

The Digital Library of the Commons: From Theory to Practice

<http://dlc.dlib.indiana.edu>

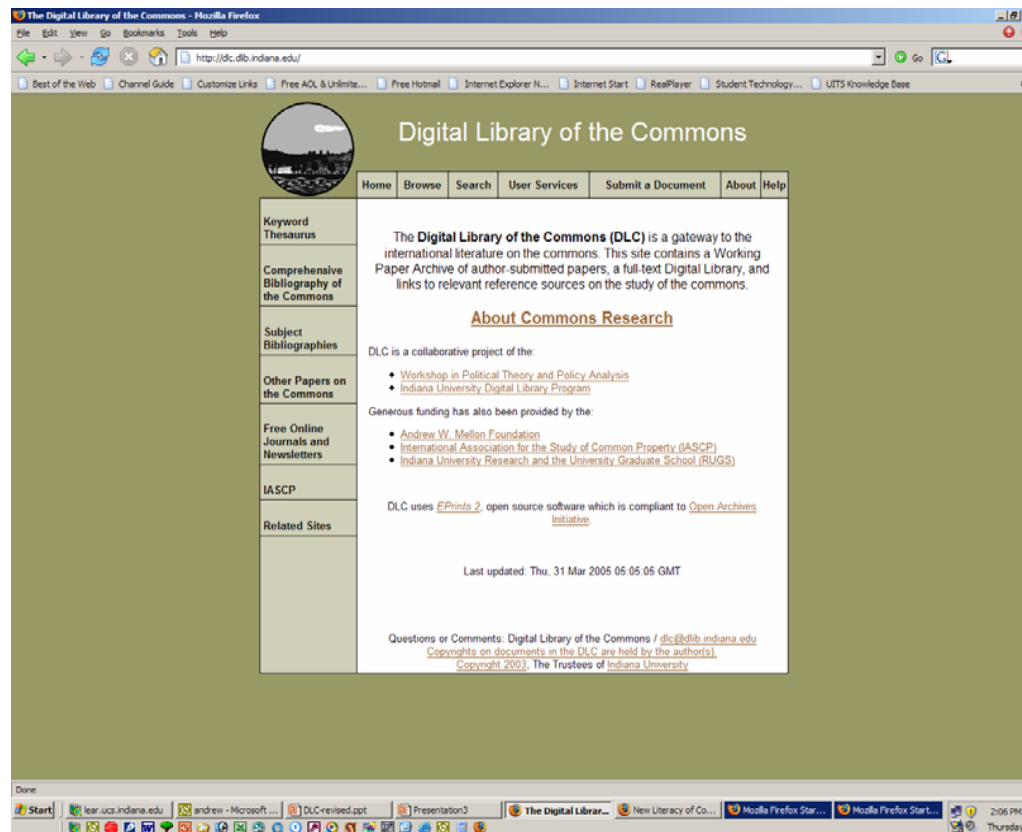


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**Workshop in Political Theory and Policy Analysis
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Digital Library Federation,
San Diego, CA, April 13-15, 2005**

Collaboration of Workshop in Political Theory & Policy Analysis IUDLP IASCP



Workshop in Political Theory and Policy Analysis



- Independent Research Center since 1975
- Interdisciplinary & International
- Graduate/Post doc -teaching, research, theory
- Center for the Study of the Commons

The Digital Library of the Commons (DLC),
is a non-institutional, international,
epistemic repository and **digital archive**.

The DLC <http://dlc.dlib.indiana.edu> uses Eprints2 and
is OAI compliant.

Browse <http://dlc.dlib.indiana.edu/view/subjects/>

Search <http://dlc.dlib.indiana.edu/perl/search>

*The Comprehensive Bibliography of the
Commons* <http://dlc.dlib.indiana.edu/cpr/index.php>

Keyword Thesaurus

<http://dlc.dlib.indiana.edu/thesaurus/thesaurus.html>

Commons Research History (abbreviated)

- 17th century + Histories of medieval common fields & New England town commons

Enclosure / Democratic Processes

- 1968 Tragedy of the Commons
- 1984 Common Property Network
- 1985 Conference on Common Property Resource Management. National Research Council. Washington, DC
- 1986 Elinor Ostrom - Workshop Library
- 1988 International Association for the Study of Common Property (IASCP)

Commons Research History

1989 First bibliography on "Common Pool Resources and Collective Action"

1990 First international IASCP conference

1997 IASCP website & Virtual Library of the Commons
<http://www.iascp.org>

1999 Comprehensive Bibliography of the Commons on CD

2000 Prototype for Digital Library of the Commons

2001 DLC - Eprints/Linux/OAI goes online

2004 Mellon Grant & Comprehensive Bibliography
(40,000 citations)

2005 *CPR Digest* first OA issue

<http://www.indiana.edu/~iascp/E-CPR/cpr72.pdf>

DLC Design Plan

- Open access
- Open source
- OAI
- Intuitive & easy to use
- Fast and simple
- Rich content
- Multiple languages
- Multi-media
- Easy to replicate

The DLC is itself a “commons” serving as a gateway to the scholarly literature on the commons, common property, and common-pool resources.

<http://dlc.dlib.indiana.edu/contentguidelines.html>

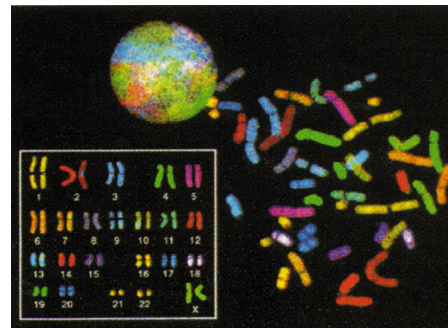
Traditional Commons



**“Commons” are resources jointly shared
by a group of people.**



**The groups can be small, or community-level;
regional/national, or very large, at the
international and global levels**



Sectors

<i>local</i> Fisheries Irrigation systems	<i>global</i> Atmosphere Radio spectrum
<i>natural</i> Wildlife Forests	<i>human made</i> Villages Playgrounds
<i>traditional</i> Pastoral systems Agricultural fields	<i>new</i> Internet Human genome

Disciplines:

- Biology and Ecology
- Economics
- Law
- Political Science
- Information Science
- Anthropology, Soc., Psych. etc.
- Ethnomusicology

Geographies:

- Southern Hemisphere
- Mongolia
- Miombo forests
- Atlantic fisheries
- Urban space
- Yoruba culture

Areas of Focus

Property rights
Decision making
Conflict resolution
Public policy
Gender
Equity
Efficiency
Sustainability
Multi-use
Resilience & Adaptation
Policy analysis
Indigenous knowledge
Best practices

Tools:

Remote sensing
Mapping
Modeling and Game theory
Case Studies &
instruments

Classic Commons Dilemmas

- Enclosure
- Free riding
- Scarcity
- Overuse
- Competition
- Degradation
- Pollution
- Depletion
- Collective Action
- Self-governance
- Participation
- Cooperation
- Adaptability
- Sustainability
- Preservation

Successes

- Used in many courses worldwide
- Introduced students to the topics (now dissertations)
- Furthers open science
- Gives visibility to ldc research

Collective Action
Self-governance
Participation
Adaptability
Cooperation
Sustainability
Preservation