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Guards use artificial intelligence to combat wildlife hunters - 24Brasil

TUESDAY JUNE 14, 2016 17:57:37**GUARDS USES ARTIFICIAL INTELLIGENCE TO COMBAT ANIMALS WILD HUNTERS**[Brazil \(Http://Www.24brasil.Com\)](http://www.24brasil.com) [Life \(Http://Www.24brasil.Com/Vida\)](http://www.24brasil.com/vida) Guards use Intelligence Arti cial to Combat Wildlife Hunters 06/14/2016 14:20

ANDA Writing - News Agency of Animal Rights

Playback / AmiVitale

Hunters kill about 96 African elephants every day, but now scientists hope a new artificial intelligence tool (IA) can help wildlife authorities to combat this scenario.

The "PAWS" which signi ca Protection Assistant for Security Wildlife, provides data on activities and hunting routes for patrols and makes a prediction of where hunting can take place, reports National Geographic.

These routes are random to prevent hunters learn patrol patterns. Thus, PAWS can continually offer new prospects as more data is added.

Milind Tambe, a professor of computer science at the University of Southern California, developed an interest in an artificial intelligence solution to combat the hunt after going to the Global Tiger Conference.

In 2013, Tambe assembled a team that created the PAWS. The algorithm used by the new feature is based games safety. Using the theory of security games, Tambe created algorithms that predict the locations and more ective for agents and intervene surveillance teams in smuggling and terrorist activities.

Fang Fei, one team members, had written an article about how the security games could be used to prevent crimes against wildlife.

The team Tambe has partnered with the Authority for Wildlife in Uganda, in which the collected data 14 years of hunting activities. The database included more than 125,000 observations on traps, remains of animals, hunting and other signals.

So Tambe and his students built the first version of PAWS for a test deployment.

In a published work, Fang and team warn that compared to patrols is not perfect, but that data, however, show that the "PAWS can guide patrol the main points and provide hunting

valuable suggestions to plan patrols. "

No arrests were made with the aid of PAWS, but that could change at the end of this year has not been made because the action must be taken to the Queen Elizabeth National Park for three months for a new deployment.

Unlike other artificial intelligence technologies developed to replace the workers, PAWS is a tool for rangers' rest.

"It is necessary that the artificial intelligence and human intelligence to work together," says Tambe.

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