Land Data For Indian Business and Homeownership on Reservations
Mystic Lake Center

Indian Land Tenure Foundation
Cris Stainbrook

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Our Mission

Land within the original boundaries of every reservation and other areas of high significance where tribes retain aboriginal interest are in Indian ownership and management.
Ancillary Digital and Remotely Sensed Data
Cultural Resources Data
Socio-economic Data
Utilities Data Sets
Biological Resources
Ecological Data Sets
Meteorological Data
Marine Data Sets
Land Use and Land Cover
Land Records Information
Mineral Resources
Forest and Vegetation
Water Resources
Soil Resources
Topographical Data Sets
Geological Data Sets

SAMPLE OF DATA LAYERS IN A GIS DATABASE
BASE DATA SETS

SPATIAL AND TEMPORAL DATA FILES
Key Pieces for a Tribal GIS

- Soils, topography and hydrology
- Ownership
- Existing infrastructure (roads, pipelines, electrical service, etc.)

- Important Ancillary Information
  - Leases
  - Rights-of-Way
  - Easements
  - Permanent Structures
  - Control
Control of an Allotment

- 90 percent of the ownership, if there are five or fewer owners
- 80 percent of the ownership, if there are between six and ten owners
- 60 percent of the ownership, if there are between eleven and nineteen owners
- A simple majority (more than 50 percent of the ownership), if there are twenty or more owners or agricultural lands
Other Considerations

- Land and other tribal staff—**Keep the data apolitical**

- Tribal Leaders and elected officials
  - Accept the data as apolitical
  - Make decisions on the best available data
  - Balance the political with the practical

- Tribes need to invest in the collection and maintenance of land data

- Consider alternatives beyond the traditional land use designs
Avg # of Interests per landowner

Age Group

# of interests