

Eye in the sky

Indigenous wisdom for a data-driven future

Who knew the wood buffalo holds the key to environmental conservation in Canada?

The elders did.

ShagowAskee is a group of indigenous elders, trappers, and knowledge keepers from Northern Alberta, Canada. A key focus is protecting the Wabasca wood buffalo – a culturally significant, genetically unique herd of endangered buffalo, also known as “ecosystem engineers” for their role in nutrient cycling, fire management, and promoting biodiversity.

ShagowAskee uses generations of indigenous wisdom to defend local habitats, sustain indigenous ways of life, and protect biodiversity in the modern world, and now with Sogeti’s Geo Satellite Intelligence and AI platforms is able to support this with data and insight.

Amid growing deforestation, protecting the remaining wood buffalo herds and their habitats represents security and prosperity for future generations. ShagowAskee now uses compelling visual evidence to engage more effectively

with government, policy makers, operators, and communities, and share with them the wisdom of the land – a meaningful step toward the next 100 years.

“It was exactly what we were looking for: a way for technology to illustrate indigenous insight by visually articulating what is happening to the land in Canada. With GSI, we can much more easily support the facts with evidence going back to the 80s that shows how badly we need to improve environmental practices and policy.”

Sugu Thuraishamy,
Managing Director, ShagowAskee Foundation

“Our science is the land, and the land is always true.”

Johnson Alook,
Managing Director, ShagowAskee Foundation

