Land Data For Indian Business and Homeownership on Reservations

Mystic Lake Center

Indian Land Tenure Foundation
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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.
SAMPLE OF DATA LAYERS IN A GIS DATABASE

BASE DATA SETS

SPATIAL AND TEMPORAL DATA FILES

1. Ancillary Digital and Remotely Sensed Data
2. Cultural Resources Data
3. Socio-economic Data
4. Utilities Data Sets
5. Biological Resources
6. Ecological Data Sets
7. Meteorological Data
8. Marine Data Sets
9. Land Use and Land Cover
10. Land Records Information
11. Mineral Resources
12. Forest and Vegetation
13. Water Resources
14. Soil Resources
15. Topographical Data Sets
16. Geological Data Sets
PARCEL

ACREVALUE  n/a
ACRES      51.2
CPI        70
OWNER (10/30/17)  UNITED STATES OF AMERICA

Subscribe to view all parcels with this owner

OWNER ADDRESS  Upgrade to view

SLOPE  3.6%

2017 CROPS
- Non-Cropland 84.3%
- Soybeans 9.7%
- Other 6.0%

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PARCEL

ACREVALUE $11,540

ACRES 26.7

CPI 74

OWNER SCHMITZ, GERALD JEROME
(10/30/17)

Subscribe to view all parcels with this owner

OWNER ADDRESS Upgrade to view

SLOPE 5.0%

2017 CROPS

<table>
<thead>
<tr>
<th>Crop Type</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soybeans</td>
<td>46.5%</td>
</tr>
<tr>
<td>Non-Cropland</td>
<td>29.0%</td>
</tr>
<tr>
<td>Grass/Pasture</td>
<td>14.4%</td>
</tr>
<tr>
<td>Developed</td>
<td>5.8%</td>
</tr>
</tbody>
</table>

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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
Age Profile of Undivided Land Interest Owners

- Male
- Female
Avg # of Interests per landowner

Age Group | # of interests
---|---
0-9 | 7
10-19 | 18
20-29 | 15
30-39 | 14
40-49 | 13
50-59 | 12
60-69 | 11
70-79 | 10
80-89 | 9
90-99 | 8
100-109 | 6