



GIS Technology for Ranchers

January 10-12, 2018 || Kingsville, Texas

Wednesday, January 10, 2018

8:00 AM Introduction to the course/participant introductions/logistics

The 30,000' View

8:30 AM Why does location matter? What is "GIS, GPS, and Remote Sensing"?

9:45 AM **BREAK**

10:00 AM How can this help me? What can this help me with?
•Ranch Presentations (3-30 minutes each)

12:00 PM **LUNCH**

1:00 PM Facilitated Panel Discussion
• Brainstorming/Discussion Session

The 15,000' View

1:30 PM What are my options for utilizing this technology? How do I get started?
• Needs Assessment
• GIS Software
-Options

3:00 PM **BREAK**

3:15 PM
• Start-up Estimates
• Data-What's out there/where do I get it?
-Geographic Data
-Imagery/Remotely Sensed Products

4:45 PM Wrap-up/Review



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Thursday, January 11, 2018

8:00 AM Recap/Preview

On the Ground

8:15 AM Building the [insert your ranch name here] GIS

- Collecting and Building: Part 1
 - Using Imagery
 - GPS

10:00 AM **BREAK**

10:15 AM

- Collecting and Building: Part 2
 - Utilizing tools: Soil survey
 - Making cell phones part of the process

12:00 PM **LUNCH**

Walking in the Same Direction

1:00 PM Communication

- Buy-in is critical
 - Get the GIS answering Questions
- Disseminate information from the beginning
 - Plotters
 - Applications to Help (ArcReader/Google Earth/Online Mapping)

3:00 PM Conclusion/Questions

3:30 PM 1-day training participants: Load data for training



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Friday, January 12, 2018

Introduction to ArcGIS Training

8:00 AM Overview/Introduction to ArcGIS software

Working with Feature Classes

10:00 AM **BREAK**

10:15 AM Navigation

Symbols and Labels
Making Maps

12:00 PM **LUNCH**

1:00 PM Databases and Queries

2:45 PM **BREAK**

3:00 PM Creating and Editing Data

4:45 PM Wrap-up