - Data products like apps visualizations, models, dashboards are all transforming the lives of fishers. Scientist Fernando Cagua shares how he uses #data to find solutions rooted in empathy. Watch his Q&A: <https://bit.ly/2HrEjsg> #InspireChallenge #BDPGLOBAL2020 @CGIAR @FISH_CGIAR
 - What is it like to be a #data scientist at @CGIAR? Hear from Fernando Cagua of @WorldFishCenter on data products like apps visualizations, models, dashboards & how they're transforming the lives of fishers: <https://bit.ly/2HcOgdI> #BDPGLOBAL2020 @CGIAR @FISH_CGIAR
 - What's the most exciting thing about doing research in the #fisheries and #aquaculture sector? Read @WorldFishCenter's interview with junior researcher Bethany Smith to get her take: <https://bit.ly/3m3rRxK> #BDPGLOBAL2020 @CGIAR @FISH_CGIAR @AmyDiedrichJCU

- Transparent & reproducible #data enhances its credibility, utility & accuracy. For #OpenAccessWeek, @WorldFishCenter is sharing why #OpenScience is essential to solving global challenges: <https://bit.ly/31vZhGg> #BDPGLOBAL2020 @FISH_CGIAR
- As part of the #OneCGIAR response to current crises & challenges facing today's world, @WorldFishCenter is employing dynamic #digital methods to improve food security. Join us at #BDPGLOBAL2020 for a glimpse of our work & efforts of all @CGIAR global centers: <https://bit.ly/3ejfnPb>

2020 CGIAR INSPIRE CHALLENGE FINALISTS

- **Rapid field detection of hazards in aquatic foods:**
<https://www.youtube.com/watch?v=WzkTXWRWqpw&t=3s>
- **Learning from NFC cards in emergency responses:**
<https://www.youtube.com/watch?v=2x2tzY31eE0>
- **Croppie – the PhotoCropping app:** <https://www.youtube.com/watch?v=aoH5XCKd6xs>
- **Smart storage centres for smallholder farmers:**
<https://www.youtube.com/watch?v=dqxxkN-CuQy0&t=28s>
- **Realtime Rice-fallow Intensification System (rRIS):** https://youtu.be/G_TNGhw46oc
- **N-ALLyzer: From Nitrogen to ALL other nutrients:**
<https://www.youtube.com/watch?v=F3jFPsqpsC8>
- **FarmPhone for Sustaining Incomes & Market Access:**
<https://www.youtube.com/watch?v=sLtwJU2Eklw>
- **The ClimaCell Locust Project:** https://www.youtube.com/watch?v=Fl--_U9Sr4Y&t=15s
- **Citizen-H2D3:** <https://www.youtube.com/watch?v=WTzE9ELIbVM>
- **Rapid, Low-Cost Aflatoxin detection using AI:** <https://www.youtube.com/watch?v=NnDLVLJofjw>
- **“Hola Talia” Boosting extension service through AI:**
https://www.youtube.com/watch?v=UbbedA9T_4A&t=9s
- **Big data in resilience of rangeland communities:**
<https://www.youtube.com/watch?v=JK5Me6JGYfg&t=2s>
- **Rapid Plant Disease Detection & Phenotyping:**
<https://www.youtube.com/watch?v=OHHfzLIzhPI>
- **Sustaining staple food with supply chain integrity:**
https://www.youtube.com/watch?v=960d5VfDY_E
- **aweSOMe – Satellite Observations for Microfinance:**
<https://www.youtube.com/watch?v=7Yn1xEFLbBU>