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FINGERS ON OUR PLANET'S PULSE &amp; 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. In this issue: Illegal nearshore fishing threatening coastal livelihoods; human-wildlife conflict at the intersection of farming and wild habitats; and industrial agriculture threatening ecosystems and human health — alongside solutions from our expanding network. Plus, as always: our growing Tool Kit and Solutions Map.

## ▲ PROBLEM



### ILLEGAL FISHING

#### Illegal Nearshore Fishing Quietly Undermines Coastal Livelihoods and Biodiversity

Coastal communities worldwide depend on nearshore ecosystems for food, livelihoods, and cultural identity — but illegal fishing and extraction are quietly eroding that foundation. Large vessels can be tracked by AIS and satellites, but much of the real damage happens in small, unregistered boats operating outside monitoring systems. Globally, many communities feel the burden of overfished coastal waters, and enforcement capabilities

## ◆ SOLUTION



### SOLUTION SPOTLIGHT

#### M2 Mobile Monitoring System Captures Illegal Activities in Nearshore Marine Areas

A California-based company's monitoring system gives coastal communities and enforcement agencies something they've never had: a deployable, shoreline-based unit that captures radar and camera footage of vessel and human activity in real time. Rugged enough for the most remote coastlines and requiring no offshore infrastructure, it turns invisible illegal activity into documented, actionable evidence — shifting the balance of power toward the communities trying to protect their waters.

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have remained low for this kind of illegal activity.

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Source: [APA News — IGAD Alarmed Over Illegal Fishing in East Africa](#)

▲ PROBLEM



HUMAN-WILDLIFE CONFLICT

Human-Wildlife Conflict Continues to Take a Toll, on Elephants and Low-Income, Rural Communities

With increasing human population and conversion of natural habitat for agriculture, close interactions between humans and wildlife are becoming more frequent. The result: increased human-wildlife conflicts. In areas where farming overlaps with wildlife habitats, crops and livestock are threatened by roaming wild animals in search of food, such as lions and elephants. In many cases this has led to retaliatory killings. While global attention focuses on species protection, many developing communities are bearing a heavy burden as they are forced to coexist in increasingly tighter proximity.

Source: [Africa Geographic — Human-Wildlife Conflict in East Africa](#)

◆ SOLUTION



SOLUTION SPOTLIGHT

How a Community-led Fence Project in Zimbabwe is keeping Elephants and Humans Safer

A community in Masoka, Zimbabwe was losing \$300,000 every year to elephants. In response they teamed up with the Awe for Nature Foundation to implement an elephant fence that could protect them and their crops, as well as the elephants. This community-led solution aims to decrease community hostility towards wildlife, as well as prevent the loss of human lives and livelihoods. The innovative 22 km fence is already showing success at fending off elephant raids. They are actively transforming points of conflict into opportunities for coexistence.

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▲ PROBLEM



INDUSTRIAL AGRICULTURE

Industrial Agriculture Continues to Threaten Ecosystems and Human Health

◆ SOLUTION



SOLUTION SPOTLIGHT

An Agroforestry Farm In Wisconsin is Working with Nature and Producing

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| <p>farms — endless fields of corn, soy, and wheat — are bulldozing natural habitats, exhausting soils, and pumping carbon into the atmosphere. Much of what they grow isn't even real food: it fuels cars, fattens factory livestock, or becomes processed junk food making us sick. Governments subsidize this destruction, locking farmers and nations into a model that is failing on every measure — environmental, nutritional, and economic. Wildlife loses habitat. Ecosystems collapse. And the rest of the world is following our lead. We are farming ourselves into a crisis.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                                                                                                                                                                                             | <p>practiced in various forms for thousands of years. It's being resurrected by farmers in the American Midwest that are practicing agroforestry to work with nature rather than against it. Instead of clearing land of trees, these farmers plant them. Instead of growing a single crop across hundreds of acres, they are cultivating diverse systems where fruit trees, nut trees, grazing animals, pollinators, and vegetable crops share the same land — each supporting the others. The results are striking, as we glean progress from Good Trouble Grove in Wisconsin.</p> <p><a href="#">READ MORE →</a></p> |             |
| <div><div></div><div><div>STAY TUNED FOR EARTHTEAM STARS</div><div>A New Community-led Verification and Reward System for Planet Protectors</div><div>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. <a href="#">Find Out More →</a></div></div></div> |  |                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |
| <div><div><div>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.</div><div><a href="#">JOIN EARTHTEAM →</a></div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |
| <div>TOOLS &amp; RESOURCES</div> <div><div>Human Elephant Coexistence Toolbox</div><div>Advice, actions and tools to reduce conflict with elephants and support communities.</div><div><a href="#">ACCESS TOOLBOX →</a></div></div> <div><div>Mushroom Farming Guide</div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | <div>TOWN HALLS</div> <div><div>Upcoming Town Hall — Big Cats in the Spotlight</div><div>Focus: conservation, conflict, and coexistence for big cat species worldwide. Open to all members.</div><div>May 6, 2026 · 2:00 PM UST</div></div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |



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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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