

# Leveraging Ecological Data to Advance the Shared Conservation Agenda



“ LANDFIRE generates high-impact, creative data science that informs immediate conservation actions and supports the Shared Conservation Agenda – *one landscape at a time* ”

## Problem:

Increasing the scale and impact of natural resource protection requires access to rich, accurate, and timely ecological data. Providing, analyzing, and visualizing data is the focus of TNC's LANDFIRE Team.

## Solution:

*We know data.* The LANDFIRE Team has over 75 years of combined experience ranging from fungi to forests that supports landscape analysis & conservation planning. We can help your team find data that suites your project objectives.

## LANDFIRE provides data that help practitioners:

1) Protect and promote healthy ecosystems

2) Facilitate climate change adaptation & mitigation

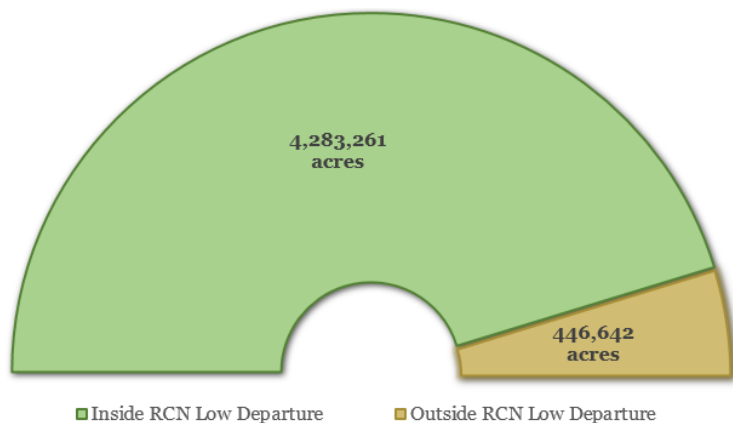
## Impact:

## How LANDFIRE data contribute to the SCA in the MWD:

### 1. Protected land, *Outside the Resilient and Connected Network*

LANDFIRE powered data helped identify 446,642 acres of **protected land in good condition** (low departure) that is adjacent to land in the RCN.

**Action:** Targeted improved management on these adjacent lands could bring **446,642 acres** into the RCN and increase climate resilience.



### 2. Unprotected land, *Inside the Resilient and Connected Network*

LANDFIRE powered data helped identify 2.75 mil. acres of **unprotected land in good condition** (low departure).

**Action:** TNC / partners could acquire some (or all) these lands & the MWD would be closer to the “Protect Land and Water” goal of protecting **1 mil. acres** by 2030.



LANDFIRE advances the Shared Conservation Agenda in the Midwest Division and beyond. Our team will help you locate and leverage useful data sets and provide guidance on how to use them to meet your objectives.