Week 3 Day 1

Read Chapter 14 Data Standards and Data Quality

Class Question of the day: Why is standardized data a critical component of G.I.S. in agriculture? Do we have a standardized model for agriculture data? How has this affected agriculture's use of data?

Vocabulary: competency models, spatial data standards, format standards, accuracy, precision

Lecture outline:

>Standards and why we need them,
>
>standards across disciplines,
>
>current standards.
>
>Data accuracy and precision,
>
>>differences and value of each.
>
>Positional accuracy, attribute accuracy.

Assignment 14.1, 14.2, 14.3, in the textbook. Complete and Submit to CANVAS Assignment

Discussion: Post to CANVAS Discussion Board, due Friday night at 5:00p.m. "Accurate data in agriculture is only required to the nearest meter squared and is easily achievable."

Defend or deny this statement with examples and facts.