



A Farm Goes Wild

TRT: 9 MINUTES

Derek Gow is a farmer in western England, or at least he was. Now, he's using his decades of experience in conservation to return his land to its original state, as a healthy, biodiverse ecosystem. He's also breeding native species now rare in Britain for reintroduction across the country.



America's BFF

TRT: 18 MINUTES

Black-footed ferrets, North America's only native ferret, still depend on humans for survival. That's why a dedicated team has engineered new and innovative tools to help them make it in the wild.



Birds on the Brink

TRT: 10 MINUTES

Humans have introduced new species of plants and animals since they first arrived on the Hawai'ian islands, and these invaders have devastated many local species, including an incredible radiation of birds known as the honeycreepers. Now, counter-measures to mitigate the threats of predators and another invasive species — a mosquito that carries avian malaria — are helping to protect these amazing, endangered birds.



Coral Comeback

TRT: 11 MINUTES

Kira Hughes has witnessed how a warming ocean killed up to 80% of the coral in reefs around Oahu over the past ten years. But she and her colleagues, along with help from the local community, are now breeding the thermally-resistant corals to survive future "bleaching" events—and are already installing them back in the wild.





Cougar Crossing

Los Angeles is well known for its celebrities, so when the fearless cougar P-22 gained fame for making its home in the midst of the city, he inspired an effort to build the world's largest wildlife crossing and helped spark a national campaign to support crossings and corridors everywhere.



Gardener to Guardian

Amid collapsing biodiversity worldwide, Mary Reynolds of Ireland is building a movement to turn gardeners into guardians of the planet, by returning our own patch of land to nature and restoring hope that individual action can create lasting change.



Jaguar Passage

Jaguar populations are in decline worldwide, but the Central American country of Belize remains a big cat stronghold. Yet, the only remaining link between its protected habitats, a six-mile corridor of forest, is at risk of being severed, and conservationists are in a race against time to preserve it.



Mission Impossible

The 'wacky genius' behind the invention of the Impossible Burger has set his sights on his next great project: converting cattle ranches back into carbon sequestering forests, a task much easier said than done. Meet biochemist Pat Brown as he takes yet another bold step towards restoring planetary health.

TRT: 13 MINUTES

TRT: 39 MINUTES

TRT: 14 MINUTES

TRT: 13 MINUTES





Protecting Paradise

TRT: 14 MINUTES

On Panama's remote Pearl Islands, marine biologist Callie Veelenturf is using her research on endangered sea turtles to help the country enshrine the rights of nature into law—and help the communities living there protect their own environment and livelihood.



One Golden Chance

TRT: 10 MINUTES

The Golden Lion Tamarin stands as a beacon of hope and survival in the face of extinction. In the 1970s, their population dwindled to fewer than 200 individuals. However, a decades-long captive breeding program, spanning 150 zoos globally, successfully reversed their decline. Regrettably, a recent yellow fever outbreak led to a significant loss of over 1,000 tamarins, nearly a third of the total population, imperiling a meticulously managed genetic recovery program. Fortunately, virologist Marcos da Silva Freire pioneered a groundbreaking approach. He rapidly adapted a human vaccine to inoculate almost 400 tamarins, a pioneering endeavor among wild animals.



Rebuilding a Forest

TRT: 16 MINUTES

In Brazil's Atlantic Forest, Mauricio Ruiz has turned his love for nature into action by working with the community to reforest a critical stretch of the nation's most endangered forest, and by using drones to help him reach his goal of planting 15 million trees.



Return of the Manatees

TRT: 16 MINUTES

Today, manatees are experiencing what scientists call a UME — an unusual mortality event — where some 1000 of them are dying each year; a crisis for a population of only 7000. But citizens in the manatee stronghold of Crystal River have pioneered an approach to restore critical seagrass that now shows promise to help the gentle giants throughout their range.





Rewilding Rio

There's a park in the center of Rio de Janeiro that's five times the size of New York's Central Park, but it boasts only one third of the wild species that used to live in it. Today, there's a group of scientists who are reintroducing wildlife — monkeys, tortoises, rodents called agoutis — and restoring functionality back in the ecosystem.



Road Warriors

Fernanda Abra leads a crucial conservation initiative in Brazil, where vehicles annually kill about 475 million vertebrates—more than double the country's human population. She spearheads over 300 projects targeting roads with high wildlife casualties. Her approach includes installing underpasses and canopy bridges to ensure safe travel for terrestrial wildlife, like big cats, and arboreal creatures like monkeys, effectively reducing roadkill mortality. These structures also reconnect fragmented habitats, promoting genetic diversity and overall population health across various species.



Seabird Sanctuary

Petrels and shearwaters are sea birds that spend most of their lives out over the open ocean, but they return to land once a year to breed and raise their young.

Conservationists on the island of Maui are safeguarding their rookeries by installing predator-proof fences around them and attracting the birds inside with decoys and audio recordings.



The Frog ARK

Many of the world's most beloved frogs and amphibians are headed for extinction, but inside "The Ark" in Panama, some of those threatened species are given a fighting chance. Using innovative technology and breakthrough genetics, researchers have ignited a cadre of solutions to save these rare and cherished species.

TRT: 11 MINUTES

TRT: 16 MINUTES

TRT: 9 MINUTES

TRT: 15 MINUTES





The Great Ocean Cleanup

TRT: 15 MINUTES

Inventor Boyan Slat is on a mission to rid oceans of plastic. His team at The Ocean Cleanup designs and deploys systems that pull trash from the open ocean — now, he's stopping the pollution at its source: rivers where plastic is easier to catch, like those in Kingston Harbor.



The Serpent's Lair

TRT: 12 MINUTES

In the face of extreme habitat loss, biologist Dr. Chris Jenkins puts an ambitious plan in motion to save two American reptiles, the eastern indigo snake and the gopher tortoise.



Turtle Trackers

TRT: 11 MINUTES

Three species of sea turtles nesting along the southeast coast of Florida face a range of threats to their survival. Thanks to conservation measures, greens and loggerheads are thriving, but leatherbacks remain at risk. Researchers know little about them, so they're pioneering ways to study them, and safeguard their habitats.



Vertical Meadows

TRT: 8 MINUTES

As urban expansion quickly replaces natural habitats, façade engineer Alistair Law has created a radically new way to restore native ecosystems for pollinators and create natural spaces for us all within cities—by turning the walls of buildings and construction sites into meadows.