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   How can this help me? What can this help me with?
           •Ranch Presentations (2-20 minutes each)
                -East Foundation: Todd Snelgrove
                -King Ranch, Inc.: Verl Cash

10:30 AM   **BREAK**

10:45 AM   Q&A/Brainstorm/Discussion Session

The 15,000' View

11:00 AM   What are my options for utilizing this technology? How do I get started?
           • Needs Assessment
           • GIS Software
                -Options

12:00 PM   **LUNCH**

1:00 PM   What are my options for utilizing this technology? How do I get started? Cont.
           • Start-up Estimates
           • Data-What's out there/where do I get it?
                -Geographic Data
                -Imagery/Remotely Sensed Products

On the Ground

2:15 PM   Building the [insert your ranch name here] GIS
           • Collecting and Building: Part 1
                -Using Imagery
                -GPS

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...continued from Wednesday, January 10

3:30 PM   **BREAK**

3:45 PM   Building the [insert your ranch name here] GIS Cont.
                 • Collecting and Building: Part 2
                       -Utilizing Tools-Soil Survey
                       -Making cell phones part of the process

5:00 PM   **WRAP-UP**

Thursday, January 11, 2018
8:00 AM   Recap/Preview

Walking in the Same Direction
8:30 AM   Communication
                 • Buy-in is critical
                       -Get the GIS answering Questions
                 • Disseminate information from the beginning
                       -Plotters
                       -Applications to Help (ArcReader/Google Earth/Online Mapping)

10:00 AM   Questions

10:15 AM   **BREAK**

10:30 AM   Install data/Double-check software launch

Introduction to ArcGIS Training-Making Maps
11:30 AM   Overview/Introduction to ArcGIS software

12:00 PM   **LUNCH**

1:00 PM   Working with Feature Class
                 Navigation

3:00 PM   **BREAK**

3:15 PM   Symbols and Labels
                 Making Maps

4:30 PM   **WRAP-UP**

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Friday, January 12, 2018

Introduction to ArcGIS Training-Utilizing GIS

8:00 AM	Review Making Maps
8:45 AM	Databases
9:45 AM	**BREAK**
10:00 AM	Queries
11:00 AM	Creating and Editing Data
12:15 PM	**LUNCH**
1:15 PM	Incorporating Soils Data
2:45 PM	**BREAK**
3:00 PM	Independent Work/Q&A
4:00 PM	**WRAP-UP/CONCLUDE**