Land and Vulnerability to Disaster

- **Land Use and Planning**: Settlements on hazardous or environmentally sensitive land.
- **Land Tenure**: “Renters and squatters”. Informal urban settlements. Lack of recognition of customary rights.
- **Land Administration**: Incomplete or inaccurate records; no backups. Lack of national/local coordination. Corruption.
- **Land Disputes**: History of displacement and conflict. Slow or dysfunctional Courts.
- **Land Law**: Widows and orphans’ rights. Access to land for resettlement.
Challenge to Land Administrators

Land Administration Solutions are only fully operational and work reasonably well in about 30 - 50 and mainly OECD countries and countries in transition in central Asia.

Only 25% of the 6 billion land parcels worldwide are formally registered and have robust security of tenure.

Not enough current (350,000) or planned Land Professionals to support current Land Administration System paradigm

The Perfect Storm of Change

Urbanisation
Global Navigation Satellite Systems
Web 2.0 Social Networking
Security of Tenure Chasm
Image Based Mapping
Crowdsourcing
Too Few Land Professionals
Mobile Phones
Spatially Enabled Society

Can crowdsourcing support a partnership between Land Professionals and Citizens?

Source: http://pixdaus.com
Empowering Citizens to Engage with Land Administration

**Potential Mobile Land Administration Services**

- Accessing Customer Information Services
- Recording Ownership Rights
- Obtaining Title
- Accessing Land Information
- Paying Mortgage Instalments
- Participating in Development Control / Planning

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- Greater security of tenure and more complete & resilient land records.
- Citizens understand land rights issues and can participate in restitution process.
- Know where to place homeless people.
- Land administration less vulnerable to disasters.

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Let’s try it and pilot it and make land administration by the people for the people a distinctly 21st Century phenomenon.