

# Rising temperatures upend migratory bird habitats in Albania

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A fisherman prepares a net at the Vain Lagoon -- home to 196 species of migratory birds that pass through each year in search of food and sun.

Long considered a Garden of Eden for migratory birds, the Vain Lagoon along the northern Albanian coast has been increasingly abandoned by a

range of species as rising temperatures wreak havoc on wetlands across the country.

Millions of birds pass through Albanian lagoons and estuaries during flights north every year, providing critical grounds for migratory species traveling between northern Europe and Africa.

The Vain Lagoon covers more than 3,000 hectares (7,400 acres) stretched along the Adriatic Sea and is home to 196 species of [migratory birds](#).

Long-legged flamingos with bright pink plumage, black-headed gulls, slender egrets, whistling ducks and teals with their raspy birdsong are among the species that frequent the area.

But their numbers are in steep decline, according to experts.

At least 40 percent of the total migratory bird populations were missing in January, the latest survey reported. For several years, the mallard duck has all but disappeared.

Scientists say that poaching, poisoning, collision with [power lines](#) and loss of habitat kills migratory birds by the thousands every year. But spiking temperatures across the globe may prove even more disruptive.

"There are many reasons, but above all it is global warming which has affected migration and breeding seasons," said Kreshnik Toni, who oversees the protected nature reserves in Lezhe, which includes the Vain Lagoon.



The area is considered a Garden of Eden for migratory birds -- but year on year, their numbers are plummeting, experts say.

Local fishermen have also blamed [warming waters](#) for the overall decline in [fish populations](#) in the area, depriving the birds of vital food supplies.

"Water temperatures, rising sea levels and other factors have led to a decline in fish stocks," said Nikolle Lucaj, who has been fishing commercially in the area for 35 years.

Once abundant, the population of eels—a favored prey for many [bird species](#)—in the area has dropped by as much as 80 percent, said Cel Arifi, who oversees fishing operations at the Vain Lagoon.



Invasive species like blue crab, which are native to the waters of the West Atlantic, have also threatened the biodiversity of wetlands in Albania.

"They attack birds and they are very aggressive even towards flamingos," Lucaj told AFP.

Pollution along with the degradation and destruction of the birds' habitat by humans also poses a significant risk, warned Mirjan Topi, the author of the first field guide of birds in Albania.

A young stork carrying a GPS device that tracked its migration in real time died last year in Greece after hitting an electricity pole.



Experts warn that pollution and the degradation and destruction of habitats by humans pose a significant risk to the rich variety of species in the area.

### 'Global problem'

Some birds, like white storks—an [endangered species](#)—spent less time in Africa this year only to return much earlier than expected to Albania, according to conservationists.

Scientists have also been closely watching a pair of mated storks for the past seven years, with the couple nesting at the same spot in Albania.

"But another pair of storks preferred to spend the winter in Albania rather than take the risk of a long and perilous migration to Africa," said Taulant Bino, who chairs the Albanian Ornithological Association (ASO).

Worried Albanian ornithologists are also impatiently awaiting the return of an Egyptian vulture from Chad, which is equipped with a GPS device.

The sacred bird of the pharaohs, which is now endangered, "is exposed to a lot of danger during this journey of more than 5,000 kilometers (3,100 miles) across three continents" said Ledi Selgjekaj, a biologist working with the Protection and Preservation of Natural Environment in Albania group.



A couple of storks stand in their nest atop an electric pole -- many birds prefer to winter in Albania rather than risk a perilous migration to Africa.

The European population of the Egyptian vulture alone has fallen by 50 percent since the 1970s. In the Balkans, it has declined by 80 percent over the past 30 years alone, according to Topi, who wrote the field guide on Albanian birds.

In Albania there are only five couples left, Topi added.

To preserve the dwindling population, ornithologists groups from Albania and Greece have built secure sites aimed at eliminating threats during breeding.



"No country can fight the battle alone," said Bino from ASO. "Climate change and the risks that migratory birds face during their journeys are a global problem."

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