

# Integrated Land Management (ILM)

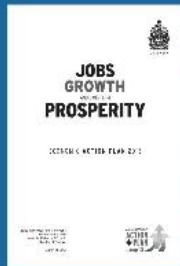
Enabling socio-economic development on First Nation Reserves

**Draft**

Andrew Beynon,  
Director General  
Community Opportunities Branch  
AANDC



Peter Sullivan,  
Director General and  
Surveyor General of Canada Lands  
NRCan



"Approximately \$7 billion over 10 years in First Nations infrastructure such as roads, bridges, energy systems and other First Nations infrastructure priorities"

**Land and Resource Development**



enhancing the value of Aboriginal assets through identification of economic opportunities, leveraging of partnerships, management of community assets, and modernized lands management

**Economic Development**

Integrated Land Management (ILM)

**Effective**

**Sustainable**

**First Nation led**



**Recommendations**  
 - Enhance land-use planning capacity on reserves  
 - Acknowledge the current ILM

**Wealth creation depends on:**  
 a combination of factors such as geographic location, a stable and transparent government framework, the health of managerial economy, transparent commerce and availability of skilled labour.



To allow for First Nations Land Management Regimes, to provide additional First Nations with the opportunity to enact their own laws for the development, conservation, use and possession of reserve lands.

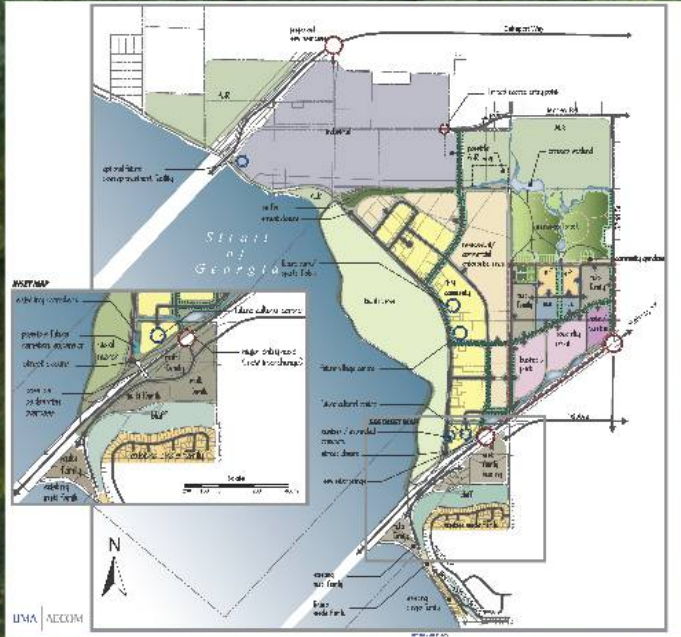


# Core components of ILM

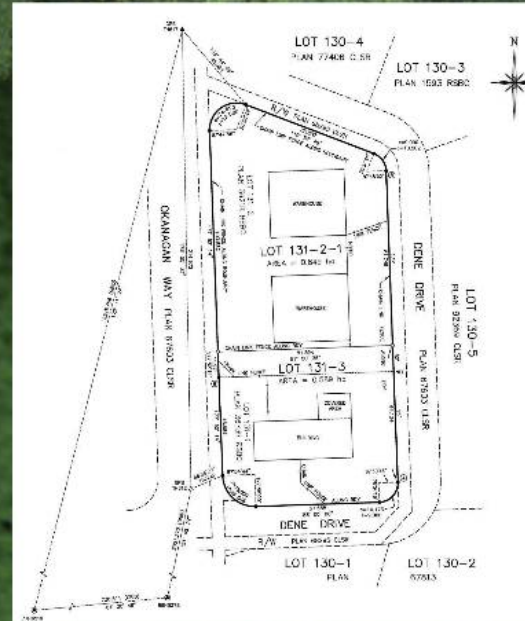
Land Use Planning

Land Surveying

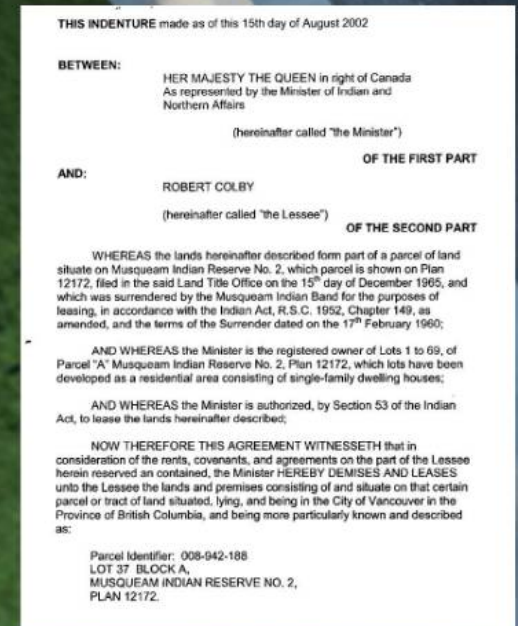
Land Registration



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Planning for parcels

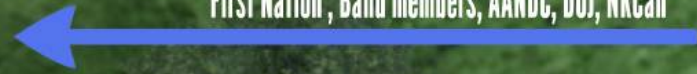


Creating parcels



Registering rights in parcels

First Nation, Band members, AANDC, DOJ, NRCan



Provinces, Lessees, Land owners, Utilities, etc...



Land Administration

# Expected Outcomes

- Effective regulatory process for land development
- Sustainable land use
- First Nations-led ILM-authority
- Improved risk management



Economic development



Community well-being

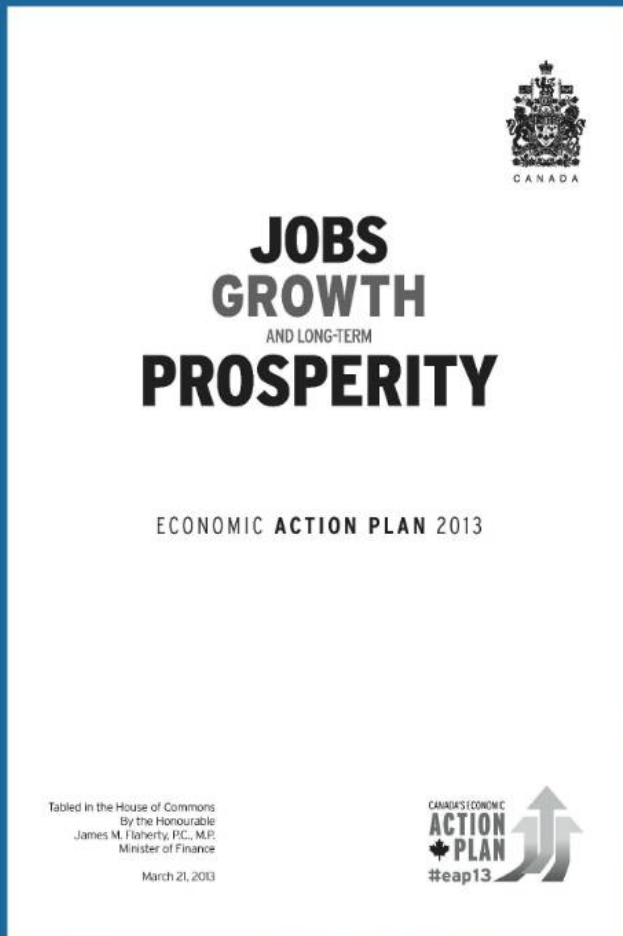
FEDERAL FRAMEWORK  
FOR ABORIGINAL  
ECONOMIC DEVELOPMENT

Government of Canada / Gouvernement du Canada

Canada

“enhancing the value of Aboriginal assets through identification of economic opportunities, leveraging of partnerships, management of community assets, and **modernized lands management**”

# Economic Development



“Approximately \$7 billion over 10 years in First Nations infrastructure such as roads, bridges, energy systems and other **First Nations infrastructure priorities**”

# Land and Resource Development

## Recommendations

- Enhance land use planning capacity on reserves
- Modernize the current ILRS

## Wealth creation depends on:

"a combination of factors such as geographic location, a stable and transparent governance framework, the health of the regional economy, transportation corridors and availability of infrastructure"

# Sustainable

\$9 million for:



## STUDY OF LAND MANAGEMENT AND SUSTAINABLE ECONOMIC DEVELOPMENT ON FIRST NATIONS RESERVE LANDS

Report of the Standing Committee on  
Aboriginal Affairs and Northern Development

Chris Warkentin  
Chair

MARCH 2014  
41st PARLIAMENT, SECOND SESSION

\$9 million for:

"First Nations Land Management Regime, to provide additional First Nations with the opportunity to enact their own laws for the development, conservation, use and possession of reserve lands."



# First Nation led



## JOBS GROWTH AND LONG-TERM PROSPERITY

ECONOMIC ACTION PLAN 2013

Tabled in the House of Commons  
By the Honourable  
James M. Flaherty, P.C., M.P.  
Minister of Finance

March 21, 2013







**Integrated Land Management (ILM)**



**Effective**



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Integrated Land Man

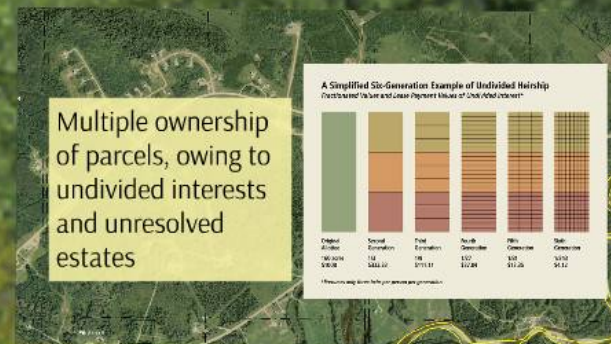
Effective

What was the problem? (It is a mess!)

Expected Outcomes

Land Use Planning

# What are the problems ILM is addressing?





# Shortage of capacity

## Preliminary research:

- *30% have land use planning*
- *65% surveyed*
- *% of registration is unknown*

98-100% in municipalities

Compared to

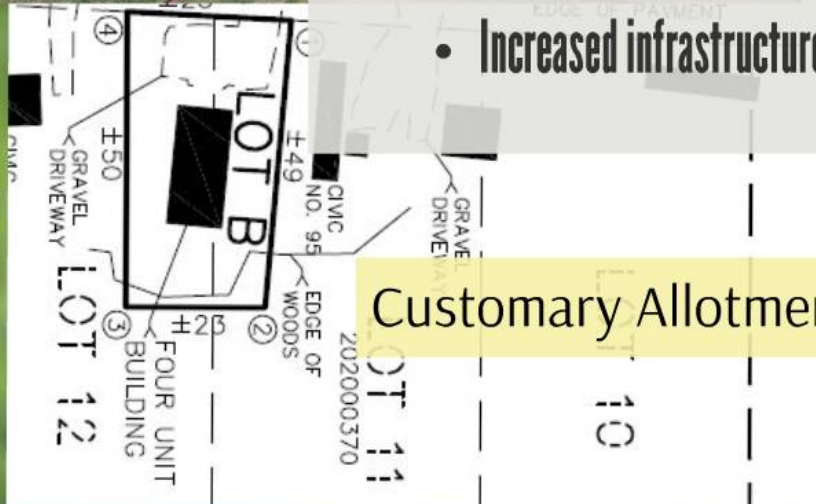
## Encroachments



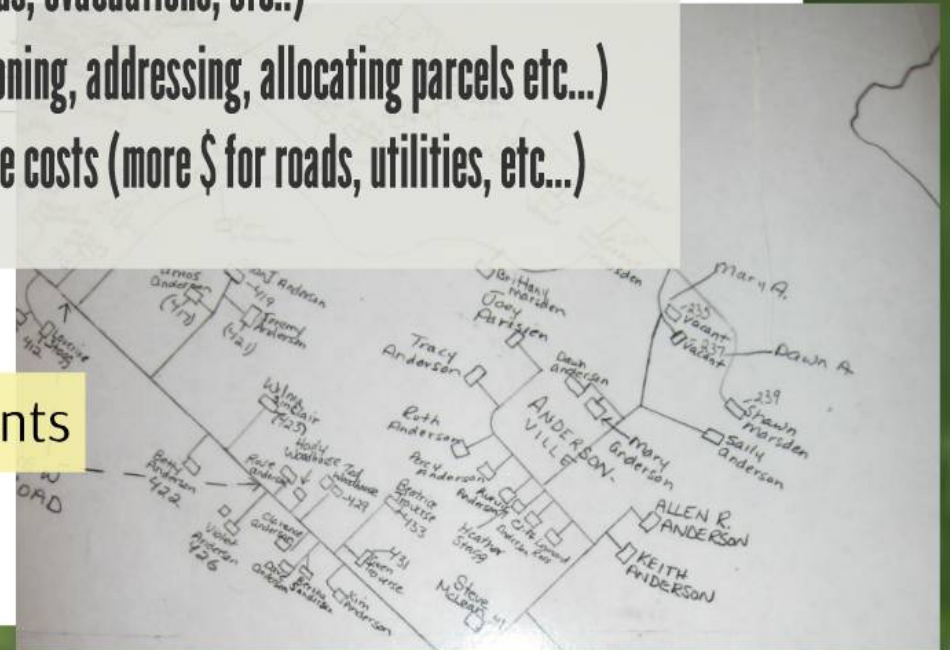
Legal Access



- Emergency services (set backs, turning radius, etc)
- Disaster planning (floods, evacuations, etc..)
- Community planning (zoning, addressing, allocating parcels etc...)
- Increased infrastructure costs (more \$ for roads, utilities, etc...)



Customary Allotments



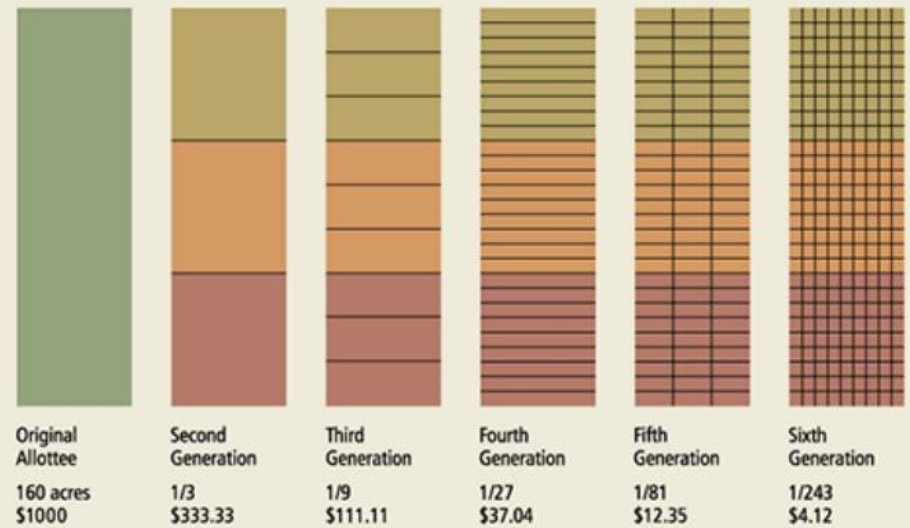
# Investment risk

## Negative impacts on investments from uncertainties:

- boundaries
- registration
- lack of land use controls (planning, bylaws, etc...)

Multiple ownership  
of parcels, owing to  
undivided interests  
and unresolved  
estates

**A Simplified Six-Generation Example of Undivided Heirship**  
*Fractionated Values and Lease Payment Values of Undivided Interest\**



\*Presumes only three heirs per person per generation.

# 5 proposed solutions:

## 1) Build First Nation capacity

**Capacity building areas**

- Planning
- Surveying
- Mapping and GIS

• Taxation  
• Other land administration tasks

Partner with existing institutions (e.g.):

## 2) Reform the registries

Preliminary ideas, pending ongoing research:

**ILR**

Priority of registration (Deeds system)

Qualified titles (i.e. New Zealand)

## 3) Build a common First Nation portal

Initial Planning

Registration

Approval

Environmental

Surveying (panels)

**common portal**

## 4) Improve Land Survey Infrastructure

As a condition of programs like FNLM

Parcels are renewed within a 2 year period (after a successful vote)

One time investment

Repairs deteriorated survey infrastructure

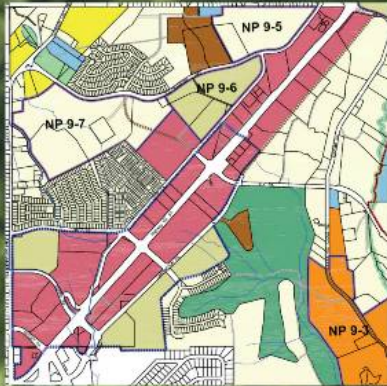
## 5) Leverage current technology

- Faster and more economical
- More (and better) spatial data

- Disaster planning
- Housing development
- Utilities Management
- Transportation design
- Land use planning
- Resource development



# 1) Build First Nation capacity



Planning

Capacity building areas



Surveying



Mapping and GIS

- Taxation
- Other land administration tasks

Partner with existing institutions (e.g.):



Tulo Centre



NALMA



FNTC

# 2) Reform the registries

Preliminary ideas, pending ongoing research:

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# 3) Build a common First Nation portal

**GENERAL INSTRUMENT - PART 1** (This area for Land Title Office use) PAGE 1 of 12 pages

**1. APPLICATION:** (Name, address, phone number and signature of applicant, applicant's solicitor or agent)

Carol Kerfoot, Solicitor,  
Kornfeld Mackoff Silber, Barristers and Solicitors,  
1100-505 Burrard Street, Box 11, Vancouver, B.C.,  
V7X 1M5 ph. 683-0500  
LTO Client No. 010448

*C. Kerfoot*

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**2. PARCEL IDENTIFIER AND LEGAL DESCRIPTION OF LAND:**  
(PID) (LEGAL DESCRIPTION)  
008-942-188 City of Vancouver  
Lot 37 Block A Musqueam Indian Reserve No. 2 Plan 12172

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**3. NATURE OF INTEREST:**

| DESCRIPTION | DOCUMENT REFERENCE<br>(Page and paragraph) | PERSON ENTITLED TO INTEREST |
|-------------|--|-----------------------------|
| Lease       | entire document                            | Transferee                  |



Initial Planning



Environmental



common portal



Registration

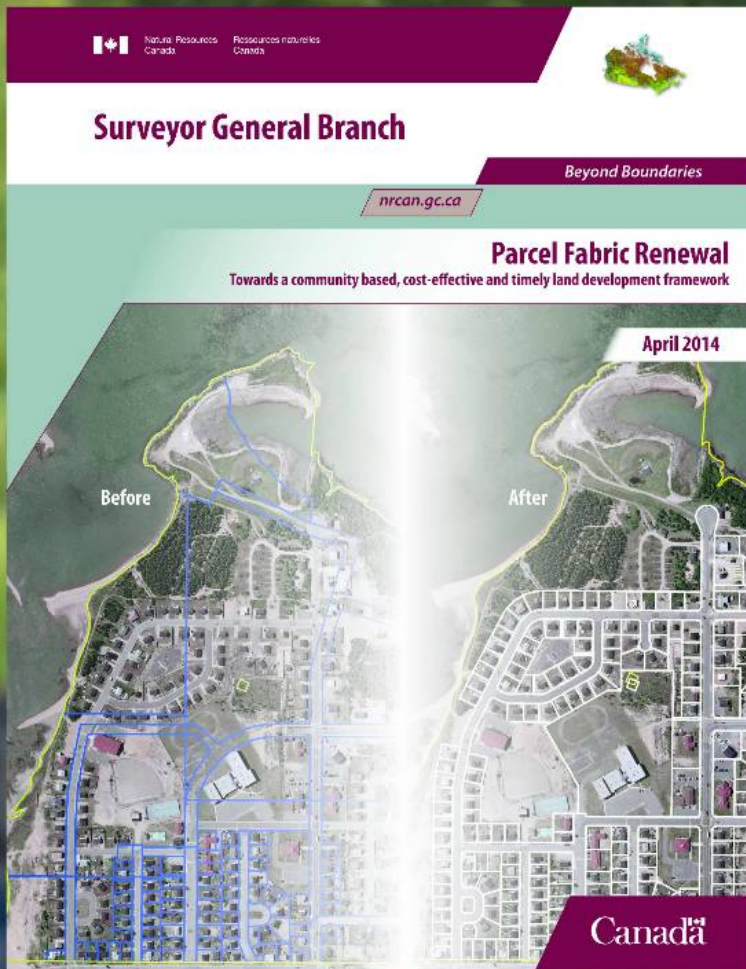


Approvals



Surveys (parcels)

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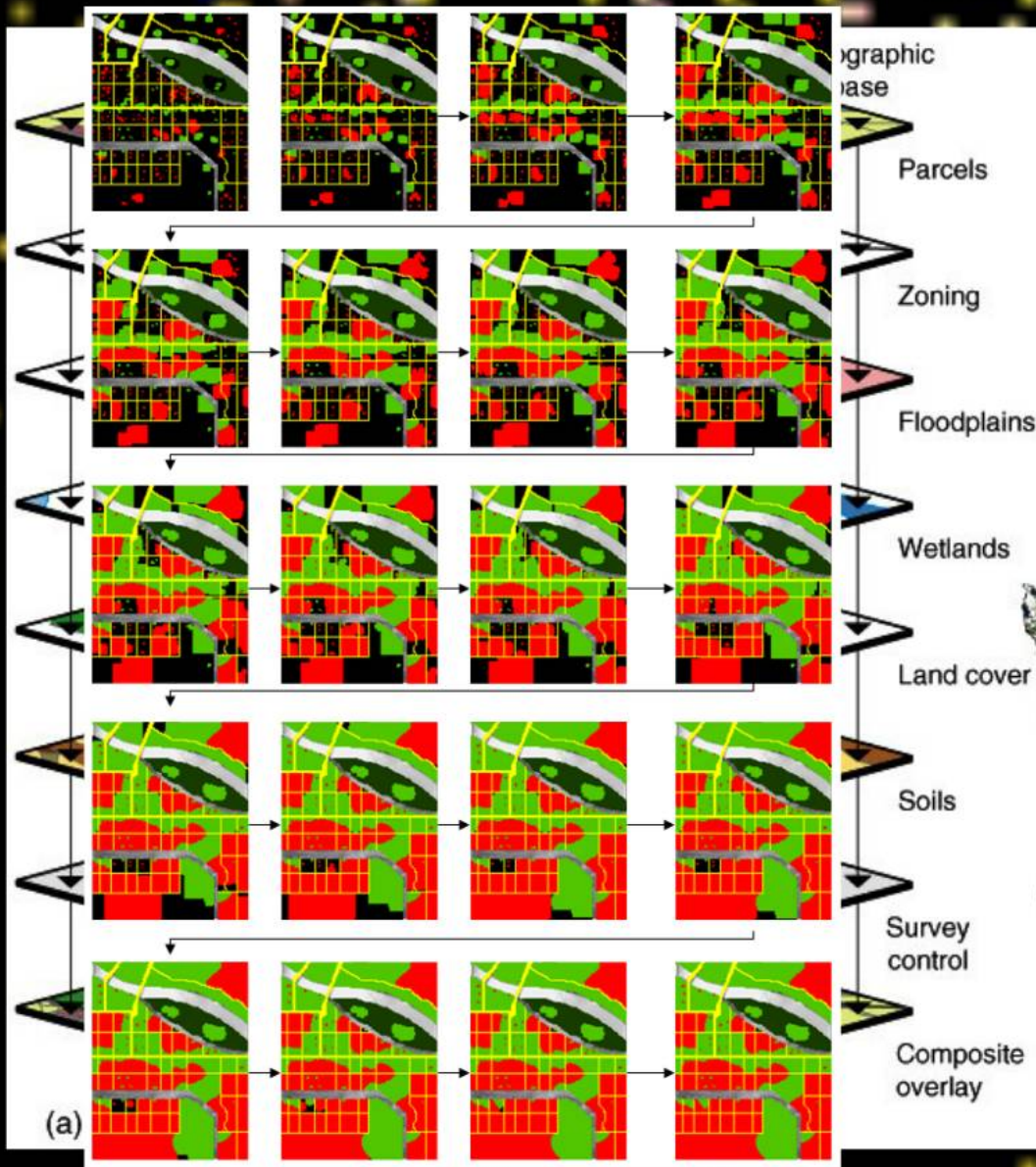
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- More (and better) spatial data



Gencimelation

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# Geosimulation

# Integrated Land Management (ILM)

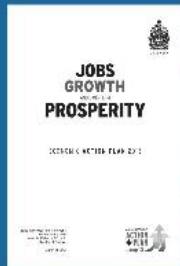
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