



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



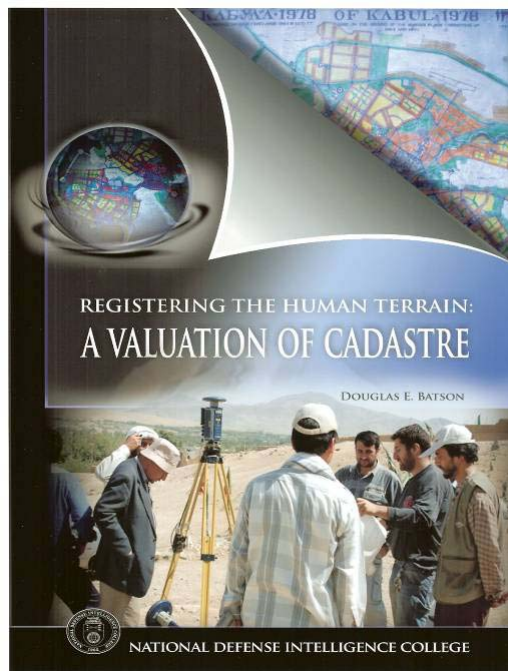
Photo: Author

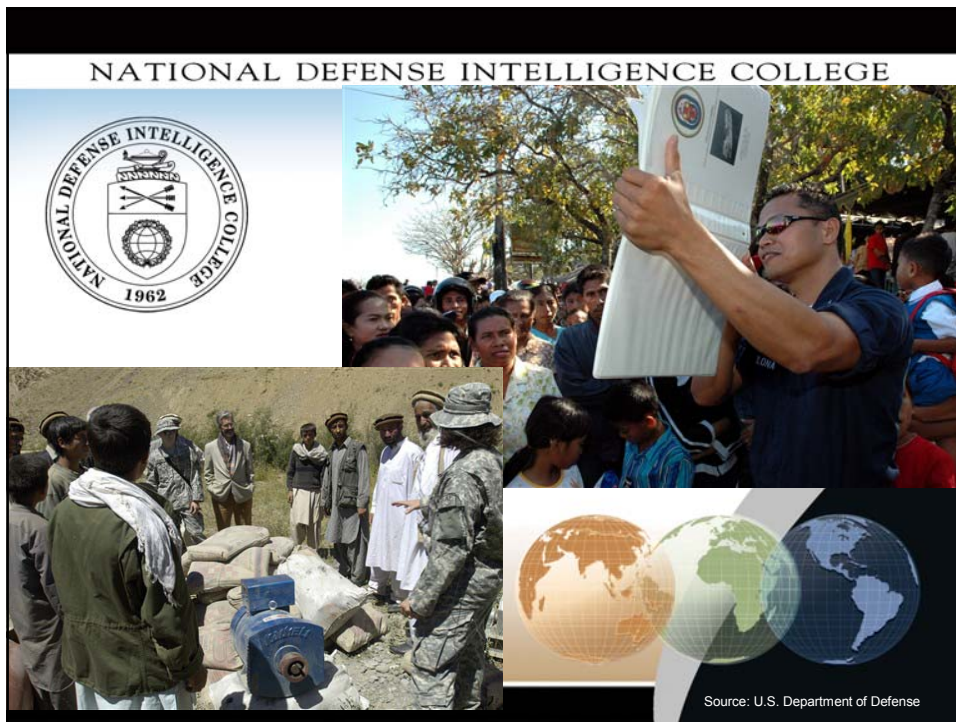
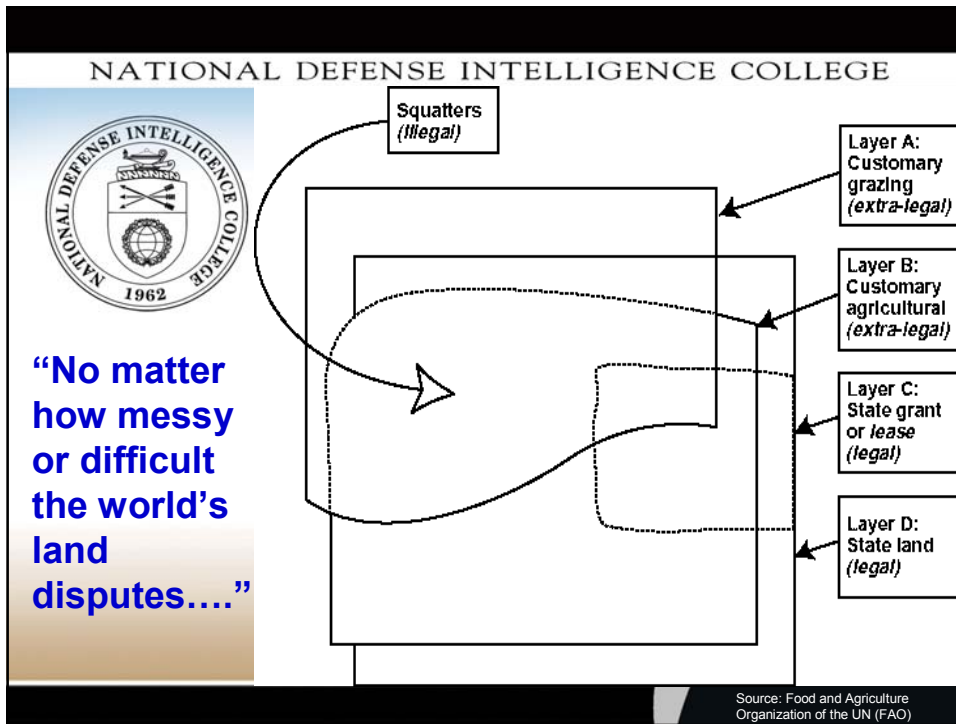
**Douglas Batson**  
**FIG WW 2008**



## **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





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**The United States Mission to the European Union**

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



Ambassador Herbst and Ambassador Ipavic formalize the U.S. EU Work Plan for civilian crisis management. (Photo: The Council of the European Union)



Source: Author

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**Kabul Population 2001 = 1.5M; 2006 = 5M**



Source: Author

Source: Emerging Markets Group

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## Rural Lands Administration Project (RLAP)



Source: LTERA

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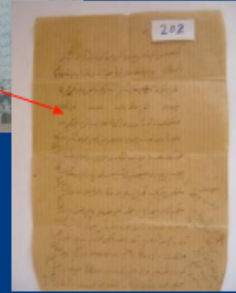
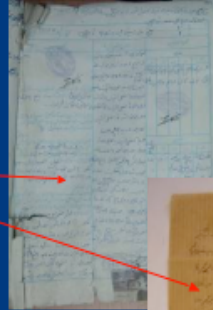
## Land Titling and Economic Restructuring of Afghanistan (LTERA)



Source: EMG

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Land data (GIS)

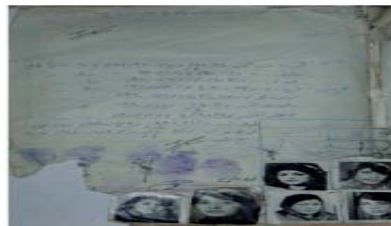


Legal or customary deeds

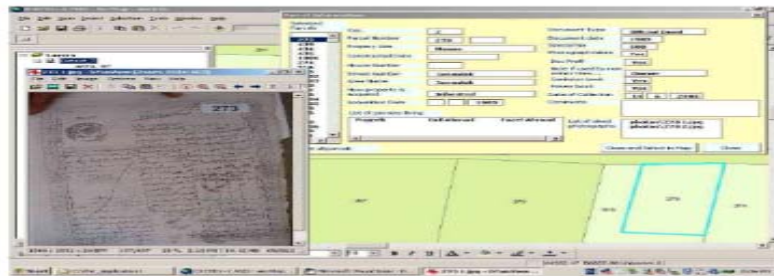
Source: Emerging Markets Group.

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Images of Title Deeds



Screen Prints of the Land Information System Linked to the Deeds Database



Source: Emerging Markets Group.



## THE LAND ADMINISTRATION DOMAIN MODEL (LADM)



Photo: Author

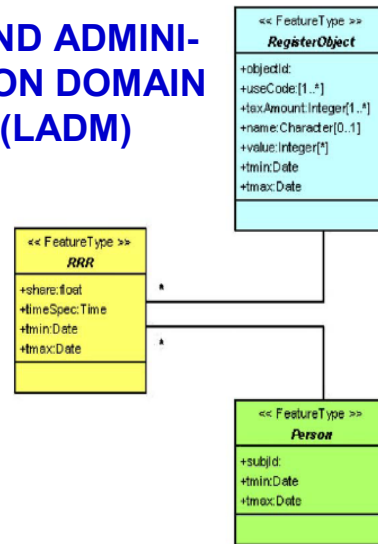


Fig. 1. Core of the CCDM: Person, RRR (Right, Restriction, Responsibility) and RegisterObject.

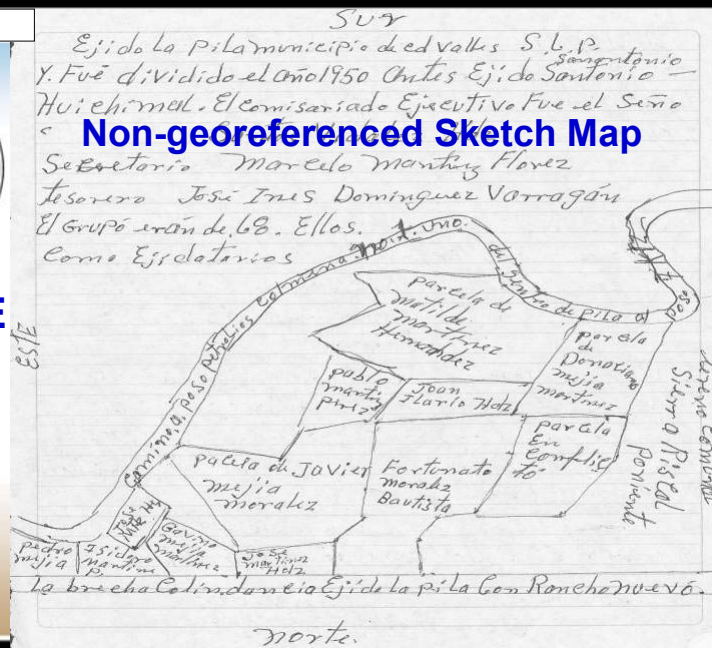
## Land Admin. Domain Model Incorporates:

- 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



Source: Mexico Indigena Project.

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## Questions and Discussion



Source: Author

Source: Author

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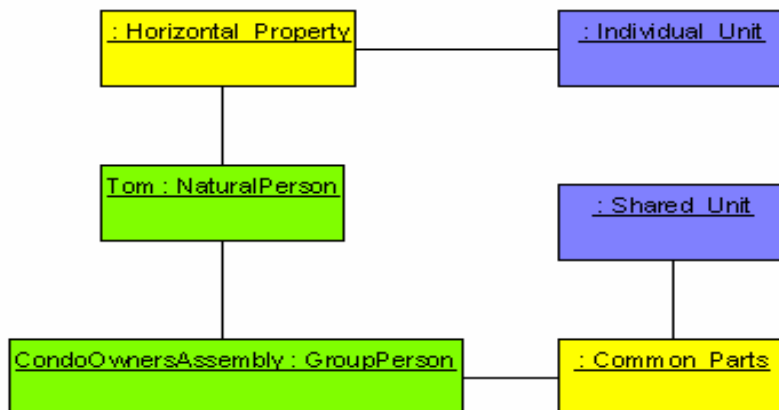
Backup Slides



Source: Author

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cd: HorizontalProperty\_ObjectDiagram



Source: FIG



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Sharing Type	Right	Restriction/Responsibility
No share in space No share in time	Individual property ownership	Homeowners association covenants/restrictions apply
No share in space	Time sharing	Pay annual maintenance fee
Share in time	Succession usufruct	Maintain property's condition for subsequent use
Share in space No share in time	Co-owned property	Auto-limiting rights require majority of mowers vote to change landscape contract

