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#BHIVABASHH26

How do we climate proof HIV, Sexual and Reproductive health? How patients and services are being affected globally and what are the mitigations?

Chairs:

Amanda Clarke, University Hospitals Sussex, Brighton

Jo Josh, British HIV Association (BHIVA)

Climate-proofing HIV programmes in hazard- prone settings

Collins Iwuji

Prof in Climate, Environment & Health
Liverpool School of Tropical Medicine, UK
Faculty, Population Science
Africa Health Research Institute, KZN, South Africa

Conflicts of interest

- Investigator-sponsored research grant from Gilead paid to the University of Sussex

Speakers are required by the Federation of the Royal Colleges of Physicians to disclose conflicts of interest at the beginning of their presentation, with sufficient time for the information to be read by the audience. They should disclose financial relationships with manufacturers of any commercial product and/or providers of commercial services used on or produced for patients relating to the 36 months prior to the event. These include speaker fees, research grants, fees for other educational activities such as training of health professionals and consultation fees. Where a speaker owns shares or stocks directly in a company producing products or services for healthcare this should also be declared.

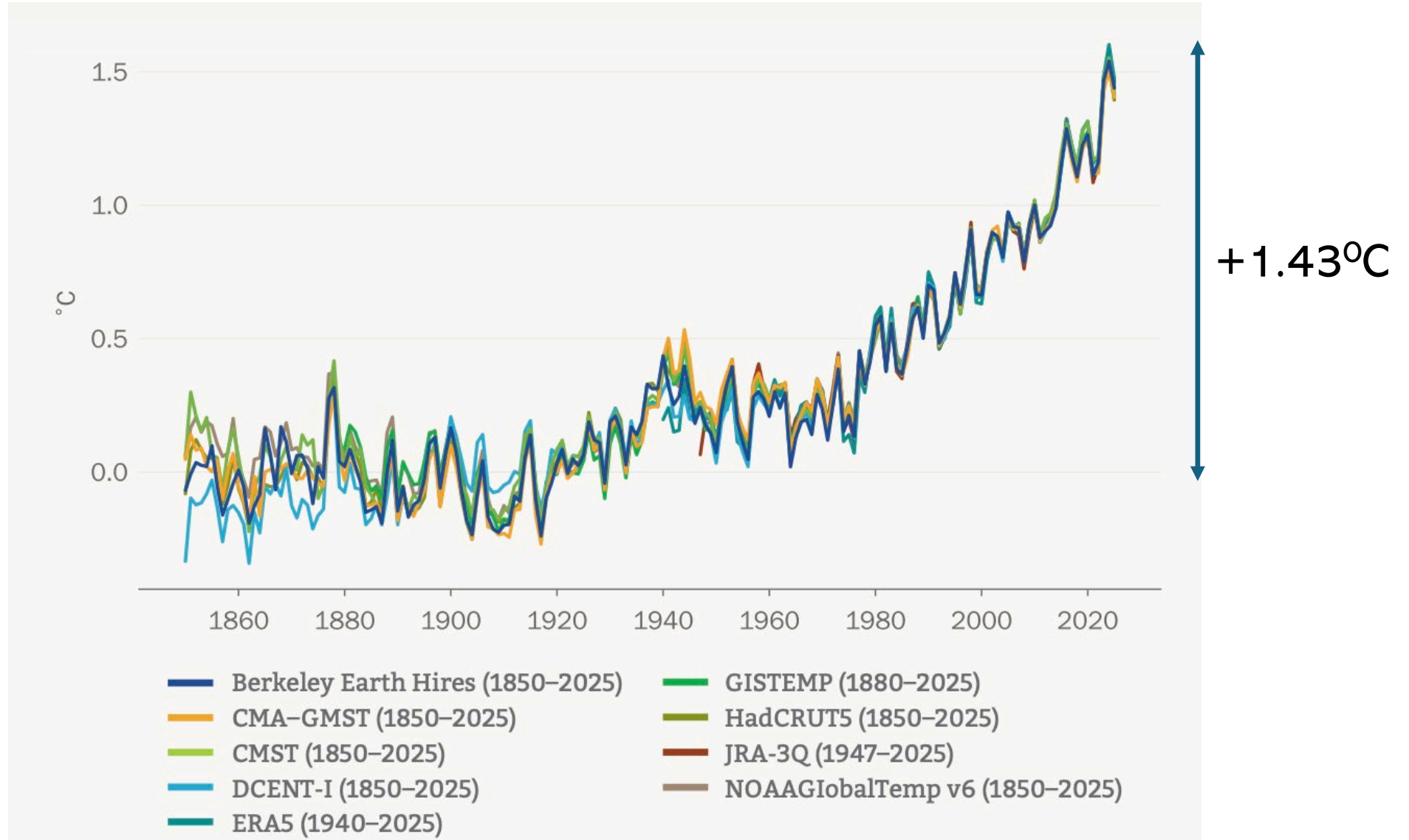
Outline

- Manifestations of climate change
- Impacts of climate change on HIV programmes
- Climate-smart HIV care
 - Climate resilient HIV care
 - Environmentally sustainable HIV care

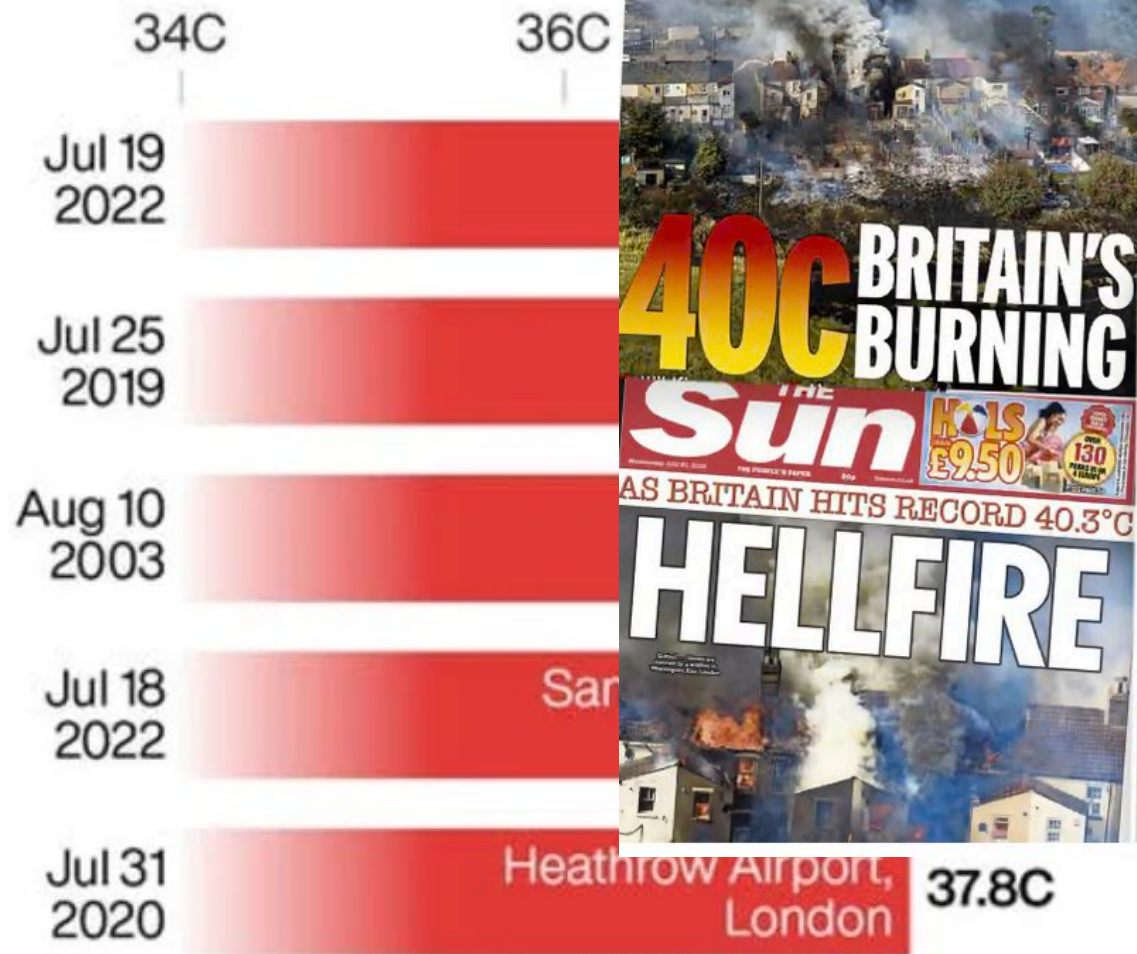


Manifestations of climate change

Annual global mean temperature anomalies in 2025 relative to 1850–1900 (pre-industrial period)



UK hottest days



PA graphic. Source: Met Office. Records begin in 1884

AT Mirror HOTTEST DAY IN HISTORY
40c BRITAIN'S BURNING

The Sun AS BRITAIN HITS RECORD 40.3°C
HELLFIRE

Daily Mail Nightmare of the wildfires

METRO 40.3c

Sunday Mirror We are with you
Save £10 on a £20 spend with N°7 products
Available at Boots

The Mirror TELFORD How the Mirror gave a voice to 1,000 victims
SEE PAGES B&9

The Sun It's a showstopper! Bake Off the musical
Less facing G2

The Sun A wake-up call: highest ever temp

The Sun JOHNSON PARTIES AS UK MELTS

The Sun BORIS' HEATRAVE

The Sun PM misses second COBRA crisis meeting but will party today

The Sun Brits to sizzle in 41C hottest day on record

The Sun GIMME SWEETER Brighton beach yesterday

The Sun SAMI FAB AT 40 Inside Notebook

The Sun SHINE PUZZLES

The Sun Ultimate summer quiz

The Sun PLUS 3 GREAT EXTRAS

The Sun HEAD MAN Boris plans leaving party as nation braces for hot weather emergency

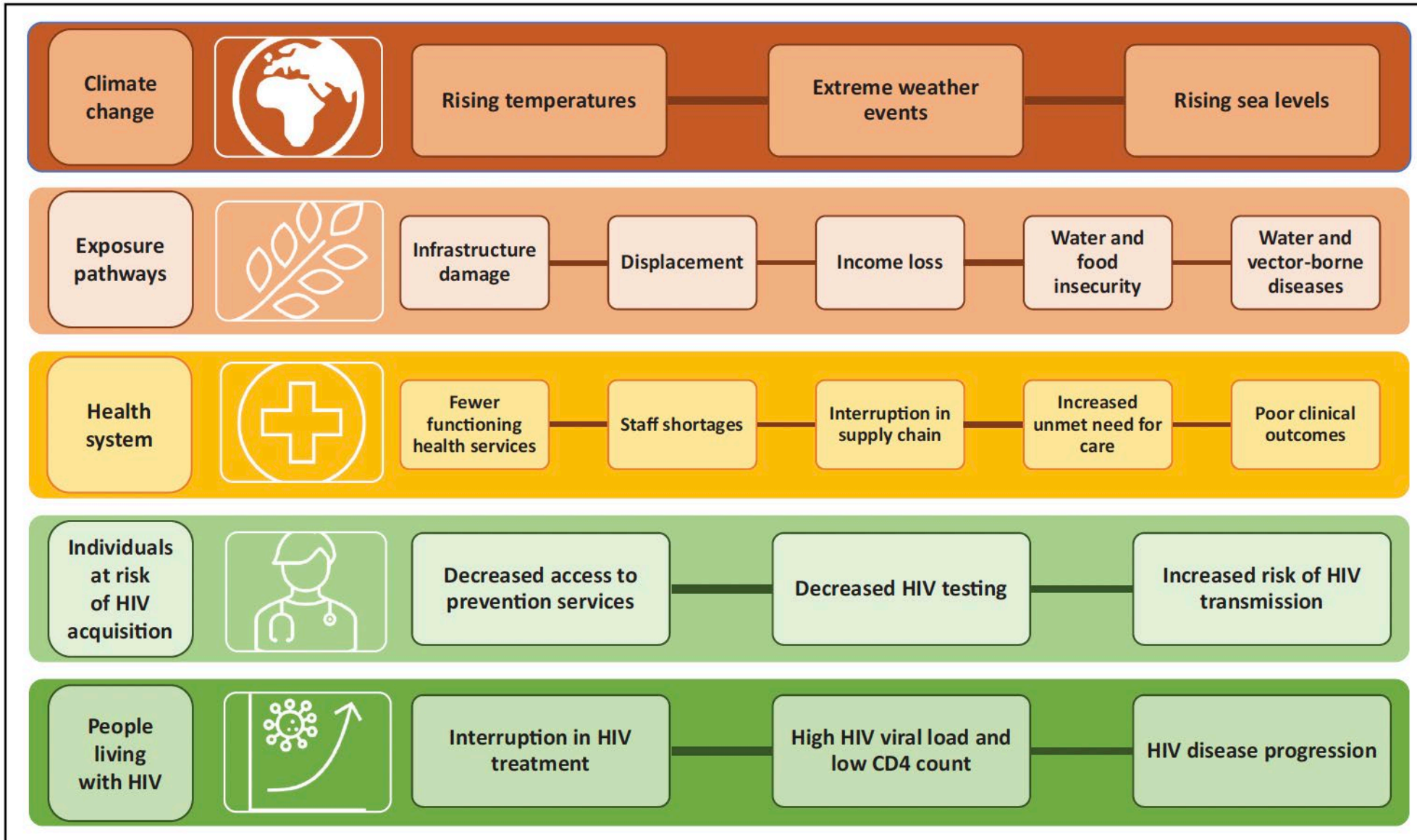
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The four horsemen of the Anthropocene



Impacts of climate change on HIV programmes

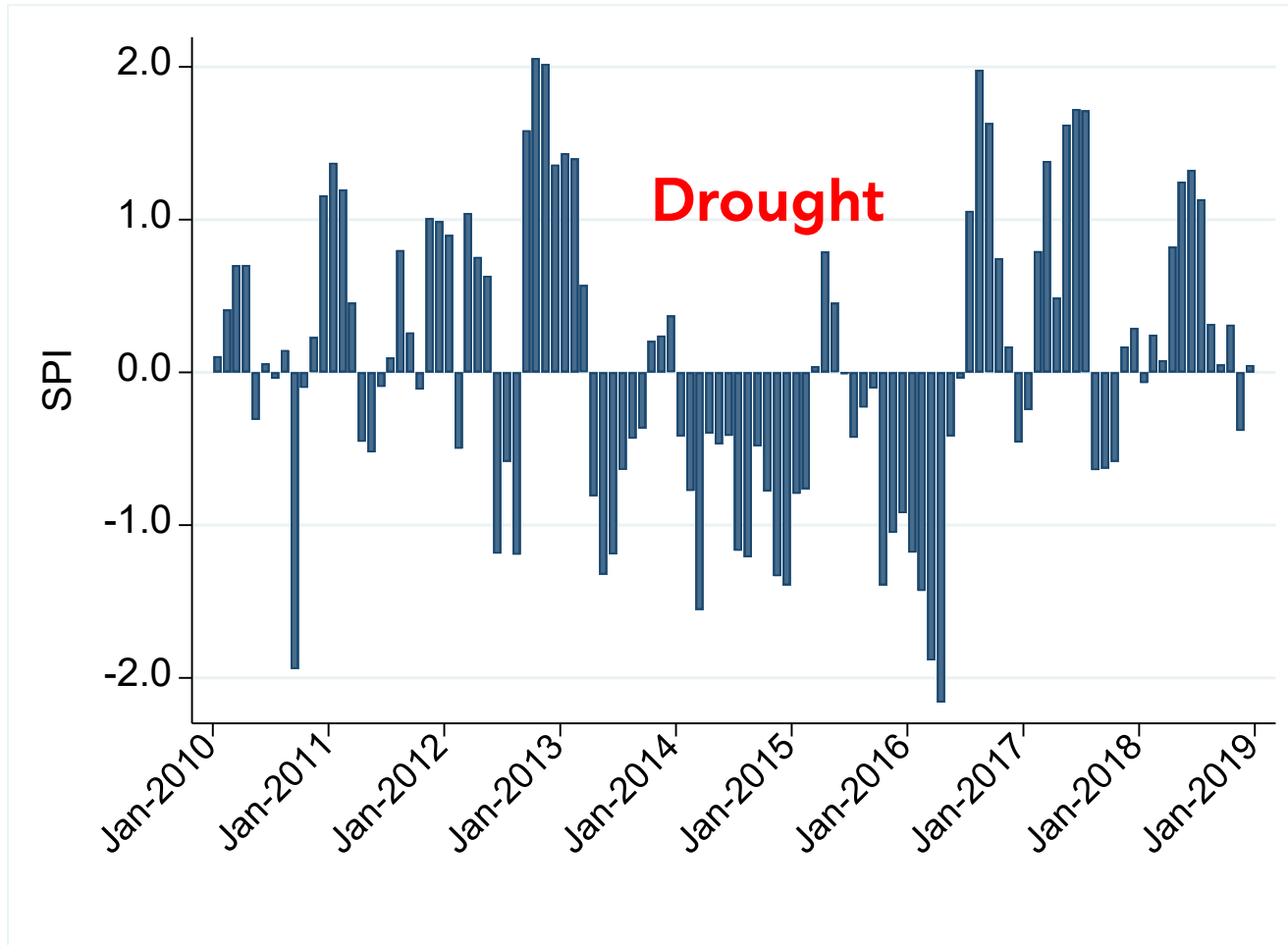
Pathways linking climate change to disruption in HIV services



1) Iwuji et al;
Lancet HIV
2024
2) Orievulu &
Iwuji et al. Curr
Opin. Inf. Dis
2025

Drought and HIV treatment in South Africa

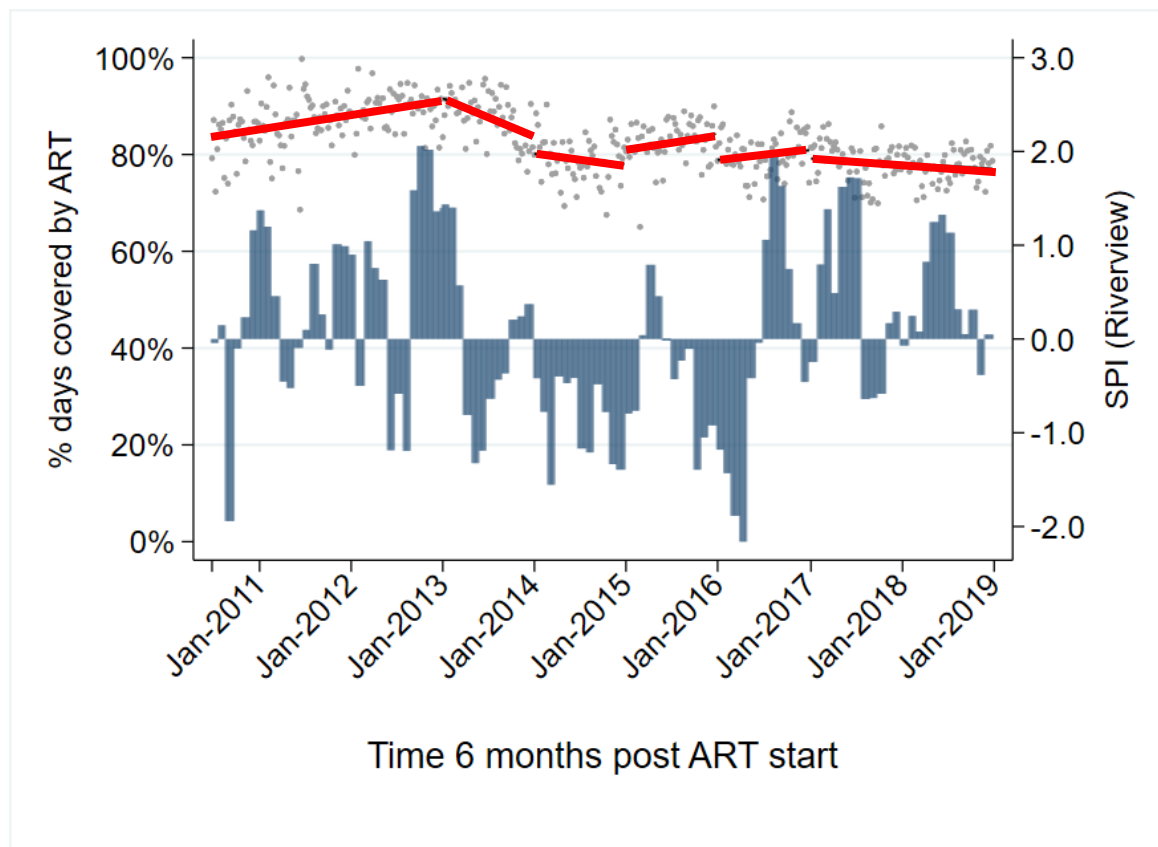
Standardised Precipitation Index (SPI)



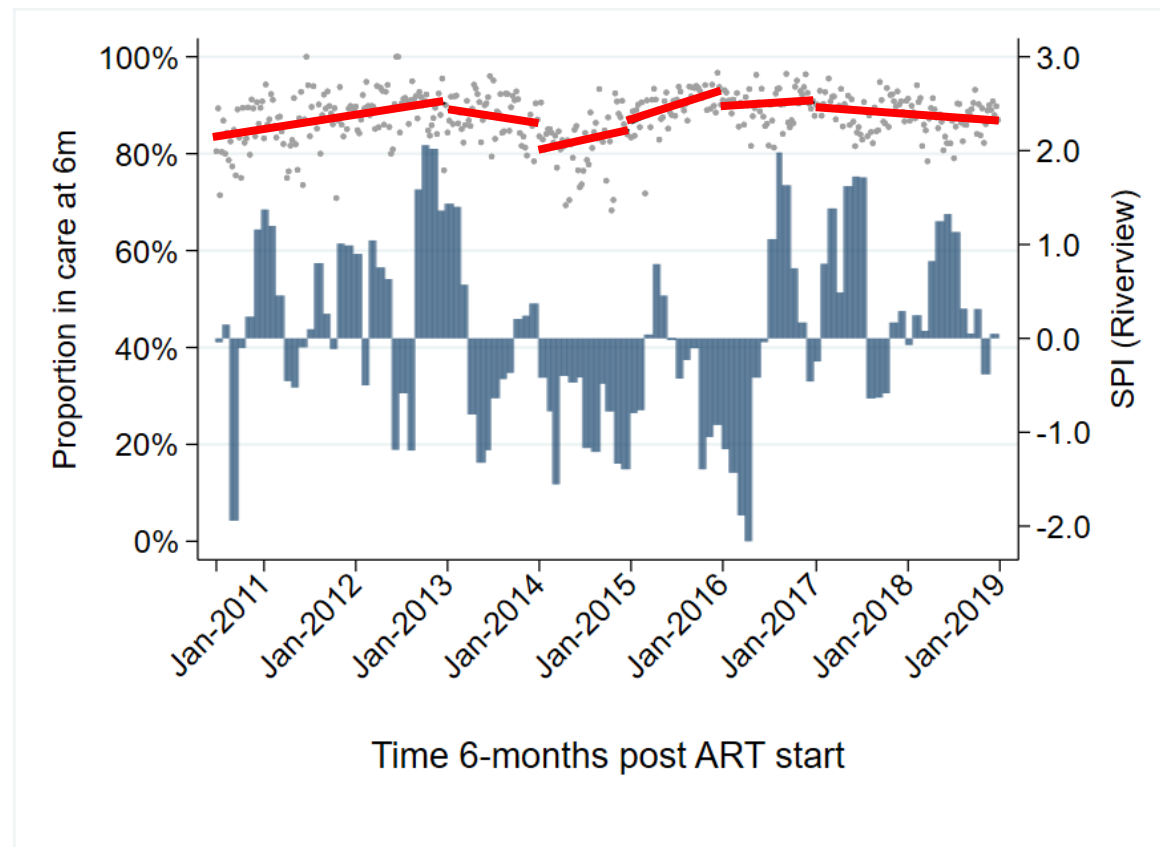
- N= 40,714 PLWH on ART with over 1,022,760 clinic visits from Jan 2010 to Dec 2018
- Outcomes – Adherence, retention in care

The Impact of drought on HIV treatment and care

Adherence (Medication Possession Ratio)



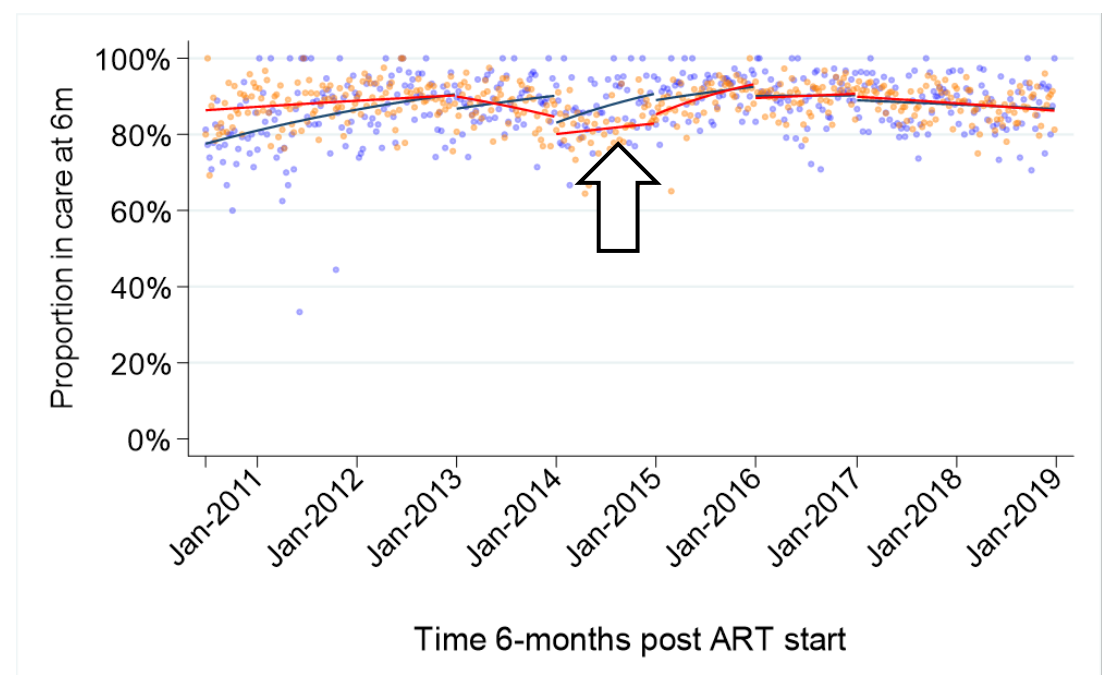
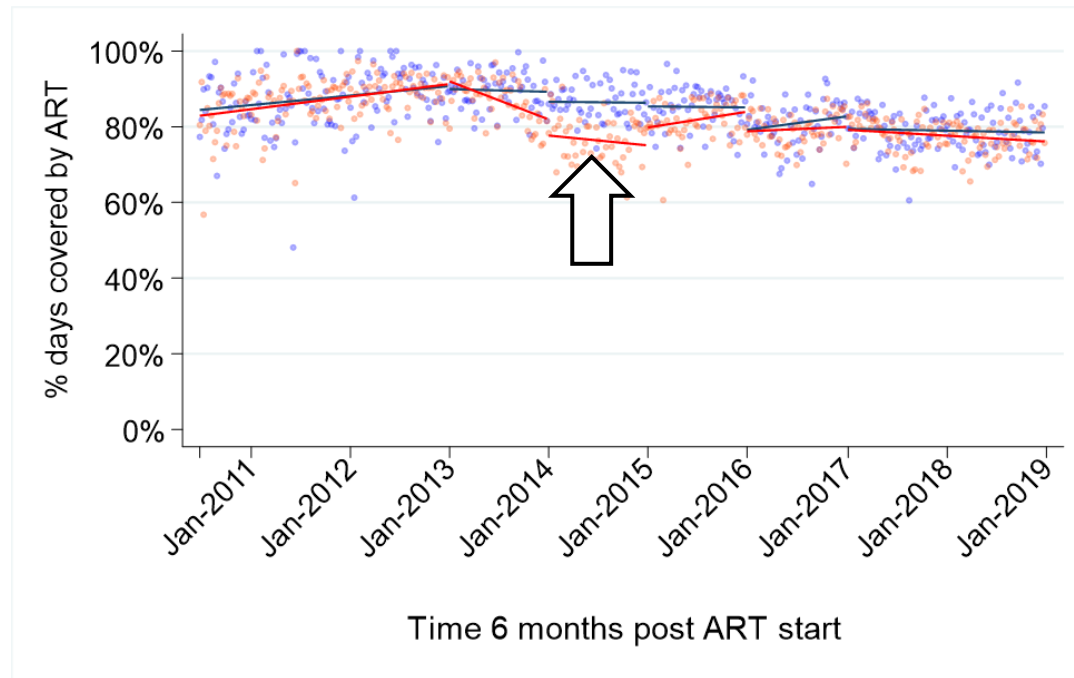
Retention (Proportion in care)



The Impact of drought on HIV treatment and care

Adherence (Medication Possession Ratio)

Retention (Proportion in care)



● Female ● Male

Hurricane Sandy and HIV testing

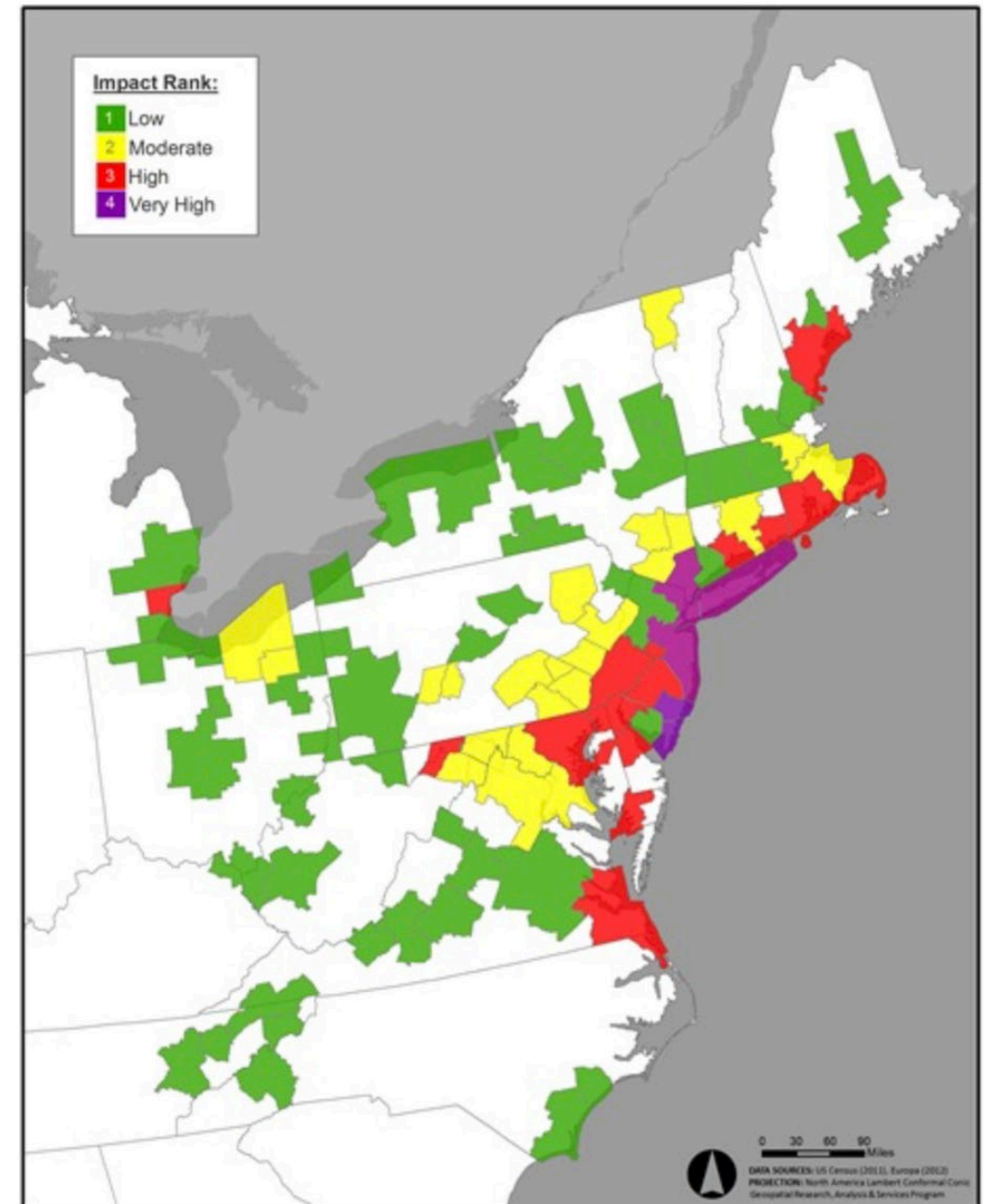
Study population: privately insured individuals at risk for HIV residing in the eastern United States between 1 Jan 2011- 31 Dec 2013

Data sources: Truven Health MarketScan database; FEMA storm intensity data by county

Event week – week of 29 Oct 2012

Outcomes: 1) Insured individuals' claims for HIV tests per week/total enrollment without previous HIV diagnosis per week multiplied by 1000; 2) Number of missed opportunities for HIV tests

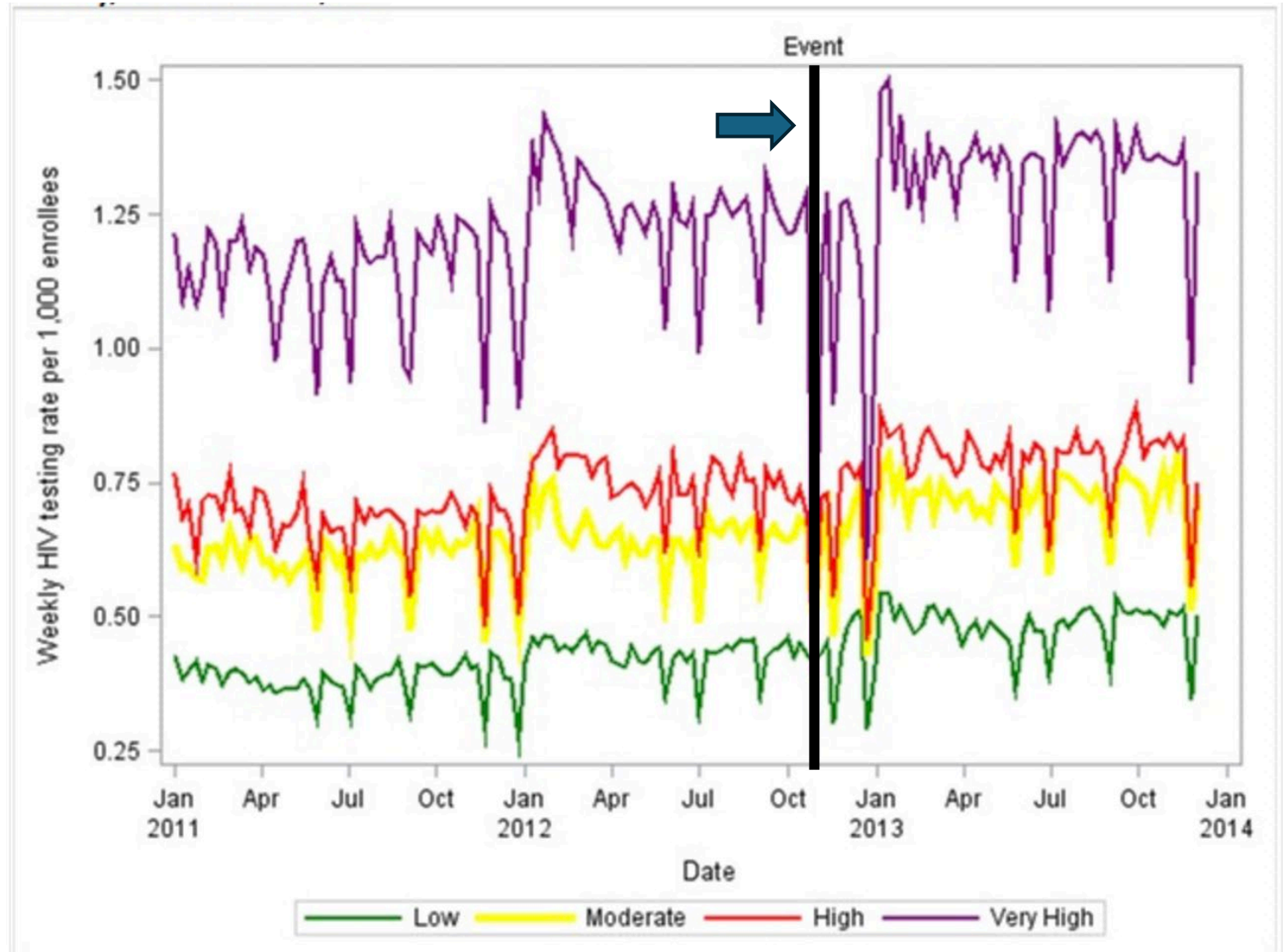
Ekperi L et al PLoS Current 2018



Hurricane sandy affected impact areas by SIR

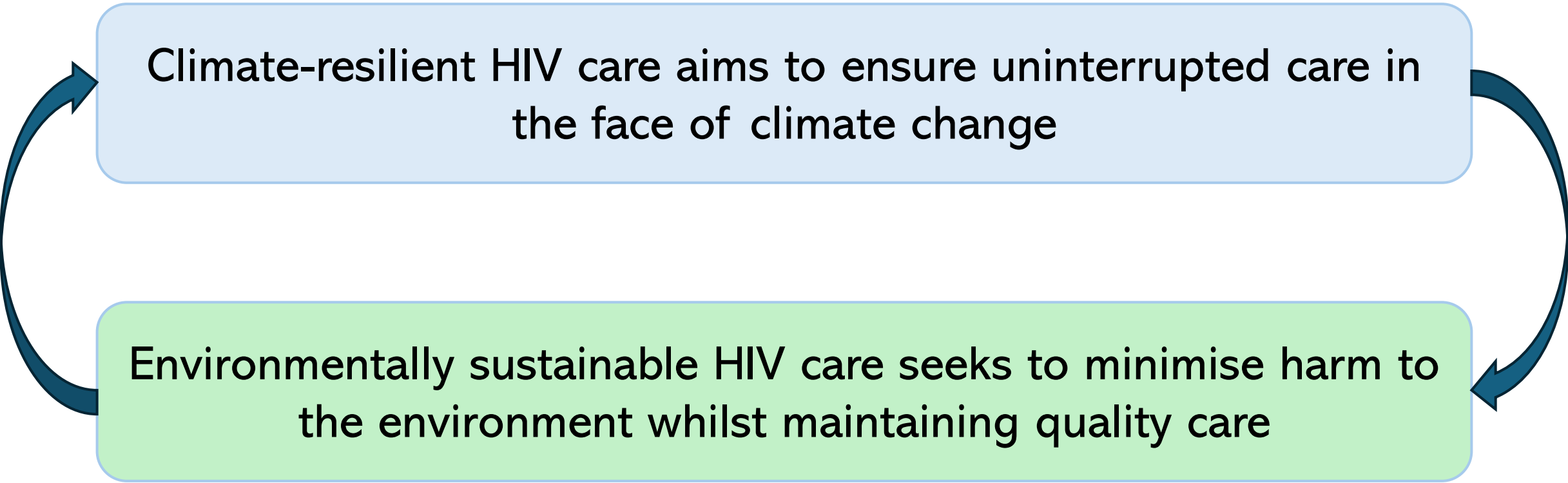
HIV testing rates in Hurricane Sandy impact areas by storm impact rank

- Relative decline in HIV testing rates was highest immediately post event
- Mean decline ranged from -5% in low impact areas to -24% in high impact areas
- At least 9,736 testing opportunities were missed
- Testing rates returned to baseline by 6 weeks post event in low impact areas, 15 weeks post event in moderate impact areas and 17 weeks in high & very high impact areas



Climate-smart HIV care

Climate-smart HIV care



The diagram consists of two rounded rectangular boxes, one light blue on top and one light green on the bottom. Two curved arrows connect them: one on the left pointing from the green box up to the blue box, and one on the right pointing from the blue box down to the green box, forming a circular loop.

Climate-resilient HIV care aims to ensure uninterrupted care in the face of climate change

Environmentally sustainable HIV care seeks to minimise harm to the environment whilst maintaining quality care

Climate-Resilient HIV Care

Building strong, adaptive HIV services for a changing climate



1. SERVICE DELIVERY & ACCESS



Decentralising health services

Bring services closer to communities.



Differentiated service delivery

Including multi-month dispensing (MMD).



Digital solutions including telehealth

Use digital tools to expand reach and reduce clinic visits.



2. HEALTH SYSTEM FOUNDATIONS



Robust supply chains

Ensure reliable access to medicines and medical supplies.



Resilient infrastructure

Invest in climate-resilient facilities and essential services.



3. ANTICIPATION & RESPONSE



Early warning systems

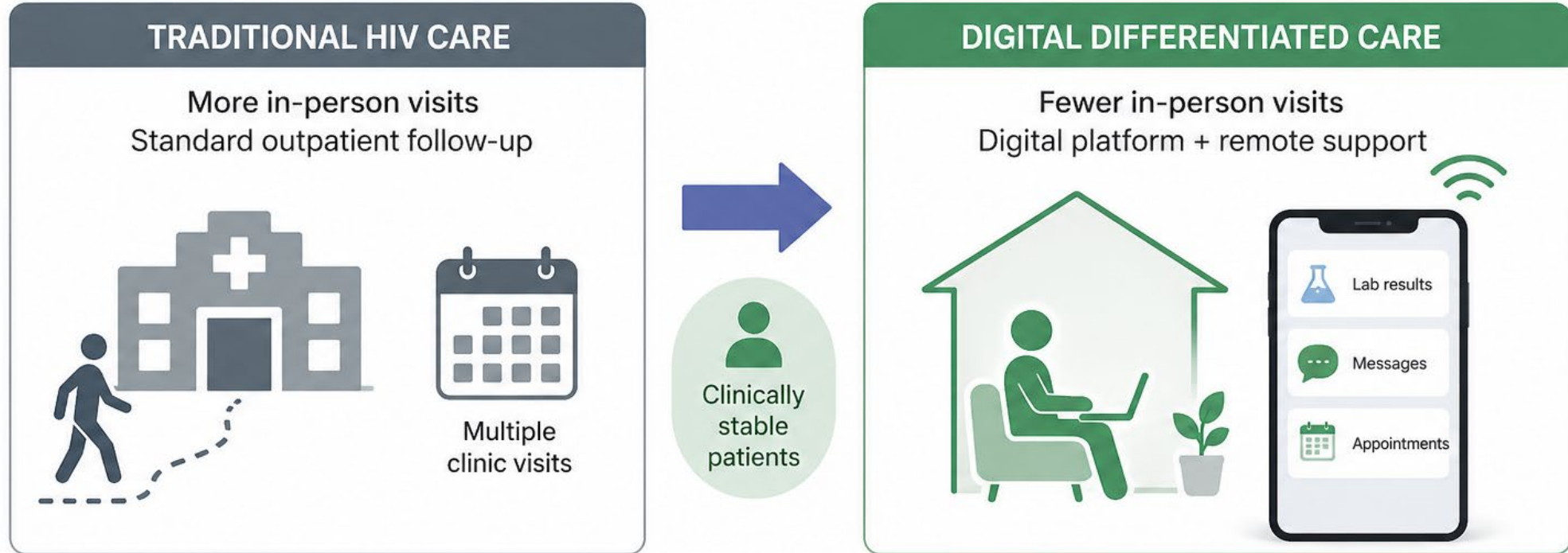
Anticipate and respond to climate-driven HIV risks and protect communities.



Climate-resilient HIV care requires integrating service delivery innovation, system strengthening and anticipatory approaches to maintain continuity of care and protect progress—no matter the climate.

Different approach. Same outcome. Better experience.

Digital care for stable people living with HIV in England



RESULTS: Same clinical outcomes. Better for patients and services.



Clinical outcomes maintained

Viral suppression and CD4 stable



~9% fewer outpatient visits

Reduced burden on clinics



~9% lower costs

More efficient use of resources



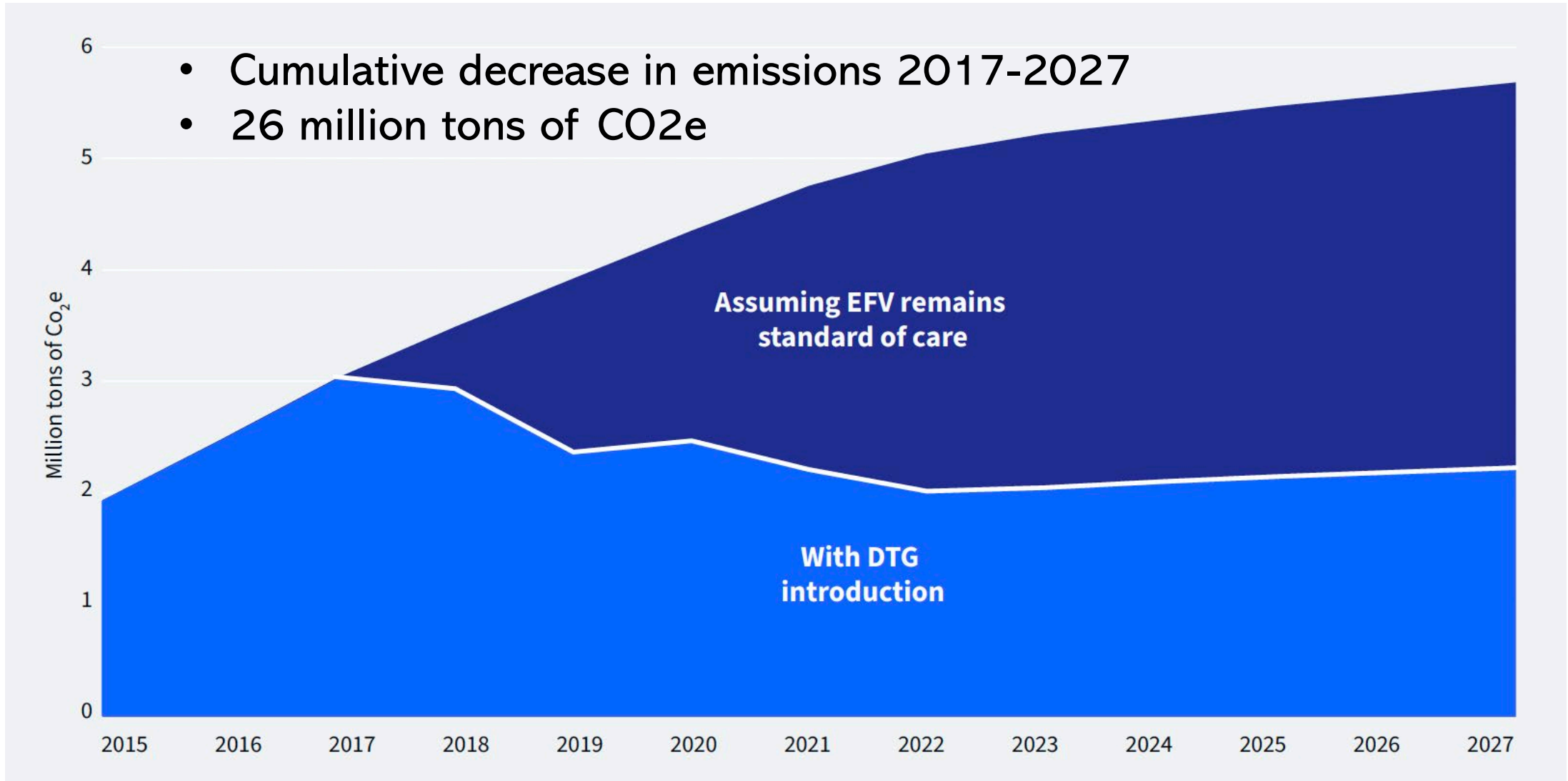
High patient satisfaction

More convenient, more autonomy

Environmentally sustainable HIV care

- 10 steps for a **GREENER** sexual health and HIV clinic:
<https://bhiva.org/wp-content/uploads/2025/04/10-steps-to-a-Greener-HIV-and-Sexual-Health-Clinic.pdf>
- According to the WHO – many interventions will fall under the following broad categories:
 - Safe, sufficient and skilled workforce
 - Sustainable and safe management of water, sanitation and health care waste services
 - Optimal energy use
 - Sustainable healthcare infrastructure and technologies

Estimated CO₂e emissions from HIV first-line treatment (DTG vs EFV)



The most environmentally sustainable HIV programme is one that prevents transmission in the first place

Acknowledgements

- Funders
 - Wellcome Trust
 - NIHR
 - Medical Research Foundation
 - Gates Foundation
 - Sussex Sustainability Research Programme
- My team at AHRI
- Study participants
- South African Department of Health

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Stormy with a chance of HIV: Exploring climate-related extreme weather events and implications for HIV and sexual health prevention and care

Carmen Logie

University of Toronto

Stormy with a chance of HIV: Extreme weather events & implications for HIV and sexual health prevention and care

Professor Carmen Logie, PhD

Canada Research Chair in Global Health Equity & Social Justice with Marginalized
Populations

Factor-Inwentash Faculty of Social Work, University of Toronto, Canada

United Nations University Institute of Water, Environment, & Health (UNU-INWEH)

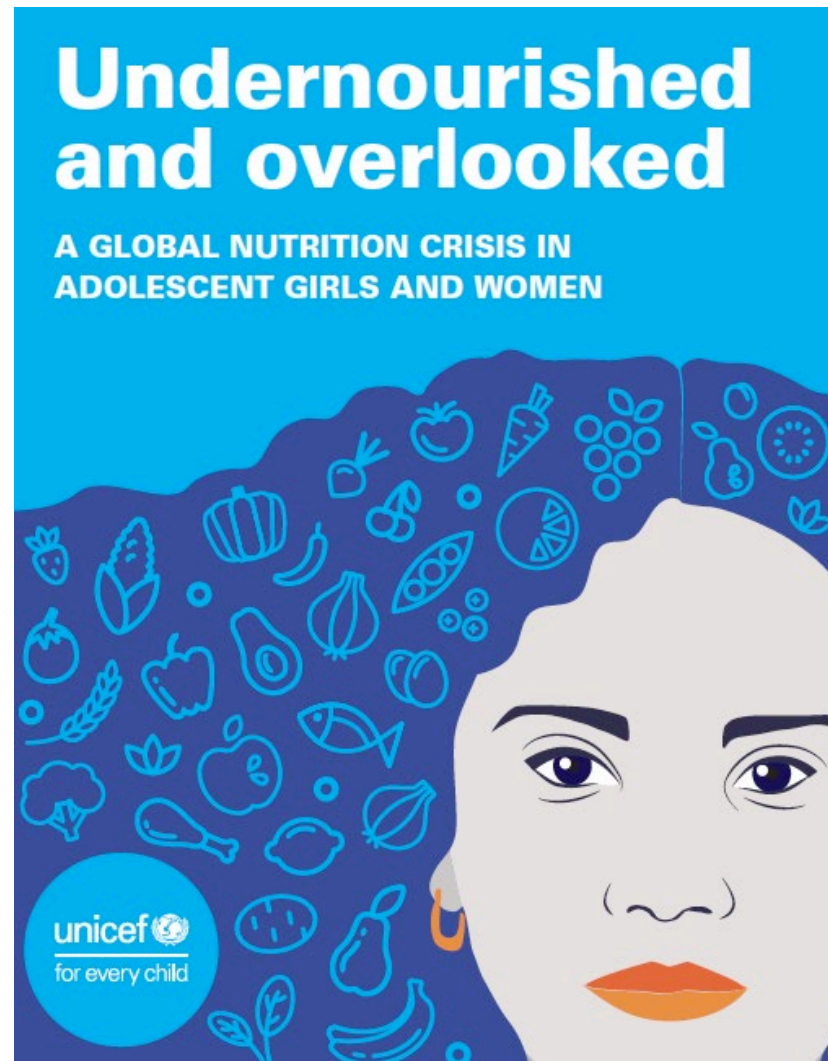
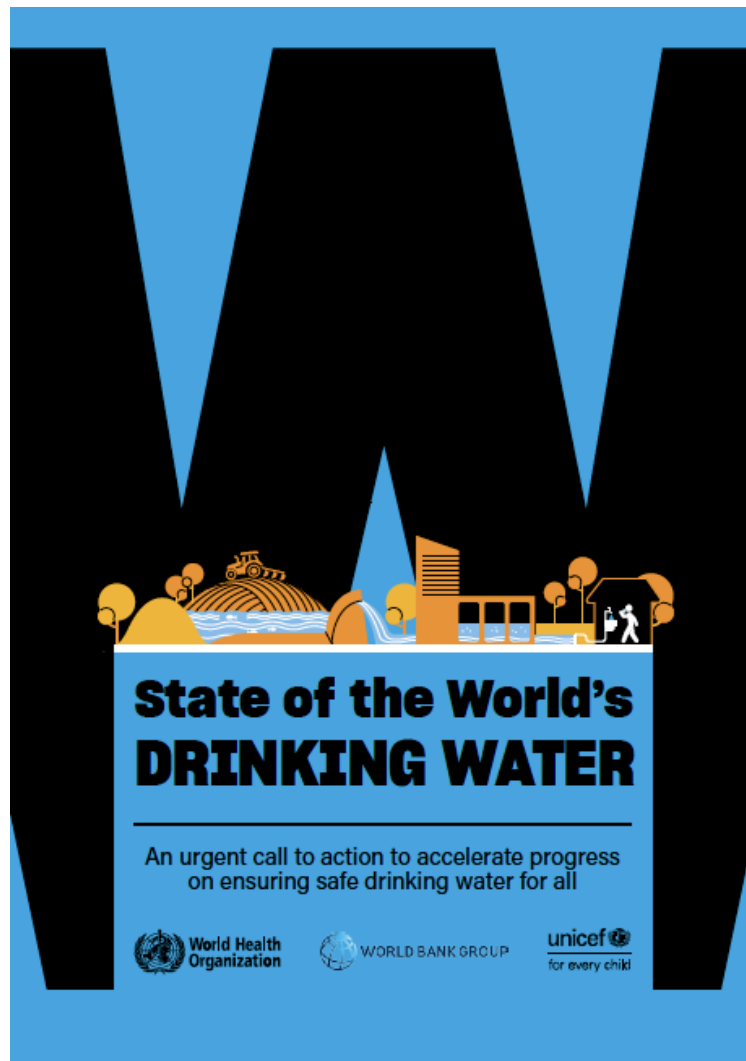
Women's College Hospital, University of Toronto

I have no conflicts of interest to declare

Overview

- 1 Multi-method qualitative insights into lived experience
- 2 Quantitative insights into pathways
- 3 Implications for practice & research



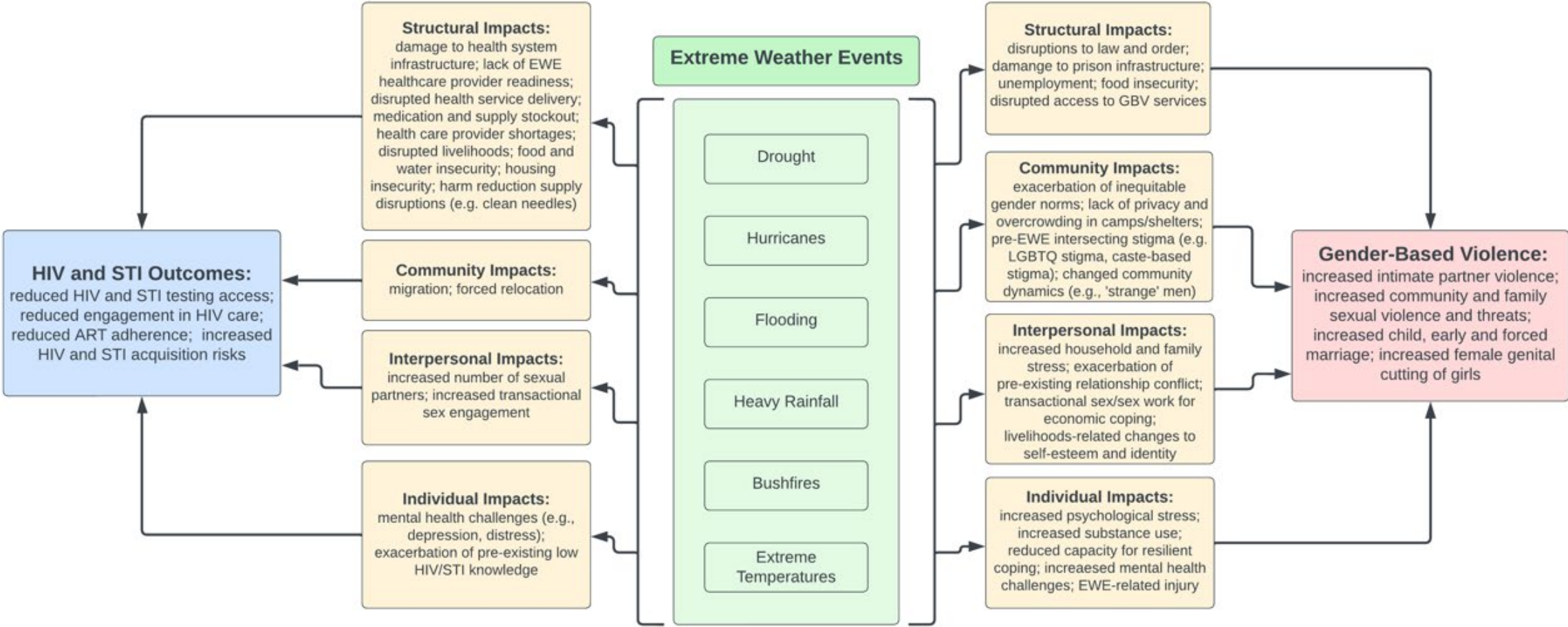


Associations between climate change-related factors and sexual health: A scoping review

Carmen H. Logie ^{a,b,c,d}, Danielle Toccalino ^e, Frannie MacKenzie ^a, Aryssa Hasham ^a, Manjulaa Narasimhan ^f, Holly Donkers^a, Nicole Lorimer ^a and Kalonde Malama ^a

Malachi Ochieng Arunda ¹, Rachael Sorcher ¹, Ana Paula Finatto Canabarro ¹, Signe Svallfors ^{1,2}, Margit Endler ³, Kristina Gemzell-Danielsson ^{3,4}, Anna Kägesten ¹, Moazzam Ali ⁵, Luis Bahamondes ⁶, Maria Barreix⁵, Doris Chou⁵, Lianne Gonsalves ⁵, Heidi Bart Johnston ⁵, James Kiarie ⁵, Caron Rahn Kim⁵, Manjulaa Narasimhan ⁵, Christina Pallitto ⁵, Mehr Gul Shah ⁵, Lale Say ⁵, Anna Thorson ⁵, Anna Mia Ekström ^{1,7}, Elin C Larsson ^{1,3}, Vanessa Brizuela ⁵

Key considerations for research into how climate change affects sexual and reproductive health and rights



Climate change and extreme weather events and linkages with HIV outcomes: recent advances and ways forward

Carmen H. Logie^{a,b,c} and Andie MacNeil^a

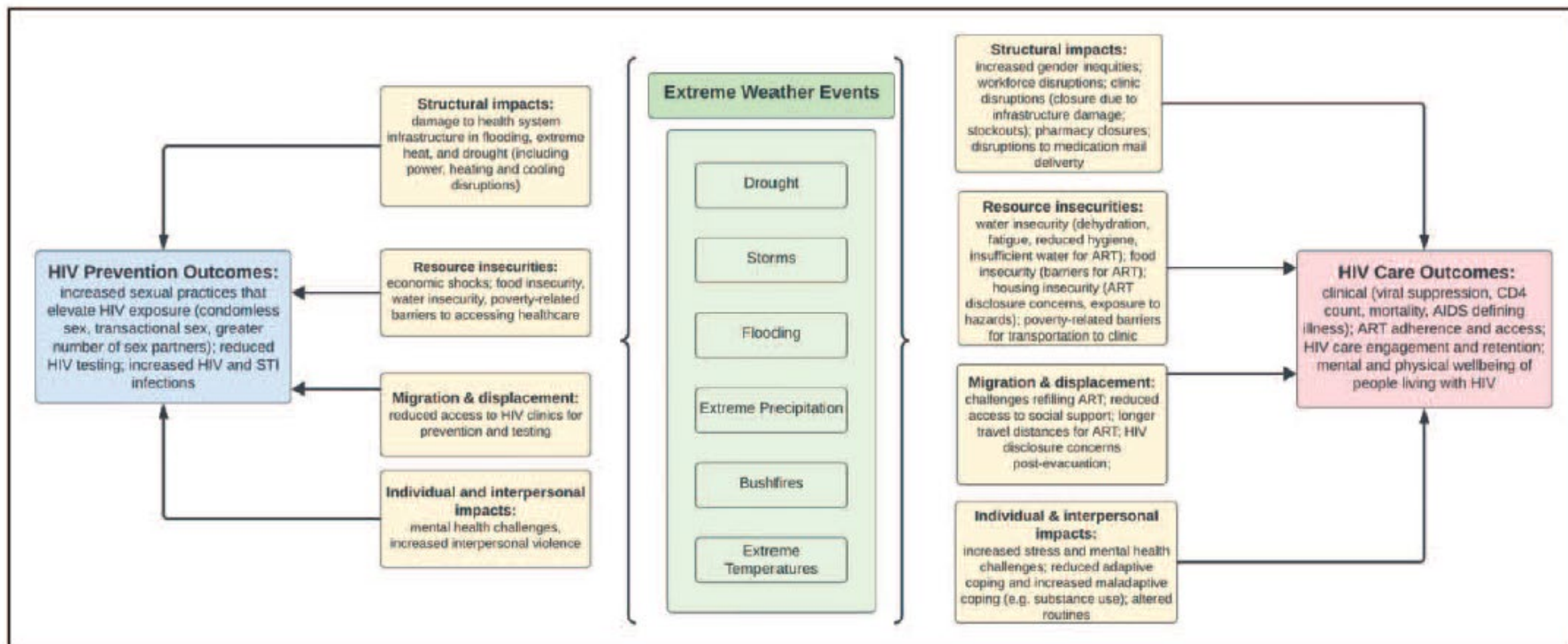


FIGURE 2. Conceptual framework of pathways from climate change and related extreme weather events to HIV prevention and care.

1

Multi-method
qualitative
insights into
lived experience





UGANDA - POPULATION DASHBOARD

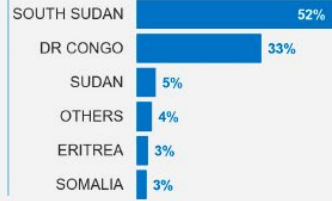
ANNEX II - Map - Refugees and Asylum Seekers

28-Feb-2026

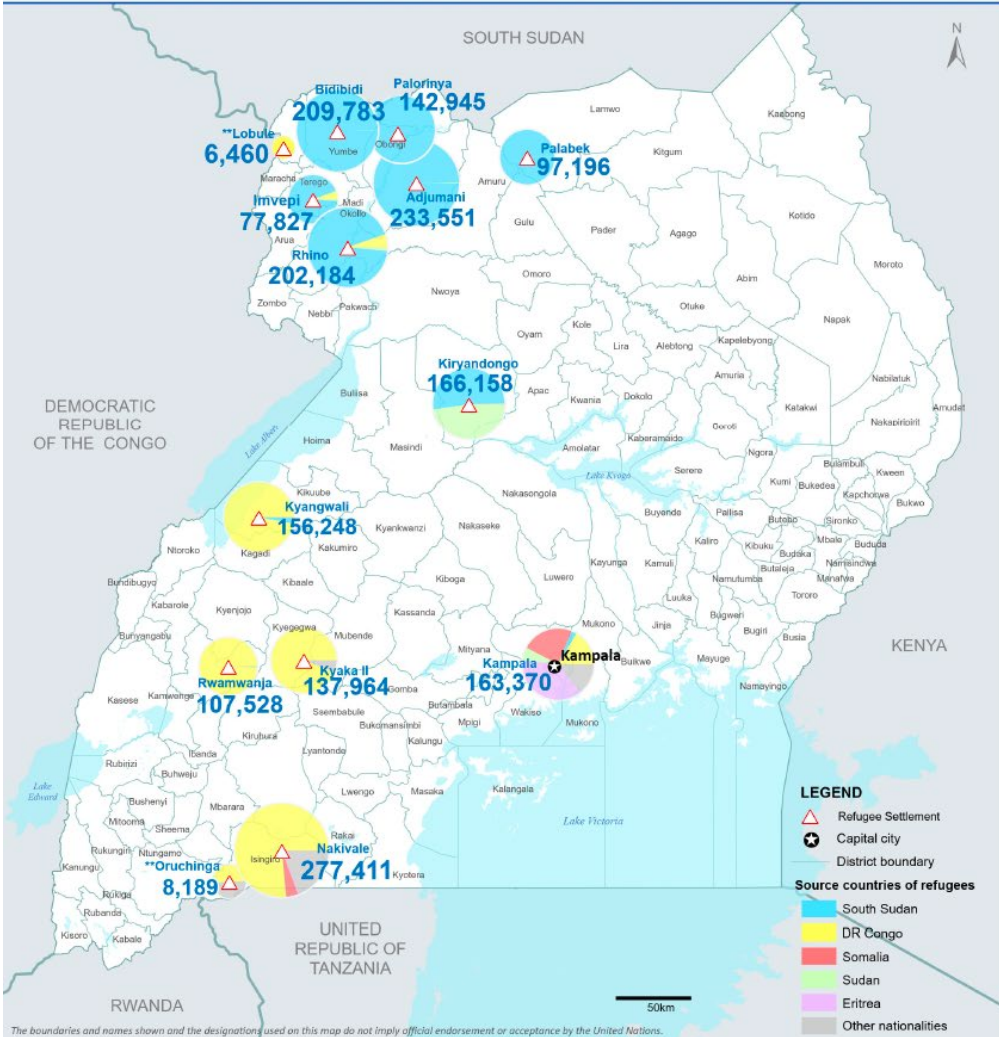
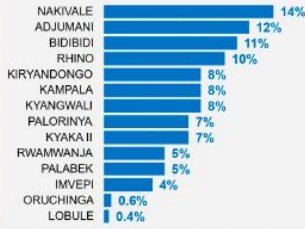
Total refugees and asylum-seekers

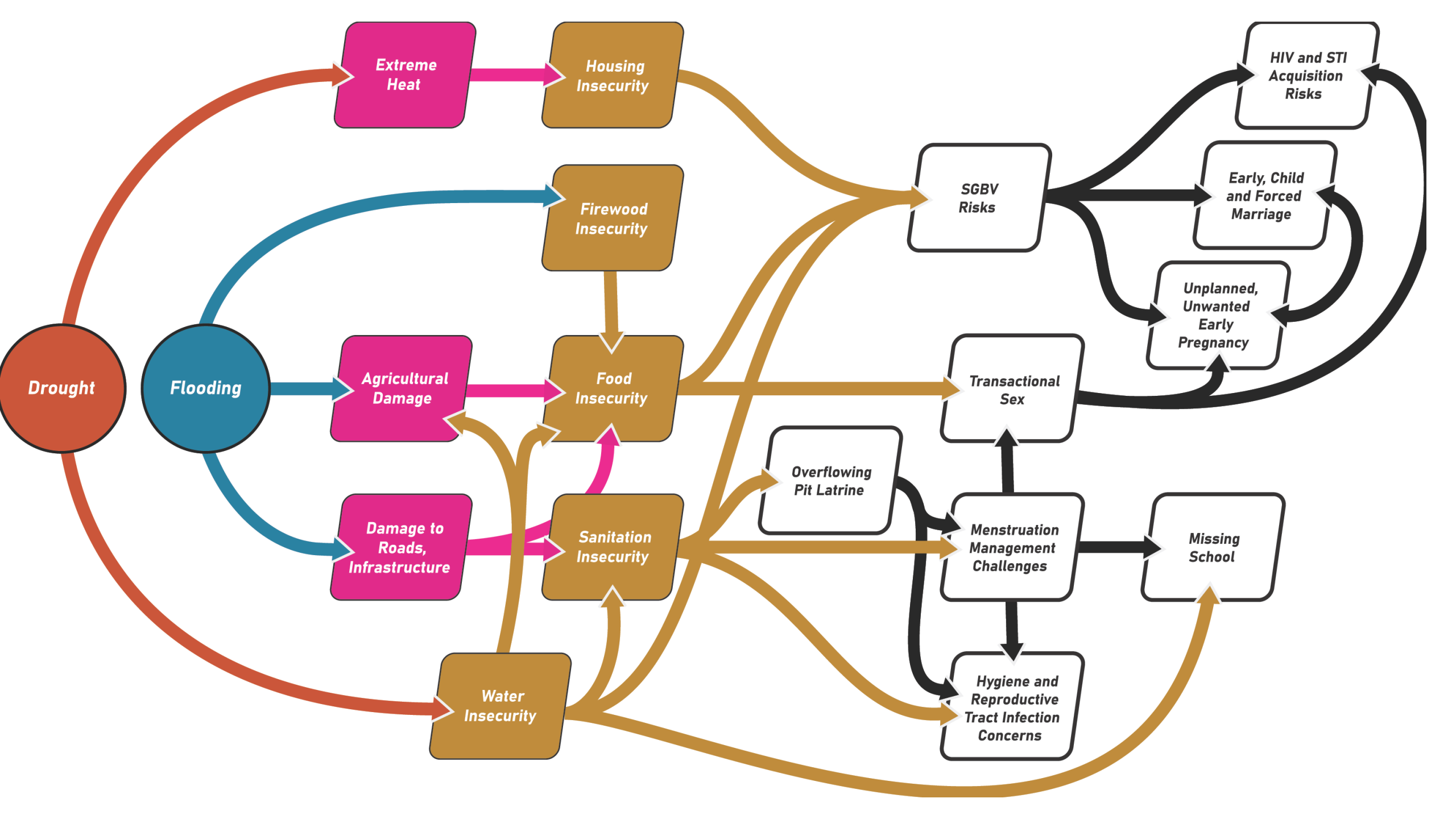
1,986,814

Countries of origin



Refugees per settlement





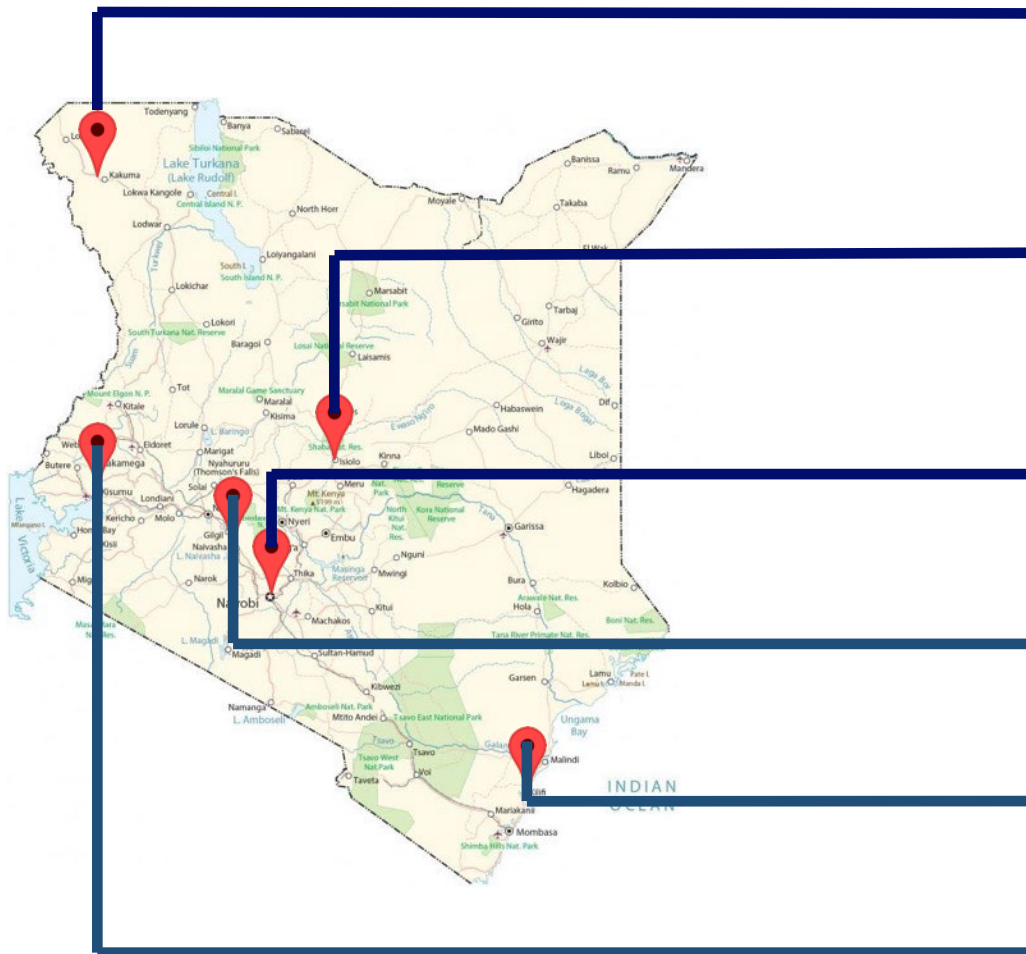
Experiences of drought, heavy rains, and flooding and linkages with refugee youth sexual and reproductive health in a humanitarian setting in Uganda: qualitative insights

C. H. Logie ^{a,b}, M. Loutet^c, F. MacKenzie^a, M. Okumu^{d,e}, R. Leggett^a, F. S. Akinwande^a, S. Odong Lukone^f, N. Kisubi^f, P. Kyambadde^g, L. Otika^h, M. Lukwagoⁱ and M. Narasimhan^{j,k,l}

- Climate change contributes to water scarcity and extreme heat
- Drought contributes to multiple resource scarcities (housing, food, water, sanitation) that increase sexual and gender-based violence (SGBV) risks, transactional sex, and menstruation insecurity
- Heavy rains and flooding contribute to multiple resource scarcities (food, water, sanitation, menstruation) that increase SGBV risks and menstruation insecurity

Climate change, resource insecurities and sexual and reproductive health among young adolescents in Kenya: a multi-method qualitative inquiry

Carmen H. Logie ^{1,2,3} Aryssa Hasham,¹ Julia Kagunda,^{4,5} Humphres Evelia,⁶ Clara Gachoki,⁴ Beldine Omondi,⁵ Mercy Wanjiru,⁴ Lesley Gittings,⁷ Sarah Van Borek,¹ Peter A Newman ¹, Esme Fuller-Thomson,¹ Lina Taing,² Isabel Sternthal,¹ Sheri Weiser ⁸, Robert Hogg,⁹ Janet Turan ¹⁰



Kalobeyei



Isiolo



Mathare



Naivasha



Kilifi

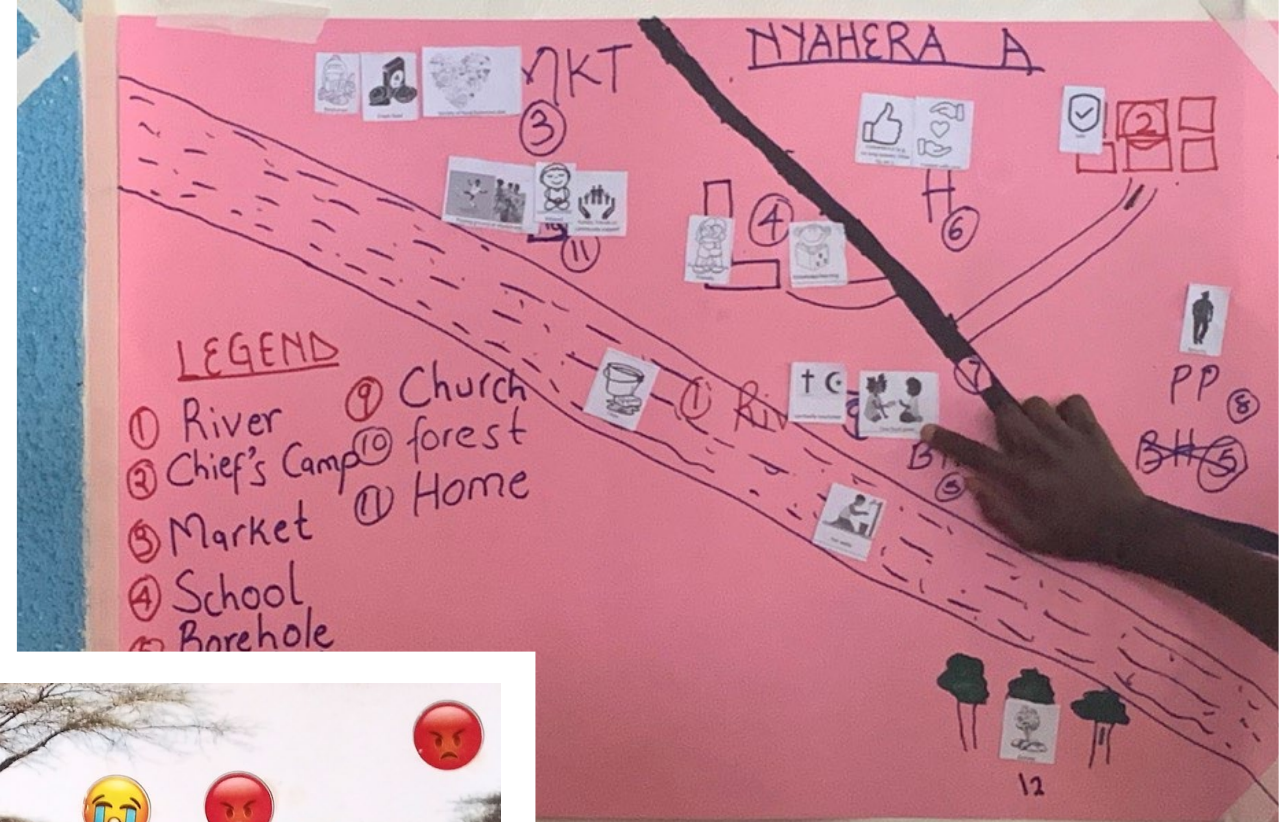


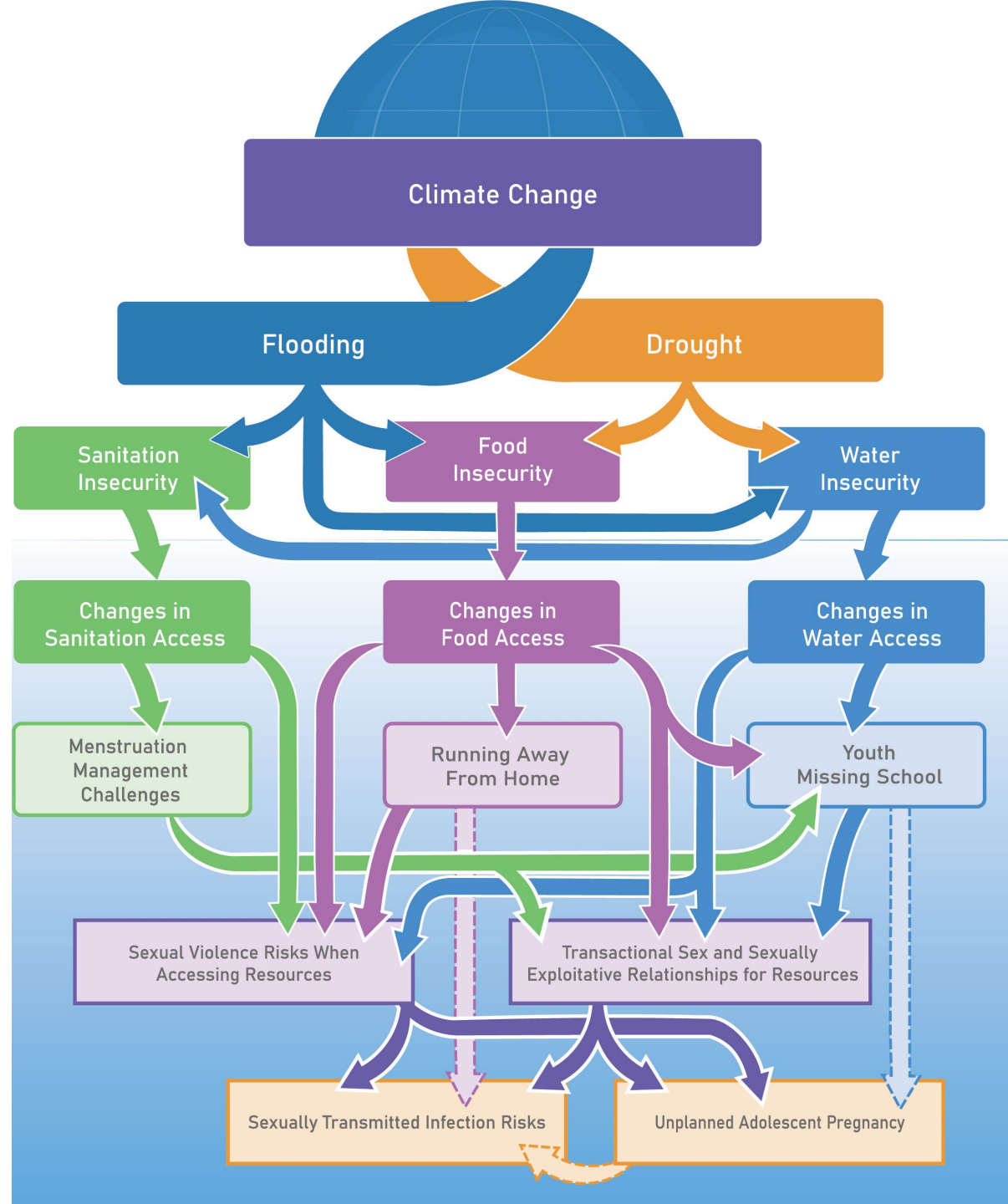
Kisumu





Privacy-No door
Smelly
Spread of diseases
No hand washing water/leaky







Extreme Weather Events and Linkages with HIV Vulnerabilities Among Young Sex Workers and Sexually Diverse Men in Nairobi, Kenya: Qualitative Multi-method Insights

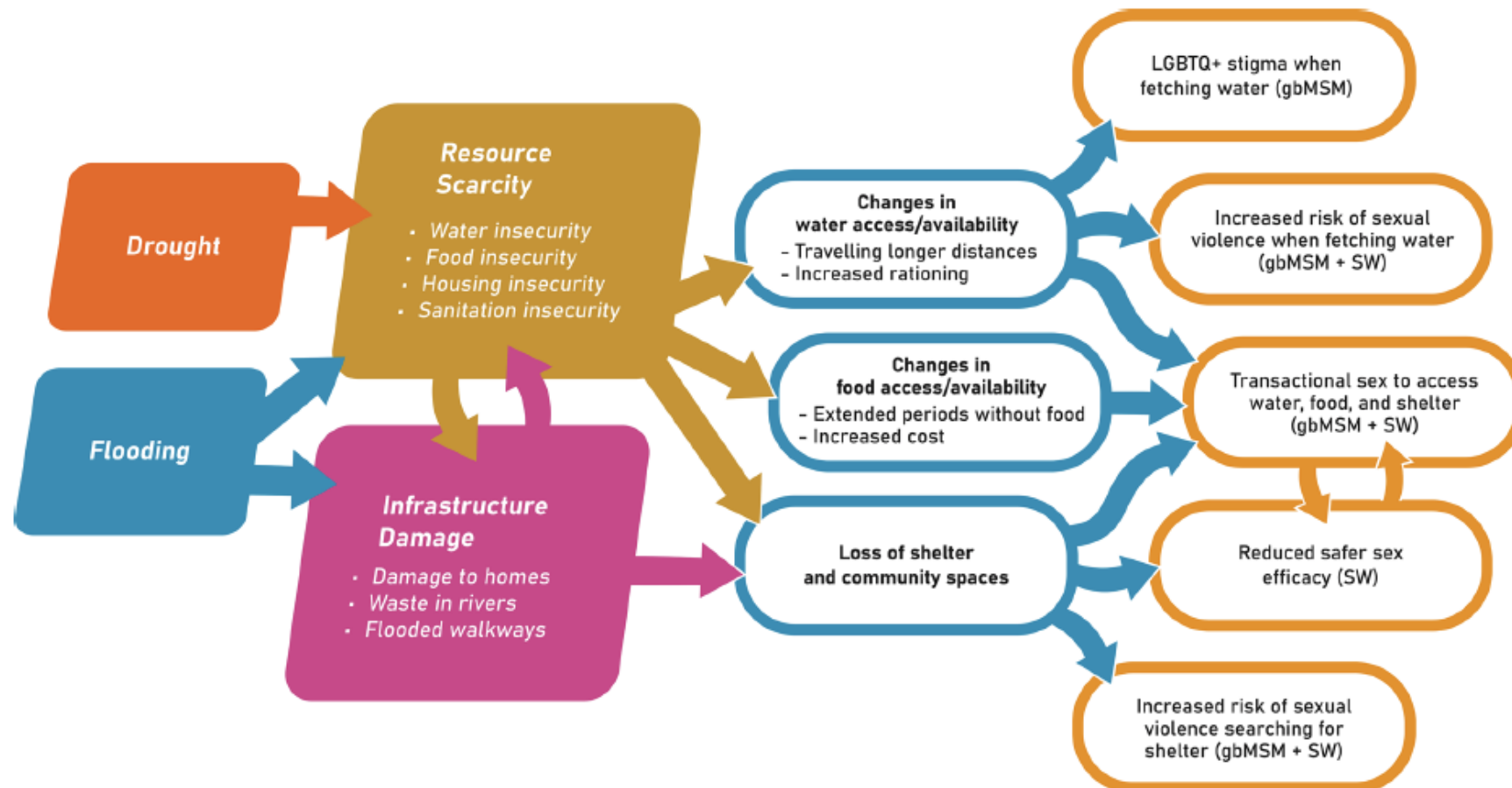
Carmen H. Logie^{1,2,3} · Andie MacNeil¹ · Aryssa Hasham¹ · Humphres Evelia⁴ · Julia Kagunda⁵ · Sarah Van Borek¹ · Beldine Omondi⁴ · Clara Gachoki⁵ · Mercy Wanjiru⁵ · Lesley Gittings⁶ · Amaya Perez-Brumer⁷ · Peter A. Newman¹

AIDS and Behavior

Developing Digital Stories with Youth on Climate Change and HIV Vulnerabilities in Nairobi and Kisumu, Kenya: Methods and Reflections

International Journal of Qualitative Methods
Volume 24: 1–14
© The Author(s) 2025
DOI: 10.1177/16094069251344360
journals.sagepub.com/home/ijq

Carmen H. Logie^{1,2,3,4} , Sarah Van Borek¹, Aryssa Hasham¹, Julia Kagunda⁵ , Humphres Evelia⁶, Beldine Omondi⁶ , Arnold Asava⁶, Maryline Okuto⁶, Clara Gachoki⁵, Mercy Chege⁵, Mumbi Mwangi⁵, and Lesley Gittings⁷





Young adolescent recommendations for advancing water, food, and sanitation security in Kenya: Qualitative insights

Carmen H. Logie^{a,b,c,*}, Aryssa Hasham^a, Julia Kagunda^d, Humphres Evelia^e,
Andrea Pellatt^a, Clara Gachoki^d, Mercy Chege^d, Lesley Gittings^{f,g}

Cambridge Prisms: Global
Mental Health

www.cambridge.org/gmh

Research Article

Cite this article: Kagunda J, Hasham A, Logie CH, Evelia H, Gachoki C, Omondi B, Chege M, Okuto M, Van Borek S, Wu L and

Climate change and resource insecurity-related mental health stressors among young adolescents in Kenya: Qualitative multi-method insights

Julia Kagunda^{1,2}, Aryssa Hasham³, Carmen Helen Logie^{3,4,5,6}, Humphres Evelia⁷,
Clara Gachoki¹, Beldine Omondi⁷, Mercy Chege¹, Maryline Okuto⁷,
Sarah Van Borek³, Irene Wu³ and Lesley Gittings^{8,9}



Psychosocial stressors related to extreme weather events and multiple resource insecurities: qualitative insights from refugee youth in an Ugandan humanitarian setting

Carmen H. Logie^{a,b,c,*}, Ofir Sivan^a, Rachel Leggett^a, Moses Okumu^{d,e}, Miranda Loutet^f,
Frannie MacKenzie^a, Simon Odong Lukone^g, Nelson Kisubi^g, Lesley Gittings^{h,i},
Peter Kyambadde^j, Caetano Dorea^k, Manjulaa Narasimhan^{l,m,n}

INTERNATIONAL JOURNAL OF QUALITATIVE STUDIES ON HEALTH AND WELL-BEING
2025, VOL. 20, NO. 1, 2549033
<https://doi.org/10.1080/17482631.2025.2549033>



OPEN ACCESS

Extreme weather events and refugee youths' experiences of physical health in a Ugandan humanitarian setting: qualitative insights

Carmen H. Logie^{a,b,c,*}, Rachel Leggett^a, Ofir Sivan^a, Frannie MacKenzie^a, Moses Okumu^{d,e},
Miranda Loutet^f, Simon Odong Lukone^g, Nelson Kisubi^g, Lesley Gittings^h, Lawrence Otikaⁱ,
Moses Lukwago^j, Caetano Dorea^k, Perry Hystad^l and Peter Kyambadde^{m,n}

Key insights

1. Look at **multiple types of extreme weather events**, as they have shared and different pathways to HIV vulnerabilities
2. Look at **multiple forms of resource insecurity**: water, food, sanitation, housing, menstruation
3. Generate insights & recommendations from **key populations affected by HIV**: adolescents; men who have sex with men; sex workers; refugees

2 Quantitative insights into pathways





HIV Vulnerabilities Associated with Water Insecurity, Food Insecurity, and Other COVID-19 Impacts Among Urban Refugee Youth in Kampala, Uganda: Multi-method Findings

Carmen H. Logie^{1,2,3,4} , Moses Okumu⁵ · Zerihun Admassu¹ · Amaya Perez-Brumer⁶ · Rushdia Ahmed¹ · Marianne Lahai Luna⁷ · Frannie MacKenzie¹ · Jean-Luc Kortenaar⁶ · Isha Berry⁶ · Robert Hakiza⁸ · Brenda Katisi⁸ · Daniel Kibuuka Musoke⁹ · Aidah Nakitende⁹ · Shamilah Batte¹⁰ · Peter Kyambadde^{11,12} · Lina Taing² · Gio Giordana¹³ · Lawrence Mbuagbaw^{14,15,16,17}

Journal of Water, Sanitation & Hygiene for Development

© 2022 The Authors Journal of Water, Sanitation and Hygiene for Development Vol 12 No 12, 883 doi: 10.2166/washdev.2022.236

Research Paper

Water insecurity and sexual and gender-based violence among refugee youth: qualitative insights from a humanitarian setting in Uganda

Carmen H. Logie ^{a,b,c,d,*}, Moses Okumu ^{e,f}, Madelaine Coelho ^{d,g}, Miranda G. Loutet ^h, Manjulaa Narasimhan ⁱ, Simon Odong Lukone ^j, Nelson Kisubi ^j, Daniel Kibuuka Musoke ^k, Peter Kyambadde ^{l,m}, Caetano Dorea ⁿ and Lina Taing ^{b,o}

Journal of Water, Sanitation & Hygiene for Development

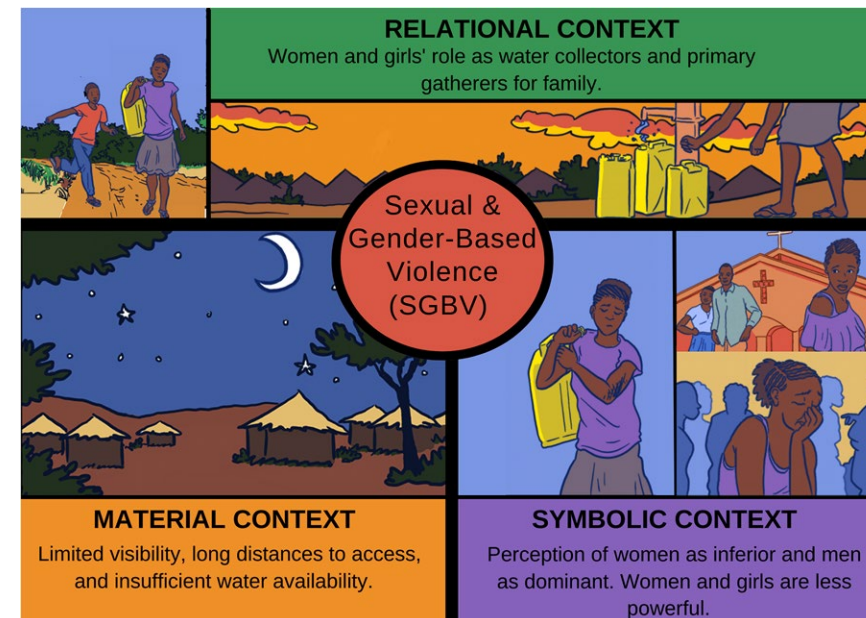


© 2024 The Authors Journal of Water, Sanitation and Hygiene for Development Vol 14 No 3, 261 doi: 10.2166/washdev.2024.298

Research Paper

Water and food insecurity and linkages with physical and sexual intimate partner violence among urban refugee youth in Kampala, Uganda: cross-sectional survey findings

Carmen H. Logie ^{a,b,c,d,*}, Moses Okumu ^{e,f}, Lauren S. Tailor ^g, Lina Taing ^{b,h}, Caetano Dorea ⁱ, Lawrence Mbuagbaw ^{j,k,l,m}, Robert Hakiza ⁿ, Daniel Kibuuka-Musoke ^o, Brenda Katisi ⁿ, Aidah Nakitende ^o, Peter Kyambadde ^{p,q}, Frannie MacKenzie ^a and Zerihun Admassu ^a



Associations between extreme weather events and HIV vulnerabilities among refugee youth in a Ugandan refugee settlement: cross-sectional survey findings

Carmen H. Logie^{A,B,C,*} , Miranda G. Loutet^D, Moses Okumu^{E,F}, Simon Odong Lukone^G, Nelson Kisubi^G, Peter Kyambadde^H, Lawrence Mbuagbaw^{I,J,K,L}, Frannie MacKenzie^A and Zerihun Admassu^A

Key findings:

- Higher number of past year extreme weather events associated with:
 - lower sexual relationship power
 - lower reproductive autonomy
 - lower condom use self-efficacy
 - past year transactional sex
 - past year intimate partner violence

Short Communication

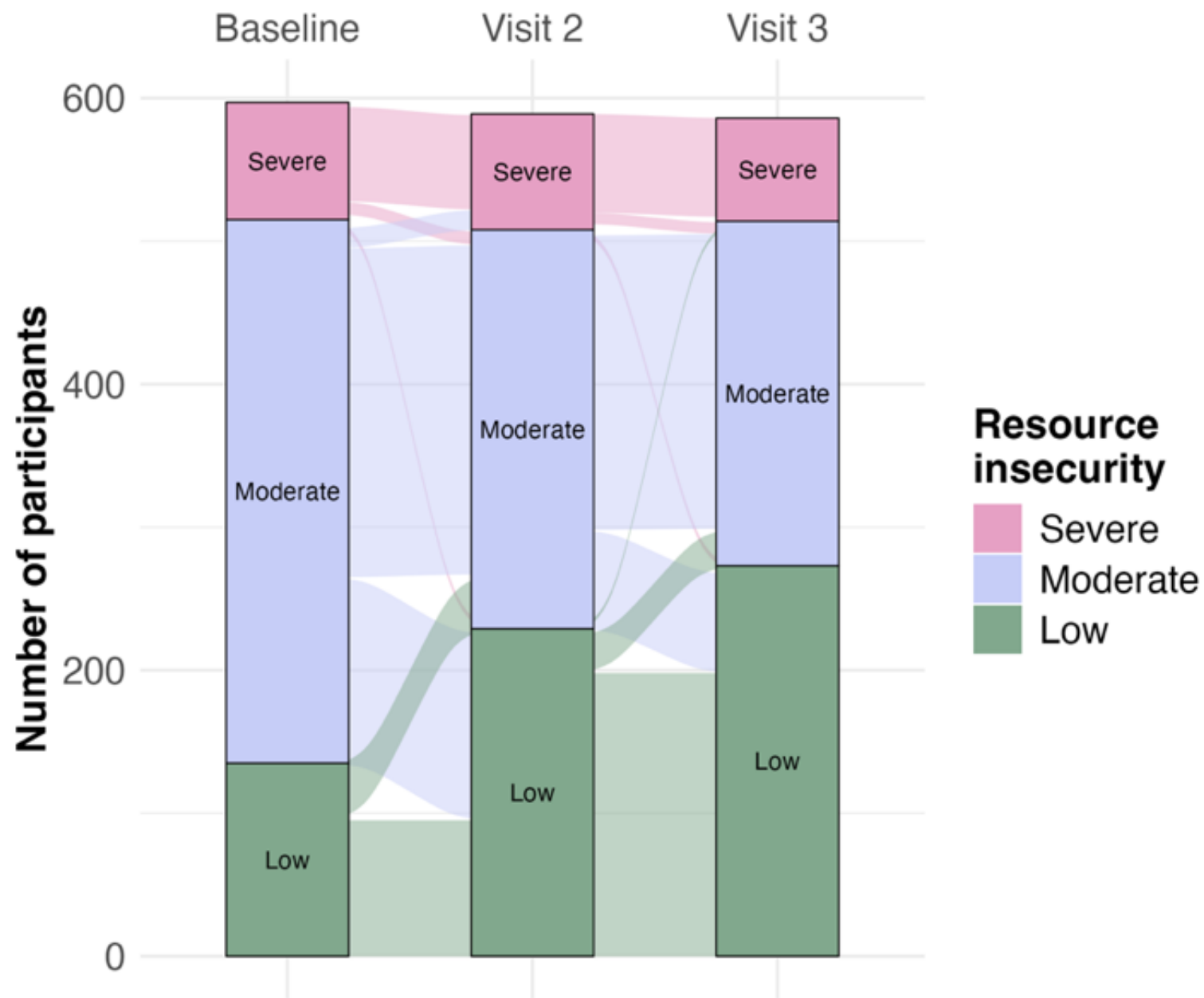


Associations Between Extreme Weather Events and Resource Insecurities With HIV Vulnerabilities and Biomedical HIV Prevention Outcomes Among Adolescent Girls and Young Women in Kenya: A Cross-Sectional Analysis

Carmen H Logie, PhD ^{1,2,3}, Zerihun Admassu, PhD¹, Aryssa Hasham, MA¹, Humphres Evelia, MSc⁴, Julia Kagunda, PhD⁵, Beldine Omondi, MA ⁴, Clara Gachoki, MA⁵, Mercy Chege, MA⁵, Lesley Gittings, PhD⁶, Caetano Dorea, PhD⁷, Janet M Turan, PhD⁸, Mumbi Mwangi, MA⁵, and Lawrence Mbuagbaw, MD, PhD^{9,10,11,12}

Key findings:

- Resource insecurity (sanitation, water) associated with recent **transactional sex**
- Increased past year extreme weather events associated with recent **IPV**
- Resource insecurity (food, sanitation) and increased extreme weather events associated with **lower sexual relationship power**
- Increased extreme weather events & resource insecurity (sanitation) associated with **higher likelihood of PrEP acceptability**



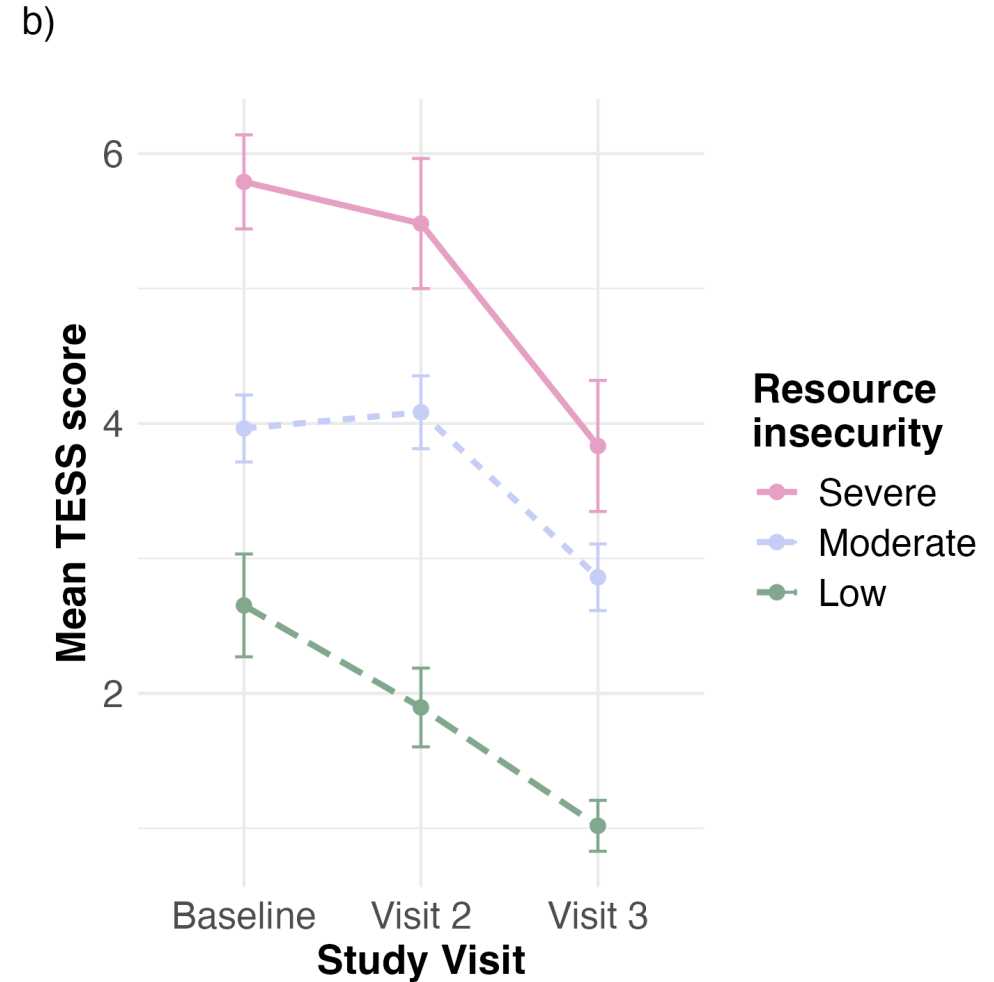
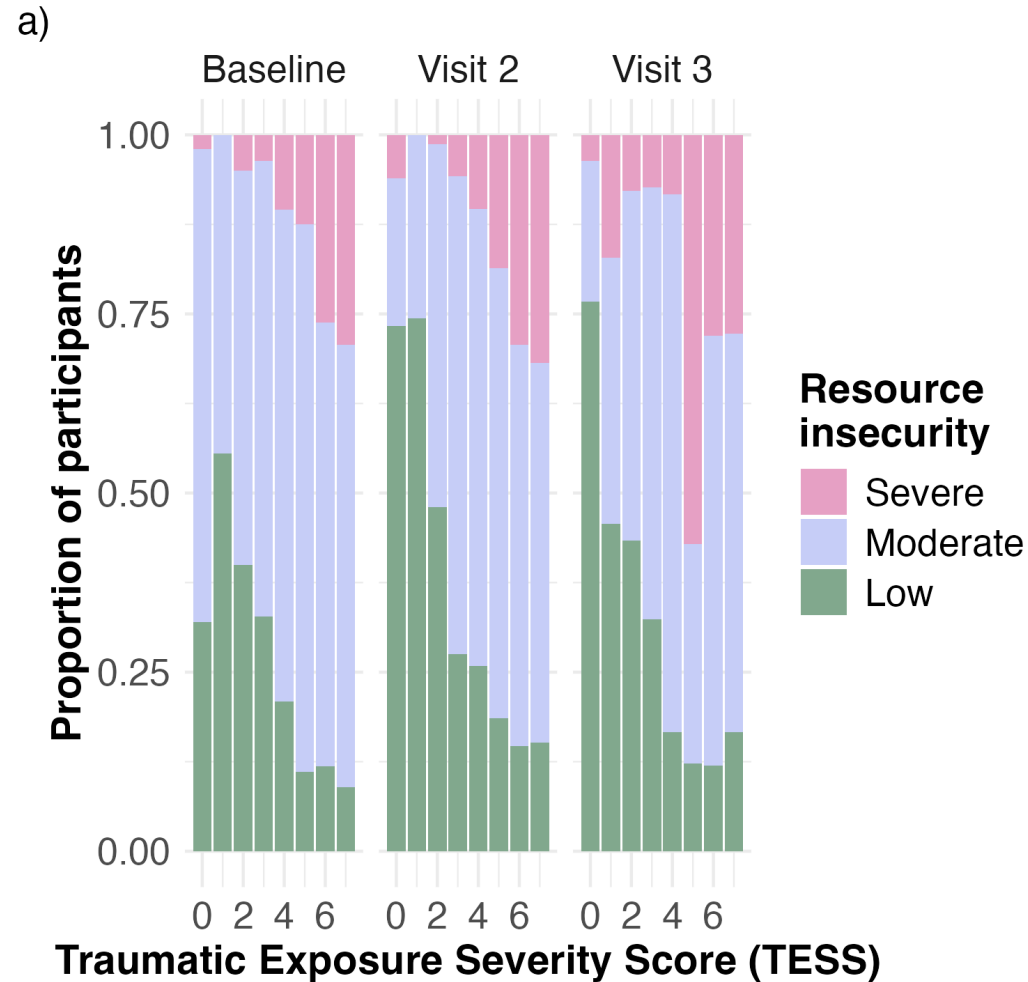
Multiple EWE exposure associated with higher likelihood of being in the moderate and severe insecurity groups:

Severe insecurity group (vs low) reported:

- Increased recent transactional sex
- Increased recent IPV
- Higher adolescent sexual and reproductive health stigma
- Lower sexual relationship power

Moderate insecurity group also more likely to report transactional sex

Severity of extreme weather event (EWE) exposure and resource insecurity state membership at each study visit of *Rada ya Weather*



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Menstruation insecurity as part of HIV and STI prevention

Carmen H Logie · Manjulaa Narasimhan

28 (2026) 100654



Contents lists available at ScienceDirect

The Journal of Climate Change and Health

journal homepage: www.elsevier.com/locate/joclim

Research article

Associations between extreme weather events, resource insecurities, and HIV vulnerabilities with self-reported urinary tract infection symptoms among adolescent girls and young women in Kenya

Carmen H. Logie^{a,b,c,d,*}, Zerihun Admassu^a, Andie MacNeil^a, Aryssa Hasham^a, Lawrence Mbuagbaw^{e,f,g,h,i,j}, Humphres Evelia^k, Julia Kagunda^l, Beldine Omondi^k, Clara Gachoki^l, Mercy Chege^l, Mumbi Mwangi^l, Lesley Gittings^{m,n}, Caetano Dorea^o, Perry Hystad^p, Janet M. Turan^q, Manjulaa Narasimhan^{r,s}

Perspectives

Menstruation and sexual health, well-being and justice

Carmen H Logie,^a Inga T Winkler,^b Manjulaa Narasimhan,^c Amita Bhakta,^d Tara Hutchingame,^a Tahirah Reynolds,^a Ursula Maschette,^e Scheaffer Okore,^f Sarah Njoki W Ngumi^f & Dani J Barrington^g

The vaginal microbiome and HIV acquisition risk

Lindi Masson, Nina Radzey, Andrea G Abrahams, Sinaye Ngcapu, Lyle McKinnon, Heather B Jaspan

Non-optimal vaginal bacteriomes, vulvovaginal candidiasis, and sexually transmitted infections have been associated with increased risk of HIV acquisition in multiple clinical studies. However, there are still major gaps in our understanding of the role of the vaginal microbiome in HIV acquisition risk and non-bacterial components of the vaginal microbiome are not well characterised. Additionally, the functional interactions between the vaginal microbiome and its host that can result in increased risk of HIV acquisition are not fully understood. Better vaginal

Lancet HIV 2026

Published Online

March 30, 2026

[https://doi.org/10.1016/S2352-3018\(26\)00032-9](https://doi.org/10.1016/S2352-3018(26)00032-9)

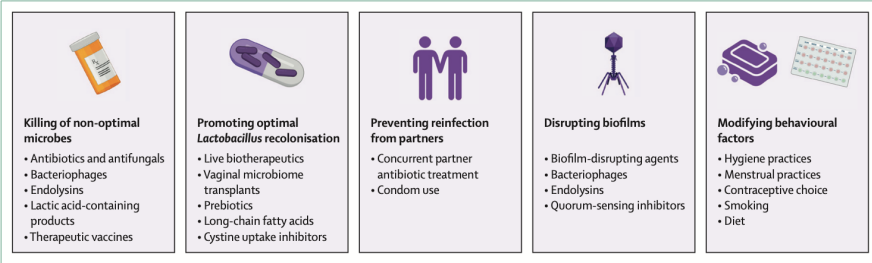


Figure 2: Therapeutic strategies for non-optimal vaginal microbiomes

3 Implications for practice & research



Why is this relevant to the UK?

'Massive disruption': UK's worst-case climate crisis scenarios revealed by scientists

Scientists say government must prepare for unlikely but 'plausible' 4C rise in temperature and a 2-metre rise in sea levels



 The Lancet HIV
Volume 13, Issue 4, April 2026, Pages e258-e270

Articles

Service needs of people living with HIV in the UK (Positive Voices 2022): a cross-sectional survey

Anne Williamson MBBS^a, Prof Fiona C Lampe PhD^b, Adamma Aghaizu PhD^c, Annegret Pelchen-Matthews PhD^b, Alex Sparrowhawk^d, Ben Cromarty^e, Janey Sewell PhD^b, Clare Humphreys PhD^c, Tom Fernandez RN^f, Stephen Taylor FRCP^{g,h}, Prof Alison J Rodger FRCP^{b,f}, Meaghan Kall MSc^c, Colette J Smith PhD^b , Positive Voices 2022 Study Group[†]

LONDON ASSEMBLY

A gender and intersectionality responsive climate adaptation plan for London

From Zack Polanski AM and Researchers from University College London

Effect of police enforcement and extreme social inequalities on violence and mental health among women who sell sex: findings from a cohort study in London, UK

Jocelyn Elmes,¹ Rachel Stuart,² Pippa Grenfell,¹ Josephine Walker,³ Kathleen Hill,⁴ Paz Hernandez,⁵ Carolyn Henham,¹ Sibongile Rutsito,⁶ MD Sarker,¹ Sarah Creighton,⁵ Chrissy Browne,⁷ Marie-Claude Boily,⁸ Peter Vickerman,³ Lucy Platt ¹

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Guidance

Extreme weather and violent behaviour

Severe weather can lead to increased aggressive behaviour and domestic violence.

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Future changes to high impact weather in the UK

Open access | Published: 30 June 2021

Earth's Future

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High-Impact Low-Likelihood Climate Scenarios for Risk Assessment in the UK

[N. W. Arnell](#) , [E. Hawkins](#), [T. G. Shepherd](#), [I. D. Haigh](#), [B. J. Harvey](#), [L. J. Wilcox](#), [L. C. Shaffrey](#), [A. G. Turner](#)

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Why Climate Change is an LGBTQ+ Issue

Friends of

 nswp
Global Network of Sex Work Projects
Promoting Health and Human Rights

Report on the Impacts of Climate Change on Sex Workers

Social drivers of HIV affected by extreme weather:

- food insecurity & housing insecurity
- displacement
- sexual and gender-based violence
- access to healthcare

*marginalized groups most affected, yet have lower coping resources

GLOBAL PUBLIC HEALTH

2025, VOL. 20, NO. 1

<https://doi.org/10.1080/17441692.2025.2547846>



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The value of self-care during climate-related extreme weather events (EWE) to support sexual and reproductive health and rights: Intersections between climate, health, and social inequalities

Manjulaa Narasimhan^{a,b,c}, Carmen H. Logie^{id d,e,f}, Vanessa Brizuela^{a,b}, and Andie MacNeil^d

Health systems

Everyday life

Self management,

self medication, self treatment,
self examination, self injection,
self administration, self use

Self care

Self testing,

self sampling, self screening,
self diagnosis, self collection,
self monitoring

Self awareness,

self help, self education,
self regulation, self efficacy,
self determination

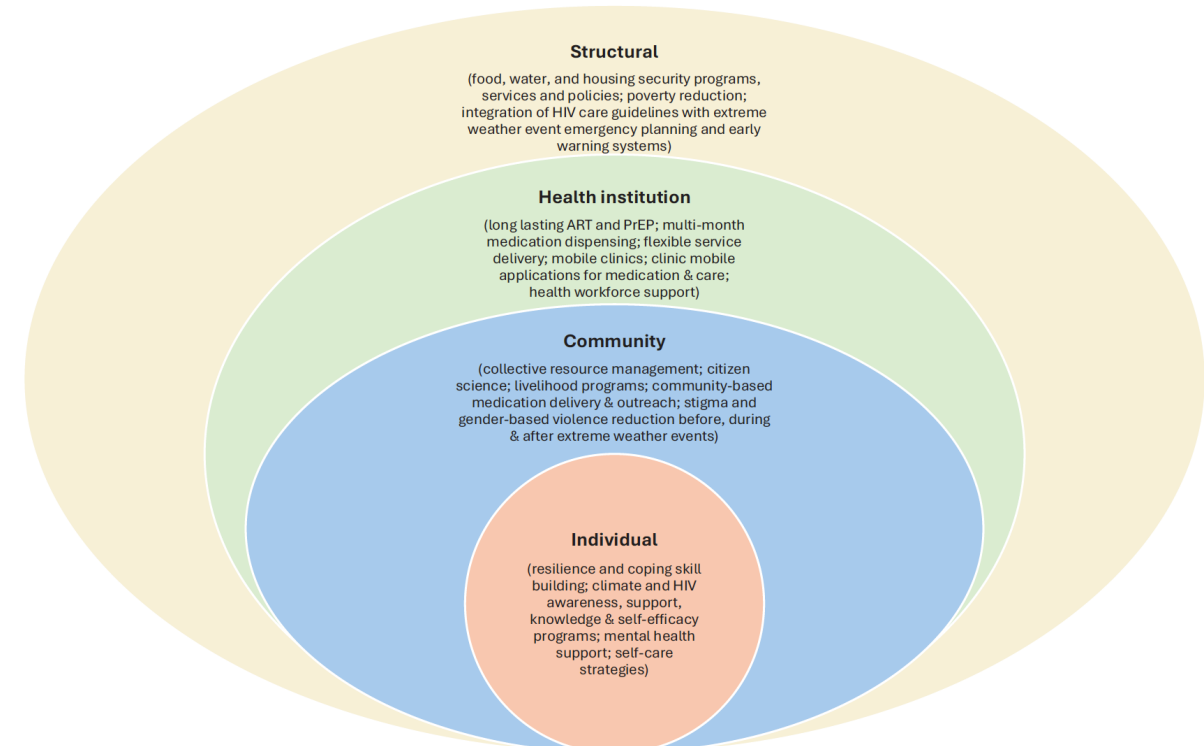
WHO Consolidated Guideline on Self-Care Interventions for Health

Sexual and Reproductive Health and Rights



Climate change and extreme weather events and linkages with HIV outcomes: recent advances and ways forward

Carmen H. Logie^{a,b,c} and Andie MacNeil^a





Climate justice is prefigurative; it envisions not only a world in which climate change no longer exacerbates social inequity, but one in which societal responses to its impacts themselves offer an opportunity to build a more equitable and sustainable world.

Mikulewicz et al., p. 21, 2023

Closing thoughts

1

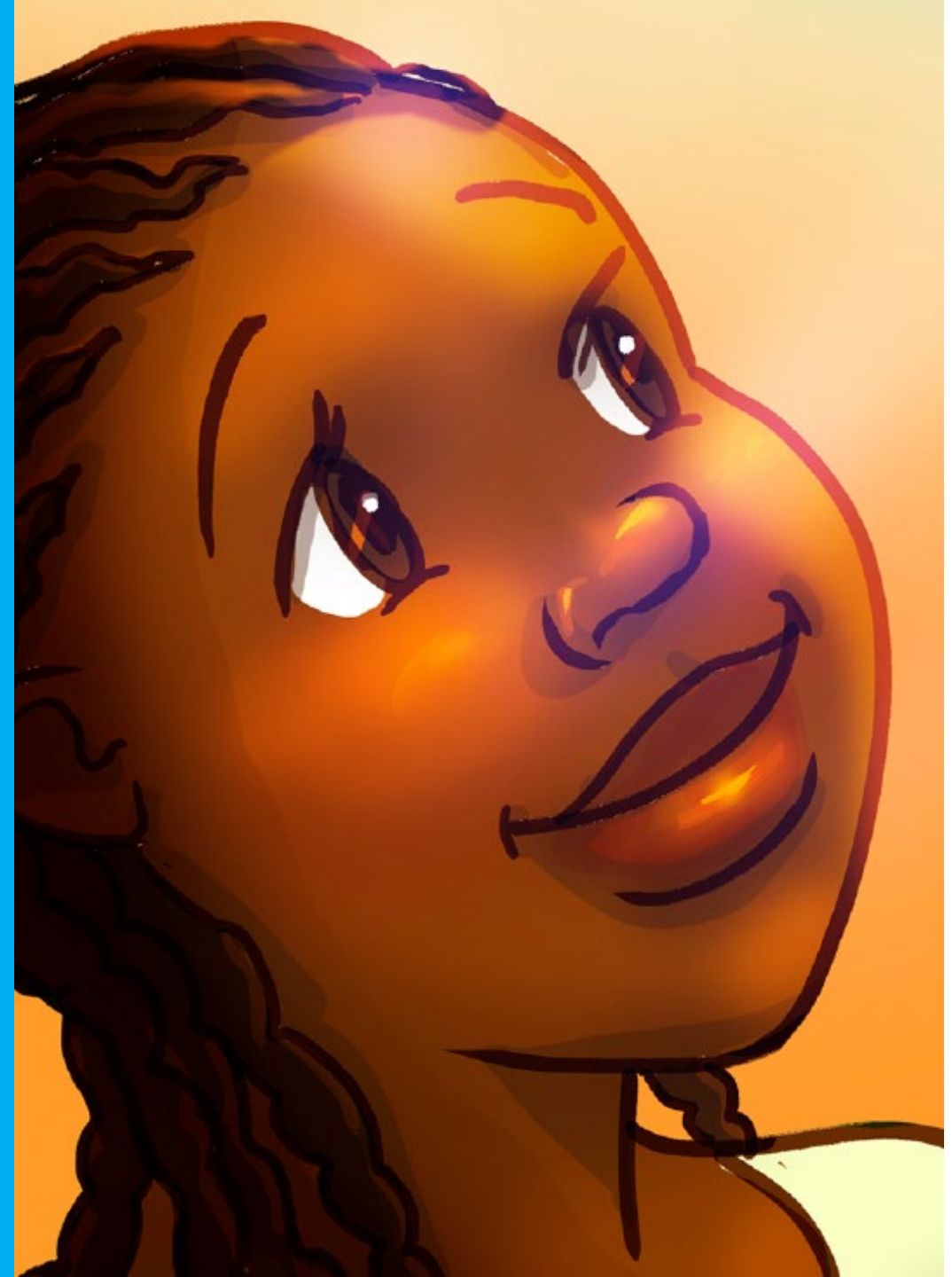
Explore the range of climate issues and extreme weather events

2

Examine how existing social inequities—such as power, gender norms—amplify effects of climate change on HIV

3

Integrate climate-proof, strengths-based, gender transformative and self-care strategies into climate adapted HIV programming



*tout
est
possible*



I do not mean that, because I am hopeful, I attribute to this hope of mine the power to transform reality all by itself, so that I set out for the fray without taking account of concrete, material data, declaring, “my hope is enough!” No, my hope is necessary, but it is not enough. Alone, it does not win. But, without it, my struggle will be weak and wobbly. We need critical hope the way a fish needs unpolluted water.

Paulo Freire

Acknowledgements

Participants & peer research assistants

Uganda team: Kampala: Young African Refugees for Integral Development, Uganda Ministry of Health, International Research Consortium-Kampala: Peter Kyambadde, Moses Okumu, Robert Hakiza, Daniel Kibuuka Musoke, Aidah Nakitende, Brenda Katisi; **Bidi Bidi Refugee Settlement:** Simon Odong Lukone, Nelson Kisubi, Uganda Refugee Disaster and Management Council (URDMC)

Kenya team: Centre for Study of Adolescence, Elim Trust, Humphres Evelia, Julia Kagunda, Clara Gachoki, Beldine Omondi

University of Toronto team: Frannie MacKenzie, Ying Wang, James Stannah, Aryssa Hasham, Zerihun Admassu, Miranda Loutet, Isha Berry, Isabel Sternthal, Fehintola Akinwade, Bay Bahri, Lauren Tailor, Rushdia Ahmed

Canada Institutes of Health Research Institute of Gender & Health (CIHR), Social Sciences and Humanities Research Council of Canada (SSHRC), International Development Research Centre (IDRC), Canada Research Chairs (CRC)

Artists: Petroglyph Comics, Janine Carrington

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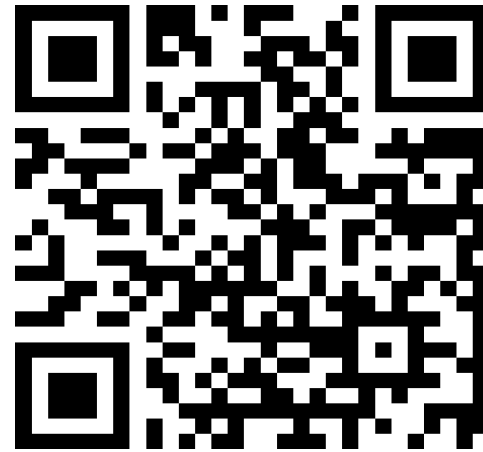
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Refreshment Break