

1 – 15 November 2021

Bee research

The unregulated use of synthetic pesticides and burning of trees for firewood has led to declining bee populations in parts of Kenya, such as Baringo County. This has affected crop and honey production, as well as farmers' incomes.

- <https://nation.africa/kenya/news/where-have-all-the-bees-gone-farmers-rue-abandoned-hives-3618790>
- <https://www.kenya24news.com/kenya/where-have-all-the-bees-gone-farmers-rue-abandoned-hives/202441-news>

Locust control

Ms Emily Kimathi (Geospatial Research Officer) took part in a panel discussion during the Desert Locust session of the Global Landscape Forum Climate Conference, a COP26 side event. The session was titled 'Interconnectedness between the Ongoing Desert Locust Crisis 2019-2021+ and the Climate Crisis'.

<https://www.downtoearth.org.in/news/climate-change/climate-change-locust-infestations-fao-seeks-adaptation-plans-at-cop26-event-80154>

Video

- <https://youtu.be/ESlp4bWfsrA> – Full video (Emily speaks at minute 26)
- <https://enb.iisd.org/tmg-desert-locust-crisis-climate-change> – Highlights

Bioeconomy conference

BioInnovate Africa Programme hosted the 2nd Eastern Africa Bioeconomy Conference on 10th and 11th November, 2021, under the theme 'Building a Sustainable and Resilient African Bioeconomy'. The conference, Africa's largest convention on bioeconomy, was attended by government officials, scientists, entrepreneurs, investors and civil society actors.

<https://www.eac.int/press-releases/2265-africa-s-largest-convening-on-bioeconomy>

Insect-based feeds

The feeds developed by *icipe*'s Insects for Food, Feed and Other Uses (INSFEED) Programme contain high levels of protein, fat, minerals, and amino acids, and offer a suitable, nutritious substitute to commercial feed protein sources. Farmers and entrepreneurs have also been successfully trained on feed production.

- <https://www.tuko.co.ke/business-economy/432855-kenyan-project-pushes-use-insects-animal-feed-rising-costs/>
- <https://nation.africa/kenya/business/seeds-of-gold/the-high-flying-black-soldier-flies-entrepreneur-3609444>
- <https://www.kbc.co.ke/kenyan-entrepreneurs-insects-feeds/>
- <https://jambofrica.co.ke/kenyan-entrepreneurs-find-fortunes-in-insect-feeds/>

Push-pull technology

Mr Dickens Nyagol (Research Assistant) spoke about Upscaling the benefits of Push-pull technology for sustainable agricultural intensification on a Radio Ramogi FM talk show. This was done in Luo language. (Listen to the recording [here](#).)

Mr. Esmail Kidiavai (Push-pull farmer and former *icipe* technician) spoke on the same subject in Maragoli language on Vuuka FM.

Organic farming

icipe is one of the organisations that undertakes research and training in sustainable pest management, helping to improve agriculture and food security in the tropics.

- <https://www.dailynews.co.tz/news/2021-11-0161800bfc0362c.aspx>
- <https://www.dailynews.co.tz/news/2021-11-01617dfce9682c.aspx>

Partnerships

icipe scientists will be part of a global multi-institutional team led by Pennsylvania State university collaborating on novel approaches to monitor, predict and combat current and emerging threats to crops. The team will focus its efforts in West Africa, East/Southern Africa, South/Southeast Asia and Central America.

<https://www.seedtoday.com/article/253114/penn-state-awarded-nearly-39-million-for-global-research-on-threats-to-crops>

Experts from the Centre were also part of a field scoping exercise conducted in Kirinyaga County, Kenya, to determine threats to rice production and how to control those threats.


<https://www.cabi.org/news-article/spread-of-highly-invasive-apple-snail-leads-to-rise-in-production-costs-for-rice-farmers/>

Social media

Climate Code Red Retweeted

Food Planet Prize
@FoodPlanetPrize

Mark your calendars! We'll reveal the 2021 winners on 18 November. In the meantime, discover what 2020 recipients have been up to. bit.ly/3ccmrNY
@icipe @NatureAsMeasure @Sanergy @BlueVentures #seaweed #methane #edibleinsects #wastemanagement #perennials #conservation



foodplanetprize.org
1\$ million goes a long way towards reshaping food systems - Food Planet Prize Food Planet Prize's 1\$ million award sum creates systemic change within and beyond the food system and accelerates impact.


9:09 PM · Nov 15, 2021 · Sprout Social

Fidele Maniragaha Retweeted

RSIF PhD Scholarship Fund in Africa
@PasetRsif

"I would like to thank [@icipe](#), the Regional Coordination Unit (RCU) of RSIF, for successfully managing the project over the past three years". - Hon. [@Dr_Uwamariya](#), Minister of Education, Rwanda and PASET Governing Council Chair


She has also officially opened [#RSIFConf21](#)



2:50 PM · Nov 16, 2021 · Twitter Web App

Development Info Center
@deinfocenter

ARPPIS-DAAD PhD Scholarships for Study at icipe – 2022 developmentinfocenter.com/arpis-daad-ph... via [@deinfocenter](#)




developmentinfocenter.com
ARPPIS-DAAD PhD Scholarships for Study at icipe – 2022
Three-Year Doctoral Training in Insect and Related Sciences for Development
The International Centre of Insect Physiology and Ecology (icipe), Kenya, in ...

2:32 PM · Nov 15, 2021 · Twitter Web App

Ken Retweeted

Kenyatta University GIS Club
@KUGIS_Club

KENYATTA UNIVERSITY DAY CELEBRATIONS is on 17th November 2021! Save the date and keep it geospatial.
ku.ac.ke/index.php/ku/i...
[@icipe](#) [@Esri](#) [@EsriEA](#) [@SONywere](#) [@youthmappers](#) [@gtrcmc_ea](#) [@icpac_igad](#)
Register now eventbrite.com/e/kenyatta-uni...
[#KUGISDAY2021](#) [#GIS](#) [#GISDAY2021](#) [#gisday](#)



eventbrite.com
KENYATTA UNIVERSITY GIS DAY 2021
GIS day celebration is an annual event held to celebrate the use and success of geospatial applications in various industries.

Harriet Namboze
@NambozeHarriet

She has made it in record time... thanks to the great supervision team [@icipe](#) & [@kmucoetz](#) & our funders [@AESIAfrica](#) [@wellcometrust](#)


THRIVE Consortium @THRIVEDELTAS · 8h
@tesskoyl's #PhD study aimed to develop molecules with transmission-blocking activity by designing parthenin derivatives that target *P. falciparum*; screening other plants fed upon by *An. gambiae* & evaluating the effect of compounds on *P. falciparum* development.
[#VirtualDefense](#)

Linda Bih Retweeted

Mwemezi Rwiza
@SwhillBible

Our PASET-RSIF scholar at [@NM_AIST](#), Karim Ishaq, presenting his [#PhDProposal](#). The scholar is funded by [@icipe](#) in the [@PasetRsif](#) programme.

[#PASET_RSIF](#) [#AfricaScholarships](#) [#STEM](#)




11:28 AM · Nov 12, 2021 · TweetDeck

Opiyo, Mary A. (PhD)
@MaryLizBede

BSF for fish feeds [@BioeconomyEA](#)

Opiyo, Mary A. (PhD) @MaryLizBede · Aug 21
We have managed to make BSF based extruded pellets for our onfarm tilapia trials [#wastetofeed](#) [@Bio_Buu](#) [@BioInnovate](#) [@icipe](#) [@KmfriResearch](#)



12:16 PM · Nov 10, 2021 · Twitter Web App

Grant Vandenberg
@GrantVandenberg

Abstract submission is OPEN for Insects to Feed the World 2022 in Quebec City June 12-16: ifw2022.org/en/participate... [@IFW_2022](#) [@NACIA_org](#) [@IPIFF_org](#) [@CEIF_InsectAg](#) [@AusInsect](#) [@NAEIC_Org](#) [@CEIF_InsectAg](#) [@FliesFacility](#) [@avanhuis](#) [@cpreyer](#) [@NaturalPro_CA](#) [@icipe](#) [@AFFIA_Assoc](#)

2:35 PM · Nov 4, 2021 · Twitter Web App

Adewole Otagoke Retweeted

UPSCALE
@upscale_h2020

This morning on the radio, our colleagues from [@icipe](#) talk about UPSCALE! Tune in today at 11 to [@RamogiFM](#) (Luo language) shorturl.at/huwFM Tomorrow (10th Nov 8:15pm) in Maragoli language on [@VuukaFM](#) shorturl.at/pvE1

12:56 PM · Nov 9, 2021 · Twitter Web App

BecA-ILRI Hub
@BeCAHub

B4A will rely on networks and partnerships to utilize our learnings and experiences in eastern Africa across the continent to strengthen the ecosystem for a stronger African [#bioeconomy](#) - Cathrine Ziyomo, BecA-ILRI Hub [@BioeconomyEA](#) [@BioInnovate](#)

4:07 PM · Nov 11, 2021 · Twitter Web App


h† (Ato or Herr or Mr.) Dr. Zewdu Abro
@zewdua

excited to share our team's article [@PLOSONE](#) on socioeconomic and health effects of fall armyworm, most important pest of maize in Ethiopia. Besides health effects of pesticides, Ethiopia loses 0.67 million tonnes of maize per annum due to FAW! [@icipe](#)

Muyambi Fortunato Retweeted

BioInnovate Africa
@BioInnovate

Key note address at the **#2ndEABioeconomyConference** by Her Excellency, Caroline Vicini, **#Swedish Ambassador to #Kenya**.
@BioeconomyEA



9:53 AM · Nov 10, 2021 · Twitter Web App

2nd Eastern Africa Bioeconomy Conference
@BioeconomyEA

#HappeningNow - Dr Sunday Ekesi, Director of Research and Partnerships @icipe sharing opening, and welcome remarks at the **#2ndEABioeconomyConference** on behalf of the @icipe Director-General, and CEO, Dr Segenet Kelemu

To join in: axze.floor.bz/cast/login
#SustainableBioeconomy



9:30 AM · Nov 10, 2021 · Twitter Web App

Betty Kibaara
@Bettywk

@icipe has trained close to 2k farmers with **@RockefellerFdn** project & helped set up more than 20 small-scale insect-based enterprises. **@KristianLarsen** the founder of **@NutriEnto** Ltd is one of the farmers. Click here to find out why **#BSF** is a game-changer



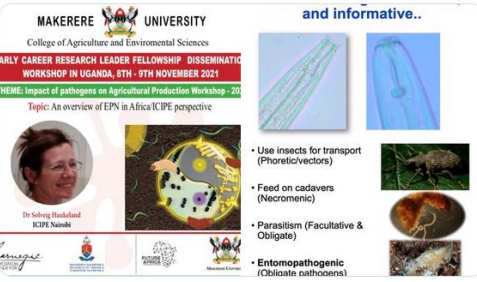
nation.africa
The high-flying black soldier flies entrepreneur
Kristian Larsen runs a lucrative business that involves rearing the insects for making animal feeds.

1:23 PM · Nov 9, 2021 · Twitter Web App

UP Faculty of Natural and Agricultural Sciences Retweeted

Makerere University CAES
@MakCAES

Nematodes can be good, bad and informative. The good nematodes are associated with insects. They help breakdown the dead insects. Prof. Solve if Haukeland, ICiPE Nairobi. **@Makerere @MakCAES @MakerereNews @MakCoNAS @nkagimu @Fabiteam1 @FutureAfricaUP**



8:45 AM · Nov 9, 2021 · Twitter for iPhone

ACCIH Kenya
@ACCIHKenya

During our field activity in Kajiado West, research assistants and clinical officers joined us for a day of training about VL and how to complete data collection during the clinics. Pictured here is a presentation by ICiPE about the VL vector, the sandfly **#kalaazar** **#endtheneglect**



10:15 PM · Nov 8, 2021 · Twitter Web App

Fidele NSENGIYUMA
@FideleNSENGIYU7

Congratulations brother Dr GAHAMANYI

GAHAMANYI, PhD @GAHAMANYI6 · Nov 9
Successfully defended my Ph.D. Thesis. Thank you God for being with me throughout. **@PasetRaif @sacids @icipe @Rwanda_Edu**



10:53 PM · Nov 9, 2021 · Twitter for Android

Dream Team Agro Consultancy Limited
@agro_dreamteam

Thursday was the fourth day of our DT members training at ICiPE. They collected cocyra eggs from oviposition cages, cleaned and exposed them to parasitoids and inoculation. They then harvested *Litoralis* eggs from the oviposition cages, placed and exposed them to parasitoids.



11:37 AM · Nov 5, 2021 · Twitter Web App

Jan Arno Hacker (-AI Love via L. Wall in Go) Retweeted

Swiss Development and Cooperation
@SwissDevCoop

Congratulations 🎉 to our partner @icipe 🇸🇰 and their world-class scientists! 🙌 @SwissDevCoop 🇨🇭 supports their crucial research on insects to promote food security and health. **#SouthSouth #Research** bit.ly/3o6ll6K




6:40 PM · Nov 5, 2021 · Twitter Web App

Kallesh Auto Industries Retweeted

Jeneskwa
@sharonjcheboi

What is the future of the prediction of breeding grounds for desert locust? Emily Kimathi, Geospatial Research officer, @icipe explains the role of ecological niche models, weather forecasts, field data, satellite images & ML can feed into an early warning system. **#GLFClimat**



2:17 PM · Nov 6, 2021 · Twitter Web App

African Technology Policy Studies Network (ATPS) Retweeted

AI4D Africa
@AI4Dev

ANNOUNCEMENT

We are excited to share that the Agriculture & Food Systems Innovation Research Network will be run by **@atpsnetwork, @icipe & @KumasiHive** who will bring together a network of AI innovators working towards food security for Africa's future



africa.ai4d.ai
Meet The New Hub for Responsible AI for Agriculture and Food Systems Innova...
Africa's population is expected to reach about 2.6 billion by 2050. This will require an increase in food production by up to 70% to fit the need of the ...

11:00 AM · Oct 29, 2021 · Hootsuite Inc.

ACIAR Retweeted

ACIAR in Eastern and Southern Africa
@ACIARAfrica

Insect rearing is gaining traction in **#Kenya** as a cheaper and more nutritious source of protein for livestock.

Read more on how young people are embracing this venture through the @icipe led and @IDRC_CREDI and @ACIARAustralia funded INSFEED project.

kenyanews.go.ke/young-using-te...



KEBS KENYA and 5 others

9:30 AM · Nov 4, 2021 · Twitter Web App

ICID Retweeted

UoG BAHCM Institute
@IBAHCM

Today at 1PM our **#IBAHCMseminarseries** speaker is Dr. Daniel Masiga @icipe who will be talking about the transmission of trypanosomes around wildlife-livestock-human interface areas. See bit.ly/2Y07dvz for details **#trypanosomiasis #tsetse #tick**



1:46 PM · Nov 3, 2021 · Twitter Web App

Please like and follow our social media pages:

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Twitter: [@icipe](#)

YouTube: <https://www.youtube.com/user/icipe>

LinkedIn: <https://www.linkedin.com/company/icipe/>