Empowering people to save nature

SAVING NATURE TOGETHER

In critical conservation projects all around the world, the international nature conservation charity Fauna & Flora uses Esri's ArcGIS system to better **understand the risks** for threatened species, **monitor changes** in landscapes and **prioritise intervention initiatives**. Used by 175 staff across 20 countries, ArcGIS empowers everyone to make the best possible decisions and save nature.

THE CHALLENGE

Fauna & Flora works to protect all kinds of nature from pygmy hippos and turtles to ancient magnolia trees and seagrass meadows. Through partnerships with local communities, the charity addresses some of the most challenging global issues, including habitat destruction, illegal poaching and plastic pollution.

In conservation projects in Africa and the Asia-Pacific, around 30 conservationists had begun to use open-source geographic information system (GIS) software to map habitat changes. Outside of these small pockets of GIS usage, however, the technology was not widely known within the organisation and there was no common approach.

"There were other teams who were not using GIS and didn't know that they needed it," explains Harriet Branson, Technical Specialist, Remote Sensing and GIS, at Fauna & Flora. "We wanted to make a wider range of GIS capabilities available to everyone and have a single GIS strategy for the whole organisation."

&Fauna & Flora
Saving Nature Together

> " Being able to analyse data in a robust, accurate way is what makes conservation work. "
>
> Harriet Branson
> Technical Specialist, Remote Sensing and GIS, Fauna & Flora

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THE SOLUTION

After evaluating different options, Fauna & Flora opted for Esri's ArcGIS system, recognising that it offered a complete package of desktop, online and mobile solutions for analysing geospatial data, collecting data, story-telling, monitoring change on dashboards, sharing data via web maps and storing data centrally. "We felt that having a full range of GIS tools and capabilities, all in one place, would boost the accessibility and use of GIS throughout our organisation," recalls Branson.

Almost immediately, the number of people using GIS internationally doubled from **30 to 60** and, within four years, there were more than 175 people using ArcGIS across 20 countries. These employees now use GIS for far more than just map generation, taking advantage of the full the range of ArcGIS solutions to gain insights, streamline data collection in the field, aid collaboration and improve data sharing.

Environmental Protection

Deeper Insights

Mapping & Analysis

THE BENIFITS

Improved visualisation of conservation priorities

Effective empowerment of partners and communities

Deeper insight into conservation challenges

More efficient data collection and data sharing

agi THE ASSOCIATION FOR GEOGRAPHIC INFORMATION

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