Texas Wildlife Information Management Services (TWIMS)

Texas Parks & Wildlife Department, Wildlife Division
2008 – Present

2012 OFWIM Conference, Austin, Texas
Stephen Lange, TWIMS Program Specialist
Texas Wildlife Information Management Services (TWIMS)

The Wildlife Division of the Texas Parks and Wildlife Department has instituted the Texas Wildlife Information Management Services (TWIMS) program with the goal of integrating all data collected by the Wildlife Division.

- **Technical Guidance**
- **Outreach**
- **Regulatory**
- **Permits**
- **Baseline**
Texas Wildlife Information Management Services (TWIMS)

The purpose of this program is to provide the information needed to make better decisions concerning the management of wildlife resources in Texas.

How?

• Create secure, centralized client/server systems to input data into a single database

• Store and analyze data, generate reports

• System for printing permits within the embedded programs
Texas Wildlife Information Management Services (TWIMS)

Current permitting programs:

- Managed Lands Deer Permits (MLDP),
- Antlerless Deer and Spike Control Permits (ADCP),
- Trap, Transport, and Transfer (TTT) permits,
- Trap, Transport, and Process (TTP) permits,
- Deer Management Permits (DMP), and
- Depredation Permits in Texas.
Texas Wildlife Information Management Services (TWIMS)

This system provides important tools for TPWD biologists, managers, and constituents which will significantly increase the efficiency of managing information and data by:

- Data collection standardization, validation
- Storage and backup
- Eliminating redundant data collection

Developed around a custom built web-based interface for reporting and processing information

- [https://apps.tpwd.state.tx.us/privatelands](https://apps.tpwd.state.tx.us/privatelands)
Texas is 97% privately owned. Private landowner participation is paramount to managing wildlife resource in Texas.

The **Private Lands** application includes a custom built web-based interface for reporting habitat management practices, outreach and consultation efforts, including wildlife management plan species dependent programs.
• Currently there are over 15,000 properties totaling nearly 30,000,000 acres statewide.

• In TWIMS there are over 7,000 registered wildlife management plans in the permitting programs.
<table>
<thead>
<tr>
<th>No.</th>
<th>LO Num</th>
<th>Cnty Code</th>
<th>Plan or Rec</th>
<th>New (Plan only)</th>
<th>Co-op</th>
<th>Active (Plan only)</th>
<th>Acreage</th>
<th>Date Written</th>
<th>Ranch Name Address</th>
<th>Landowner/Manager Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>003</td>
<td>110</td>
<td>P</td>
<td>P</td>
<td>A</td>
<td>48</td>
<td>04/96</td>
<td></td>
<td>Tucker Farm, Hunt Co. Rd. 1019</td>
<td>Dorman Tucker, Box 68, Wolfe City, TX 75496</td>
</tr>
<tr>
<td>11</td>
<td>006</td>
<td>250</td>
<td>P</td>
<td>P</td>
<td>A</td>
<td>8700</td>
<td>08/86</td>
<td></td>
<td>Mill Creek Farms, 285 PR 7996, Winnuboro, TX 75494</td>
<td>Scott Riddle, 285 PR 7969, Winnuboro, TX 75494</td>
</tr>
<tr>
<td>16</td>
<td>011</td>
<td>043</td>
<td>P</td>
<td>P</td>
<td>A</td>
<td>16</td>
<td>10/96</td>
<td></td>
<td>Holcomb Nature Conservancy, 6 miles S of McKinney</td>
<td>Betty Holcomb, 2181 FM N., Forney, TX 75126</td>
</tr>
<tr>
<td>17</td>
<td>012</td>
<td>112</td>
<td>P</td>
<td>P</td>
<td>A</td>
<td>1200</td>
<td>09/94</td>
<td></td>
<td>Deer Trail/Devries Ranch, Rt.1, Box 74, Sulphur Bluff</td>
<td>Vic Ponders 224 west oaks dr. Sulphur Springs, Tx 75482</td>
</tr>
<tr>
<td>18</td>
<td>013</td>
<td>116</td>
<td>P</td>
<td>P</td>
<td>A</td>
<td>1200</td>
<td>09/94</td>
<td></td>
<td>Big Rock Ranch, near Quinlan, Hunt Co. TX</td>
<td>Thomas E. Swift Ill, 5539 Yale Blvd., Suite 100, Dallas, TX</td>
</tr>
<tr>
<td>19</td>
<td>014</td>
<td>250</td>
<td>P</td>
<td>P</td>
<td>A</td>
<td>211</td>
<td>12/96</td>
<td></td>
<td>McKnight Tree Farm, Rt.7, Box 74111, Winnuboro,Tx</td>
<td>Bill Bunch, Rt.7, Box 74111, Winnuboro, TX 75494</td>
</tr>
<tr>
<td>19</td>
<td>015</td>
<td>112</td>
<td>P</td>
<td>P</td>
<td>A</td>
<td>122</td>
<td>09/96</td>
<td></td>
<td>Evans Ranch, 3 miles SSW of Cumby</td>
<td>Otis Evans, 3901 Blacksmith Dr., Garland, TX 75044-5905</td>
</tr>
<tr>
<td>21</td>
<td>016</td>
<td>250</td>
<td>P</td>
<td>P</td>
<td>A</td>
<td>65</td>
<td>12/96</td>
<td></td>
<td>Red Oak Ranch, 3 miles NE of Golden Community</td>
<td>Marvin Fuller, Rt.3, Box 326, Mineola, TX 75773</td>
</tr>
<tr>
<td>22</td>
<td>017</td>
<td>250</td>
<td>P</td>
<td>P</td>
<td>A</td>
<td>719</td>
<td>05/93</td>
<td></td>
<td>Matthews Ranch, P.O.Box 705, Mineola, TX 75773</td>
<td>James Huff (lessee) P.O.Box 705, Mineola, TX 75773</td>
</tr>
<tr>
<td>23</td>
<td>018</td>
<td>250</td>
<td>P</td>
<td>P</td>
<td>A</td>
<td>1700</td>
<td>11/94</td>
<td></td>
<td>Broken W Ranch, P.O.Box 326, Mineola, TX 75773</td>
<td>Scott Walker, P.O.Box 326, Mineola, TX 75773</td>
</tr>
<tr>
<td>23</td>
<td>019</td>
<td>250</td>
<td>P</td>
<td>P</td>
<td>A</td>
<td>48</td>
<td>11/94</td>
<td></td>
<td>Lasting Ranch, 3 miles south of Milby</td>
<td>James Luskett, 1535 W. Jl 20, Camp Birdie, TX 75432</td>
</tr>
</tbody>
</table>
### Monthly Outreach Report

#### Texas Parks and Wildlife

<table>
<thead>
<tr>
<th>Reporting Employee</th>
<th>Date</th>
<th>WMA</th>
<th>Employee Name</th>
<th>Other TPW Staff Participating</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Jan-08</td>
<td>3</td>
<td>Post Oak</td>
<td>Lange, S</td>
</tr>
<tr>
<td></td>
<td>Jan-08</td>
<td>3</td>
<td>Post Oak</td>
<td>Lange, S</td>
</tr>
</tbody>
</table>

#### Outreach Report

<table>
<thead>
<tr>
<th>Event Location</th>
<th>Description of Activity Performed</th>
<th>Interpretive Methods</th>
<th>Attendance Breakdown</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Nature Center</td>
<td>One hour presentation, teaching, and hands on field activity.</td>
<td>Male: 1 Female: 2</td>
<td>24</td>
</tr>
<tr>
<td>The Nature Center</td>
<td>Six hours of presentation, teaching, and hands on field activity.</td>
<td>Male: 1 Female: 2</td>
<td>14</td>
</tr>
</tbody>
</table>

#### Reporting Employee

<table>
<thead>
<tr>
<th>Date</th>
<th>WMA</th>
<th>Employee Name</th>
<th>Other TPW Staff Participating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan-08</td>
<td>3</td>
<td>Post Oak</td>
<td>Lange, S</td>
</tr>
<tr>
<td>Jan-08</td>
<td>3</td>
<td>Post Oak</td>
<td>Lange, S</td>
</tr>
</tbody>
</table>
**Texas Parks and Wildlife**

<table>
<thead>
<tr>
<th>Date</th>
<th>Reporting Site</th>
<th>Employee Name</th>
<th>Other TPW Staff</th>
<th>Participating</th>
<th>Event Type</th>
<th>Event Name</th>
<th>PW Initiate</th>
<th>Primary Targeted Use</th>
<th>Prog/Media</th>
<th>Contact Name</th>
<th>Contact Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/Jan-08</td>
<td>Smith County</td>
<td>Lange, S</td>
<td></td>
<td></td>
<td>Cub Scout</td>
<td>Belt Loop</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>Kevin Hanhim</td>
<td>9039881-2233</td>
</tr>
</tbody>
</table>

### Outreach Report

<table>
<thead>
<tr>
<th>Event Location</th>
<th>Description of Activity Performed</th>
<th>Interpretive</th>
<th>Attendance Breakdown</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Nature Center 1942, FM 640 Tyler, Co.</td>
<td>One hour presentation, teaching, and hands-on field activity</td>
<td>Interpretive</td>
<td>Male Female Phys Chal Minority Total</td>
</tr>
<tr>
<td>Smith County</td>
<td>124</td>
<td>24</td>
<td>14</td>
</tr>
<tr>
<td>The Nature Center 1942, FM 640 Tyler, Co.</td>
<td>Six hours of presentation, teaching, and hands-on field activity</td>
<td>Interpretive</td>
<td>Male Female Phys Chal Minority Total</td>
</tr>
<tr>
<td>Smith County</td>
<td>122,4</td>
<td>11</td>
<td>7</td>
</tr>
</tbody>
</table>
Program Evolution: Staff paperwork reduction.

You no longer need to compile:

• Monthly Consultation Log
• Monthly Outreach Report
• Quarterly TG Log
• Nor maintain a MLDP Log

You will now keep track of this information daily or as needed in TWIMS
Click New Consultation (1) to create a new consultation record.

1. Click New Consultation
2. New Site
3. Add a Person
4. Create New Customer
Private Lands Assistance and Managed Land Deer Permits

The Wildlife Division has instituted the Texas Wildlife Information Management Services (TWIMS) program with the goal of integrating all data collected by the Wildlife Division. The purpose of this program is to create secure, centralized client/server systems to input data into a single database for storing and analyzing data, generating reports, and printing permits.

This system provides important tools for TPWD biologists, managers, and constituents which will significantly increase the efficiency of managing information and data needed to make better decisions concerning the management of wildlife resources in Texas. For example, TWIMS will assist field biologists and landowners with data collection, standardization, validation, storage and backup, while eliminating redundant data collection and maintenance. TWIMS will also generate reports such as deer population and harvest trends for landowners and regions. Participants will have reports generated (e.g., average field-dressed weight of 5 1/2-year-old bucks, age structure of doe harvest) immediately upon completion of data entry. Participants will also be able to compare population parameters of deer and other species from individual properties with regional data as a way to evaluate the effectiveness of individual management actions.

Hint: TPWD username is usually your first initial and last name (i.e., jsmith).
TWIMS modules are listed in the menu bar across the top of the page.

Welcome, Stephen Lange

You have logged into a Texas Wildlife Information and Management Services (TWIMS) system as a TPWD employee. This system provides important tools to assist staff in reporting consultation and outreach records, issuing permits, and monitoring the effectiveness of Wildlife Management Plans (WMP). Permission to view records for a particular consultation, outreach, permit, or WMP will only be granted to the biologist that created the record, and that employee's immediate supervisor. A WMP author may also grant permissions to other staff if they feel it is necessary. It is very important to note that no one outside of TPWD has access to landowner records unless the cooperator(s) provided access to others.

The links across the top of this screen and their applications are defined as follows:

Site
This link will take staff to a screen identifying the tract(s) of land associated with their cooperators. Please check these records for accuracy.

Harvest Recommendations

This is the TWIMS home screen you will see upon a successful login.
Harvest Recommendations for the 2012 - 13 Season

Site Information
- Management Unit: 7C Ranch
- Primary (majority) County: Webb
- Total Acreage: 3000
- High Fenced Acreage: 3000

Harvest Recommendations
The recommended harvest is intended to help cooperators reach or maintain a deer population level that will not damage the habitat. Proper harvest is one way of improving native habitat.

- Recommended White-tailed Doe Harvest: 50
- Recommended White-tailed Buck Harvest: 80
- Recommended Mule Deer Doe Harvest: 0
- Recommended Mule Deer Buck Harvest: 0

Created: Sep 26, 2012 5:48:32 PM

permit issuance
All deer harvested under the authority of Managed Lands Deer Permits (MLDP) must be tagged with an appropriate MLDP Permit. Completion of the hunting license log and use of a hunting license tag are not required for deer harvested under the authority of this permit, therefore, county and statewide antlerless bag limits do not apply to individual hunters. However, a valid hunting license is required for each hunter.

These permit(s) are issued to achieve Wildlife Management Plan (WMP) goals. Completion of certain practices relating to conducting population surveys, collecting and recording harvest data as stipulated, and implementing habitat management practices as outlined in the Wildlife Management Plan are required for eligibility and participation in the MLDP program.

MLDP Level 3 Buck: 5
Issuance Type: Full
 Permit Recipient: Jim Tibbet

By signing below, I certify that I am the landowner of the above-described property or a specifically authorized agent for the landowner. I also certify that I agree with the recommended harvest and that I have a Wildlife Management Plan that includes habitat management recommendations for this property. I understand that all harvest data must be submitted no later than April 1.

To view the WMP for your property, follow the appropriate link from the login page. You can then do so through the site detail page.

Search Results: 105

WMP ID | Date Written | Site Name | Acreage | County
--- | --- | --- | --- | ---
1584 | 06/17/2009 | 4F Ranch | 8500 | Anderson
3865 | 03/05/2005 | 4G Farm | 188 | Anderson
3883 | 03/05/2005 | Askmen Property | 252 | Anderson
51 | 03/04/2004 | Arctic Cold Storage | 439 | Anderson
1356 | 08/05/2005 | Arnold Farm | 156 | Anderson
3099 | 01/08/2008 | BBP Part 3 | 34 | Anderson
1650 | 01/08/2008 | Battarbee Ranch | 0 | Anderson
6054 | 10/01/2008 | Board Farms | 674 | Anderson
3924 | 04/07/2007 | Beaver Creek Ranch | 265 | Anderson
1054 | 01/08/2008 | Bedre Ranch | 0 | Anderson

Save Data to Excel
Harvest Recommendations for the 2012 - 13 Season

**Sites Information**
- **Management Unit:** 70 Ranch
- **Fencer (nearby) County Web:**
- **Total Acreage:** 30692
- **High Forest Acreage:** 3000

**Harvest Recommendations**
The recommended harvest is intended to help cooperators react or maintain a deer population level that will not damage the habitat. Proper harvest is one way of improving native habitat.
- **Recommended White-tailed Doe Harvest:** 50
- **Recommended White-tailed Buck Harvest:** 80
- **Recommended Male Deer Doe Harvest:** 0
- **Recommended Male Deer Buck Harvest:** 0

**Permit Issuance**
All deer harvested under the authority of Managed Land Deer Permits (MLDP) must be tagged with an appropriate MLDP Permit. Completion of certain permits relating to conducting population surveys, collecting and recording the data as stipulated, and implementing habitat management practices as outlined in the Wildlife Management Plan are required for eligibility and participation in the MLDP program. Failure to meet eligibility and compliance requirements as outlined will jeopardize your continued participation in the MLDP program.

**MLDP Level 2 Duck**
- **Issuance Type:** Full
- **Permit Recipient:** Jim Twelvetree

By signature, I certify that I am the landowner of the above described property or a specifically authorized agent for the landowner. I also certify that I am the person who recommended harvest and that the land and Wildlife Management Plan that includes habitat management recommendations for the property. I understand that all harvest data must be submitted no later than April 1.

---

Please click on an Id link below to view Harvest Record details or to update a Harvest Record. Click on a B & C Gross Score to view Boone and Crockett details or to update a Boone and Crockett record.

<table>
<thead>
<tr>
<th>Id</th>
<th>Harvest Type</th>
<th>Date Of Kill</th>
<th>Species</th>
<th>Sex</th>
<th>Age</th>
<th>Live Weight (lbs.)</th>
<th>Field Dressed Weight (lbs.)</th>
<th>#Points at least 1&quot; Long, Left Antler</th>
<th>#Points at least 1&quot; Long, Right Antler</th>
<th>#Points at least 1&quot; Long, Total</th>
<th>Inside Spread (in.)</th>
<th>Basal Circ. Left (in.)</th>
<th>Basal Circ. Right (in.)</th>
<th>Beam Length (in.) Left Antler</th>
<th>Beam Length (in.) Right Antler</th>
</tr>
</thead>
<tbody>
<tr>
<td>165385</td>
<td>Other</td>
<td>10/29/2011</td>
<td>WTD</td>
<td>F</td>
<td>1.5</td>
<td>62</td>
<td>62</td>
<td>4</td>
<td>4</td>
<td>8</td>
<td>16 3/4</td>
<td>4</td>
<td>3 7/8</td>
<td>18 1/2</td>
<td>19</td>
</tr>
<tr>
<td>165490</td>
<td>Other</td>
<td>11/10/2011</td>
<td>WTD</td>
<td>M</td>
<td>4.5</td>
<td>135</td>
<td>135</td>
<td>4</td>
<td>4</td>
<td>8</td>
<td>16 3/4</td>
<td>4</td>
<td>3 7/8</td>
<td>18 1/2</td>
<td>19</td>
</tr>
</tbody>
</table>
# Dataset per:

- Ranch
- County
- District
- Region
- RMU (Resource Management Unit)

## Wildlife Management Plan

### Status

<table>
<thead>
<tr>
<th>Plan Active</th>
<th>Date Written</th>
<th>Updated</th>
<th>Biologist</th>
<th>Link</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>10/02/2009</td>
<td>08/31/2010 2:32:44 PM</td>
<td>drios</td>
<td><a href="#">Submit</a></td>
</tr>
</tbody>
</table>

## Habitat Management Practices

Enter the annual Habitat Mgmt practices conducted on your site by clicking the "New Habitat Mgmt Practices" button. You may edit a previous entry by clicking on the appropriate link in the table below.

Questions about habitat management or using the TWIMS system should be directed to your local biologist.

### New Habitat Mgmt Practices

<table>
<thead>
<tr>
<th>ID</th>
<th>Year/Season</th>
<th>Date Entered</th>
<th>Last Updated By</th>
<th>Download</th>
</tr>
</thead>
<tbody>
<tr>
<td>921</td>
<td>2011-12</td>
<td>01/16/2012</td>
<td>Stephen Lange</td>
<td>PDF Excel</td>
</tr>
<tr>
<td>521</td>
<td>2010-11</td>
<td>03/09/2011</td>
<td>Stephen Lange</td>
<td>PDF Excel</td>
</tr>
<tr>
<td>519</td>
<td>2009-10</td>
<td>03/09/2011</td>
<td>Stephen Lange</td>
<td>PDF Excel</td>
</tr>
<tr>
<td>522</td>
<td>2008-09</td>
<td>03/09/2011</td>
<td>Stephen Lange</td>
<td>PDF Excel</td>
</tr>
<tr>
<td>520</td>
<td>2007-08</td>
<td>03/09/2011</td>
<td>Stephen Lange</td>
<td>PDF Excel</td>
</tr>
<tr>
<td>518</td>
<td>2006-07</td>
<td>03/09/2011</td>
<td>Stephen Lange</td>
<td>PDF Excel</td>
</tr>
</tbody>
</table>
Activity
The Activity report provides quarterly summaries of Wildlife Management Plans, Recommendations, and Outreach activities by biologist.

Annual Log
The Annual Log provides a detailed list of individual consultation and outreach records by biologist.

Legislative Budget Board (LBB) Report
The LBB Report provides a summary and details of key measures by region and fiscal quarter.

MLDP/ADCP Report
The MLDP/ADCP Report provides a summary of Managed Lands Deer Permit and Antlerless Deer and Spike Control Permit issuance and use. Only harvest data indicated as "complete" on the harvest summary page are included in the report.

Compare Data Report
The Compare Data Report allows you to analyze harvest data from your site(s) and compare it to countywide, statewide, or ecoregion-wide harvest data.

Quarterly Summary
The Quarterly Summary provides summarized reporting of Wildlife Management Plans and Recommendations by region and fiscal quarter.

User Group (Outreach) Summary
The User Group (Outreach) Summary report provides summarized reporting of Outreach activities by region and fiscal quarter.

Permit Overview
The Permit Overview provides the number of permitted sites, number of permits/tags and number of acres by permit type and region.
### LBB Report - Fiscal Year 2012, Quarter 4

**Measure 1: Number of Active Management Agreements with Private Landowners**

<table>
<thead>
<tr>
<th>Region</th>
<th>Region II</th>
<th>Region III</th>
<th>Region IV</th>
<th>Total Plans</th>
</tr>
</thead>
<tbody>
<tr>
<td>Region I</td>
<td>502</td>
<td>2,574</td>
<td>1,856</td>
<td>2,783</td>
</tr>
</tbody>
</table>

**View Details  Print to PDF**

**Measure 2: Number of Acres under Active Wildlife Management Agreements with Private Landowners**

<table>
<thead>
<tr>
<th>Region</th>
<th>Region II</th>
<th>Region III</th>
<th>Region IV</th>
<th>Total Acres</th>
</tr>
</thead>
<tbody>
<tr>
<td>Region I</td>
<td>10,105,602</td>
<td>6,134,189</td>
<td>2,346,038</td>
<td>9,905,884</td>
</tr>
</tbody>
</table>

**View Details  Print to PDF**

**Measure 3: Number of Presentations and Consultations Regarding Wildlife Resource Enhancement**

<table>
<thead>
<tr>
<th>Region</th>
<th>Region I</th>
<th>Region II</th>
<th>Region III</th>
<th>Region IV</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Presentations</td>
<td>37</td>
<td>37</td>
<td>43</td>
<td>93</td>
<td>210</td>
</tr>
<tr>
<td>Consultations</td>
<td>55</td>
<td>401</td>
<td>235</td>
<td>689</td>
<td>1,380</td>
</tr>
<tr>
<td>Total</td>
<td>92</td>
<td>438</td>
<td>278</td>
<td>782</td>
<td>1,590</td>
</tr>
</tbody>
</table>

**View Details  Print to PDF**
Modules in Production:

• Regulatory Surveys
Regulatory surveys cover areas within an entire region/district. The surveys are conducted annually for White-tailed Deer, Mule Deer, Waterfowl, Dove, Quail, and Turkey.

The application will create a means to alter the post-survey data-download procedures so that downloaded data is sent directly to the TWIMS database on a central server.

Annual configuration of the data collection interface and database templates will also be centrally stored and made available via the intranet for field staff.

Lastly, a web-based interface will be created to allow TPWD staff to query the survey data, view data in tables and/or graphs, and export query results.
• Baseline Data

The application will include creation of a web-based interface to enter and edit the results of baseline inventories and monitoring surveys.

In order to standardize data entry, the application will require key fields and drop down lists will be used whenever possible.

Optional fields will also be included to help biologist conduct more detailed analyses when needed.

A web-based interface will be created to allow TPWD staff, universities, and the public to query the survey data, view data in tables and/or graphs, and export query results.
• Oversight Data

The Private Lands Based Surveys/Permits application will create a web-based interface to allow TPWD staff to enter and query pronghorn antelope, bighorn sheep, and alligator survey data.

The application will also automate report generation for select Wildlife staff in order to facilitate reporting to USFWS and other oversight agencies.

In addition, a public interface will be created to allow the public to access generalizations of the data such as density of animals by county.
Unexpected error, please try again

Sorry, an internal server error has occurred.

Contact Information: If you have any questions or concerns about the use of this application, you may contact the TPWD Help Desk.
Customer Service

- Access
- Passwords
- Permits
- Delivery
- QA/QC
- Training

twims@tpwd.state.tx.us
Texas Wildlife Information Management Services (TWIMS)

Texas Parks & Wildlife Department, Wildlife Division
2008 – 2014

Linda Campbell, Private & Public Lands Program Leader

Mitch Lockwood, Big Game Program Leader

Cristy Burch, TWIMS Program Specialist

Vacant, TWIMS Program Specialist

Mary Halenza, TWIMS IT Program Manager
512-389-8259, mary.halenza@tpwd.state.tx.us
Provides database, Geographic Information System (GIS) and remote sensing support to Wildlife Division (Regions 3 and 4) for the Texas Wildlife Information and Management System (TWIMS).

Responsible for field collection, compilation, editing, and QA/QC of tabular and spatial data for inclusion into TWIMS.

Responsible for implementing computer technologies, GIS, spatial databases, and web-based mapping and database technologies to provide intranet and internet access to historical and current data collected by department biologists.

Responsible for coordination with field data collectors and biologists to ensure data standardization, accuracy and integrity.

Assists with imagery analysis and ground-truthing techniques using Global Positioning System (GPS) technology.

Assists in various other database, data analysis, research design, and cartographic needs of Wildlife Regions 3 and 4.

Trains staff in latest data collection needs and use of GIS/GPS and computer technologies.

Posting #: 13-00135
Program Specialist V (GIS/TWIMS Specialist)
Closing Date: Monday 10/29/12
Tyler, Texas. Wildlife Region 3 Office, 11942 FM 848, Tyler, TX 75707

Hiring Contact: Corey Mason, (903) 566-1626 ext. 221