“The Pentagon Looks with Interest at Land Administration in Afghanistan”

Douglas Batson
FIG WW 2008

Research Topics

• Relationship of land to conflict

• Role of cadastres in reconstructing post-conflict countries, i.e. Afghanistan.

• The Land Administration Domain Model (LADM)

• Recommendations to U.S. R&S
“No matter how messy or difficult the world’s land disputes...”
The United States Mission to the European Union

March 17, 2008 EU-US Technical Dialogue and Increased Cooperation in Crisis Management and Conflict Prevention

Kabul Population 2001 = 1.5M; 2006 = 5M
Rural Lands Administration Project (RLAP)

Source: LTERA

Land Titling and Economic Restructuring of Afghanistan (LTERA)

Source: EMG
Land data (GIS)

Legal or customary deeds

Screen prints of the land information system linked to the deeds database

Source: Emerging Markets Group
THE LAND ADMINISTRATION DOMAIN MODEL (LADM)

Land Admin. Domain Model Incorporates:

- Points, Geo-codes (dots on plots), Lines, Polygons with Fuzzy Boundaries
- Text, Including Lists of Names and Unique Numbers
- Sketch Maps and Photographs
- Parcels, Even Poorly Surveyed, Non-georeferenced
PROCEDE

Mexico Indigena Project

Non-georeferenced Sketch Map

Questions and Discussion
<table>
<thead>
<tr>
<th>Sharing Type</th>
<th>Right</th>
<th>Restriction/Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>No share in space</td>
<td>Individual property</td>
<td>Homeowners association covenants/restrictions apply</td>
</tr>
<tr>
<td>No share in time</td>
<td>ownership</td>
<td></td>
</tr>
<tr>
<td>No share in space</td>
<td>Time sharing</td>
<td>Pay annual maintenance fee</td>
</tr>
<tr>
<td>Share in time</td>
<td>Succession usufruct</td>
<td>Maintain property’s condition for subsequent use</td>
</tr>
<tr>
<td>Share in space</td>
<td>Co-owned property</td>
<td>Auto-limiting rights require a majority of mowers vote to change landscape contract</td>
</tr>
<tr>
<td>No share in time</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>