



IRNR 2015

ANNUAL REPORT

Discovery • Stewardship
Innovation • Engagement

MISSION

Our mission is to solve complex natural resource challenges through discovery, engagement, innovation and land stewardship. Our vision is a future where the benefits of private lands are enhanced and the value of land stewardship is promoted and strengthened.

WHO WE ARE

Texas and the nation face many complex natural resources challenges. At the Texas A&M Institute of Renewable Natural Resources (IRNR), our work is about improving the conservation and management of natural resources through interdisciplinary and applied research, partner engagement, innovation and land stewardship.

Our interdisciplinary approach — partnering with universities, research and extension centers, and public and private organizations — promotes the *safety, security and sustainability* of land, water and wildlife. As part of Texas A&M AgriLife Research, Texas A&M AgriLife Extension Service and the Texas A&M College of Agriculture and Life Sciences, the Institute is well-equipped to meet the natural resource challenges of our day and those to come.



OUR PROGRAMS

LAND TRENDS AND CONSERVATION DESIGN

We assess rapid rural to urban land changes and provide innovative solutions using geospatial tools and approaches to conserving natural resources and private working lands.

WILDLIFE CONSERVATION AND MITIGATION

We conduct problem-driven research addressing today's wildlife and habitat management issues and translate scientific solutions into engagement strategies for managing tomorrow's wildlife populations sustainably.

SUSTAINABLE ENERGY DEVELOPMENT

We support environmentally responsible and safe energy production through innovative research and technologies that reduce the footprint of oil and gas activities and bring together regulators, industry, academia and environmental organizations.

MILITARY LAND SUSTAINABILITY

We support the U.S. Department of Defense's testing and training activities using an integrated approach via our expertise in land management and regional planning, research and policy innovations, and education and outreach.

PRIVATE LAND STEWARDSHIP

We foster stewardship of private lands and their associated public benefits. Our various programs and vast experience in working closely with private landowners and private landowner groups offer unique engagement opportunities based on science-based, pragmatic solutions to emerging natural resource challenges.

BY THE NUMBERS

in 2015

167



presentations to

9,969

people in attendance

\$5,254,952

in external grants



51

publications

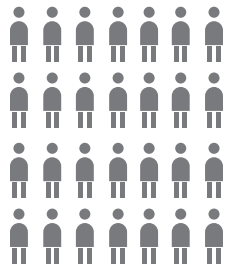
2,333



Conservation Matters
email newsletter
subscribers

199,468

Tweets viewed by
Twitter users



28

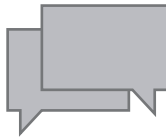
students
supported

45

media
mentions

11

news
releases



1,290

social media
followers

FEATURED IMPACTS

STATUS SPECIES ASSESSMENTS

More than 70 candidate species are being reviewed in Texas under the Endangered Species Act, and their listing may have significant economic and regulatory impacts statewide. We have played a key role in developing Species Status Assessment frameworks — analytical, scientific assessments of a species' viability — for various candidate species, including the Texas hornshell, Sprague's pipit, spot-tailed earless lizard, Louisiana pine snake and red-cockaded woodpecker, to name a few. The benefit of this timely research is the practical use of best available science for improved, transparent and defensible decision-making.



PRIVATE LAND STEWARDSHIP

As a founding member of the *Center for Private Land Stewardship*, a partnership with the East Foundation and Noble Foundation, we have made significant strides in offering practical and field-oriented training in land stewardship for natural resource professionals, landowners and natural resource students. Annual efforts include developing a Private Land Stewardship Academy for county Extension agents and a unique graduate certificate in Private Land Stewardship and Policy.



SERVICES

Our team provides the following technical and professional services:

- Project Management and Environmental Planning
- Environmental Monitoring and Field Surveys
- Statistical Analyses and Ecological Modelling
- Geospatial and Remote Sensing Analyses
- Database Design and Web-based Mapping
- Communication and Engagement Strategies

LOCATIONS

To assist in our regional partnerships and projects, our scientists and staff are located at multiple offices: College Station, San Antonio, Dallas and Washington, D.C.

IRNR.TAMU.EDU

SOCIAL MEDIA: @TXIRNR