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FINGERS ON OUR PLANET'S PULSE & HANDS ON SOLUTIONS

EarthPulse

Frontline Intelligence on our planet's most pressing problems and evolving solutions.



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Welcome to EarthPulse — the intelligence and solutions exchange from EarthTeam, a global alliance of frontline practitioners working at the intersection of wildlife, human and ecosystem health. Each edition tracks specific challenges to planetary health, and concrete solutions from our partners working around the globe that are shared for feedback, support, and replication. In this issue: an urban river conservation programme that reduces crime and feeds communities; and two programmes trialling novel approaches to human-wildlife conflict, from livestock predation to elephant crop-raiding. Plus, as always: our growing Tool Kit and Solutions Map.

▲ PROBLEM



WASTE & CRIME

A Confluence of Waste and Crime Along the Nairobi River

The riverbank along Korogocho, an informal settlement in Nairobi, long suffered deep-seated challenges threatening both the local ecosystem and the community's youth. For more than 30 years, solid and human waste piled up next to residential homes, creating severe health hazards for families with no resources to address it. Stripped of natural vegetation, the riverbank left residents exposed to severe flooding. The dumpsite doubled as a hiding place for youth pushed into crime by high unemployment — the area lost more than 50 young people to crime and violence.

◆ SOLUTION



SOLUTION SPOTLIGHT

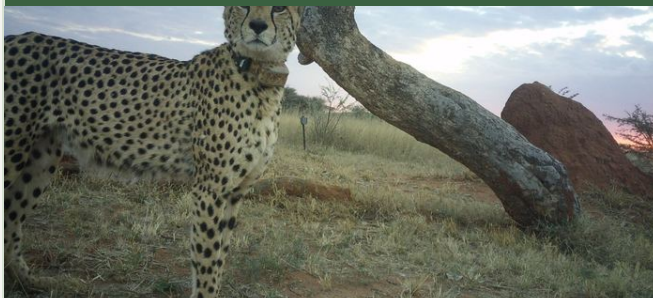
Youth Rebuild a Riverfront — and Their Future

In June 2017, ten young people — many formerly involved in theft and petty crime — formed Komb Green Solutions to "flip" the dumpsite into a safe, green public space. Over a year, they organized systematic cleanups, built gabions to stabilize the eroding riverbank, and planted grass, trees, and bamboo to reduce erosion and store carbon. The result: the vibrant Korogocho People's Park, standing where a dumpsite once stood.

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HUMAN-WILDLIFE CONFLICT

Livestock Losses Fuel Retaliatory Killing of Predators

For livestock farmers, losing even a few animals to predators can threaten a family's livelihood. When livelihoods suffer, cheetahs, leopards, lions, hyenas, and African wild dogs are often killed in retaliation. Human-wildlife conflict remains one of the greatest threats to Africa's predators — today fewer than 7,000 cheetahs remain in the wild, and nearly 80 percent live outside protected areas on land shared with people and livestock.

Source: Dr. Laurie Marker, Cheetah Conservation Fund

◆ SOLUTION



SOLUTION SPOTLIGHT

Guardian Dogs Cut Losses by Up to 100%

CCF's best-known innovation is its Livestock Guardian Dog Programme, where over 800 Anatolian Shepherd and Kangal dogs have been bred and placed with farmers. Raised alongside livestock from puppyhood, the dogs become trusted protectors of the herd. Hundreds of farmers report livestock losses to cheetahs and other predators falling by 80 to 100 percent after introducing a guardian dog.

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▲ PROBLEM



CROP RAIDING & CONFLICT

Elephants Raiding Crops Bring Harm to Thailand's Farming Communities

Across four landscapes in Thailand, wild elephants emerging from protected areas raid durian, jackfruit, pineapple, and cassava crops, bringing real economic harm and sometimes physical danger to farming communities that have lived alongside elephants for generations.

Source: EarthRanger, Thailand's Elephant Early Warning System

◆ SOLUTION



SOLUTION SPOTLIGHT

AI Camera Traps and a Mobile App Deliver Real-Time Elephant Alerts

A new EarthRanger-powered system pairs AI-enabled camera traps with a Thai-language mobile app, letting community members log elephant sightings and crop-raiding incidents from their phones. At Kuiburi National Park, 64 cameras across 32 farms have identified 25 individual elephants; when one approaches farmland, alerts reach community ranger teams within minutes, giving them time to guide the animal back to the forest before damage occurs.

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STAY TUNED FOR EARTHTEAM STARS

A New Community-led Verification and Reward System for Planet Protectors

There's billions of dollars available every year for projects that mitigate global warming and protect biodiversity and local communities. Meanwhile, over 1,000 frontline organizations are working tirelessly around the world to protect our planet and people, most on shoestring budgets. The canyon between investors and frontline protectors persists due to complex and costly verification and donor application processes. Our solution: A user-friendly, yet rigorous --and free-- verification system that helps frontline groups report and fundraise faster and better, while engaging and educating the public to join planetary health efforts. Fueled by our growing global community, blockchain and AI, the new Star token will track and verify collaboration, action, and impact, while making all planet protectors eligible for recognition and rewards. **Find Out More →**

Want to be part of the network? Tell us about your solutions and connect with frontline practitioners, researchers, and organisations working across wildlife, ecosystems, and communities.

[JOIN EARTHTEAM →](#)

TOOLS & RESOURCES

iTHINK Behavior Change Toolkit

A tailor-made suite of materials to shift the behavior of wildlife consumers and reduce long-term pressure on endangered species.

[ACCESS TOOLKIT →](#)

Wildlife Friendly Skies Toolkit

Helps aviation and transport workers identify, report, and disrupt wildlife trafficking moving through air travel networks.

[VIEW TOOLKIT →](#)

Wildscan Species Identification App

Instantly identify over 350 endangered species and report illegal trade to protect the world's most vulnerable wildlife.

[GET APP →](#)[MORE TOOLS →](#)

TOWN HALLS

Upcoming Town Hall — Undercover on a Chinese Tour Group in Laos: Insights on Wildlife Trafficking

An inside look at how wildlife trafficking moves through tourism networks, and what it reveals for conservation and enforcement. Open to all members.

August 5, 2026[REGISTER →](#)

Previous Town Hall — Turning Waste Into Change: The Komb Green Solutions Story

A conversation with Komb Green Solutions on transforming a Nairobi River dumpsite into Korogocho People's Park — and reformed youth into environmental stewards.

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Explore the Solutions Map

Find partners, tools, and success stories mapped by region, theme, and EarthTeam Star rating. Updated regularly.

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