Nya möjligheter för kompetensförsörjning

Alastair Creelman

Linnéuniversitetet

alastair.creelman@lnu.se

Dagens meny …

- Nätverk
- Arenor för lärande
- Öppen utbildning
- MOOCs
- Competency-based degrees
- Badges
- E-portfolio
- Den nya oljan
- Nytt ecosystem

Nyckelkompetenser
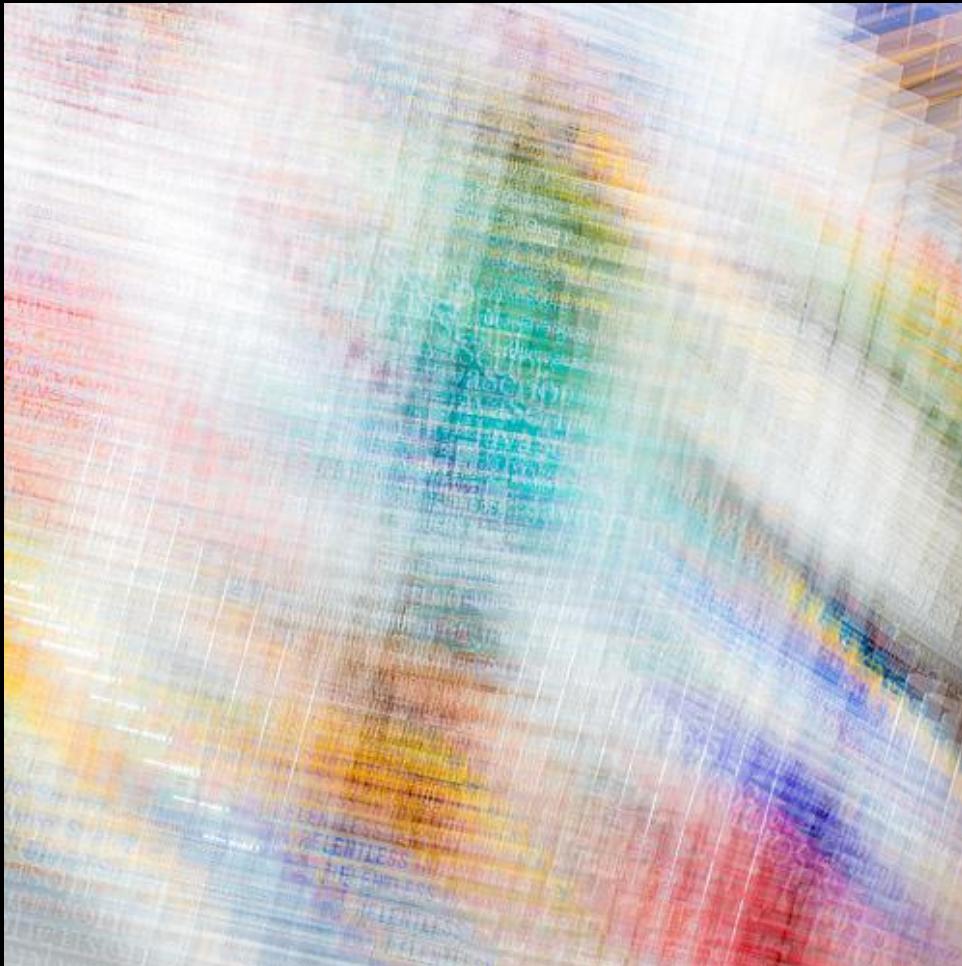
- Hitta information
- Filtrera, granska
- Nätverka
- Jobba i team
- Lösa problem
- Kreativitet

Från konsumtion till produktion

Nätverk för lärande
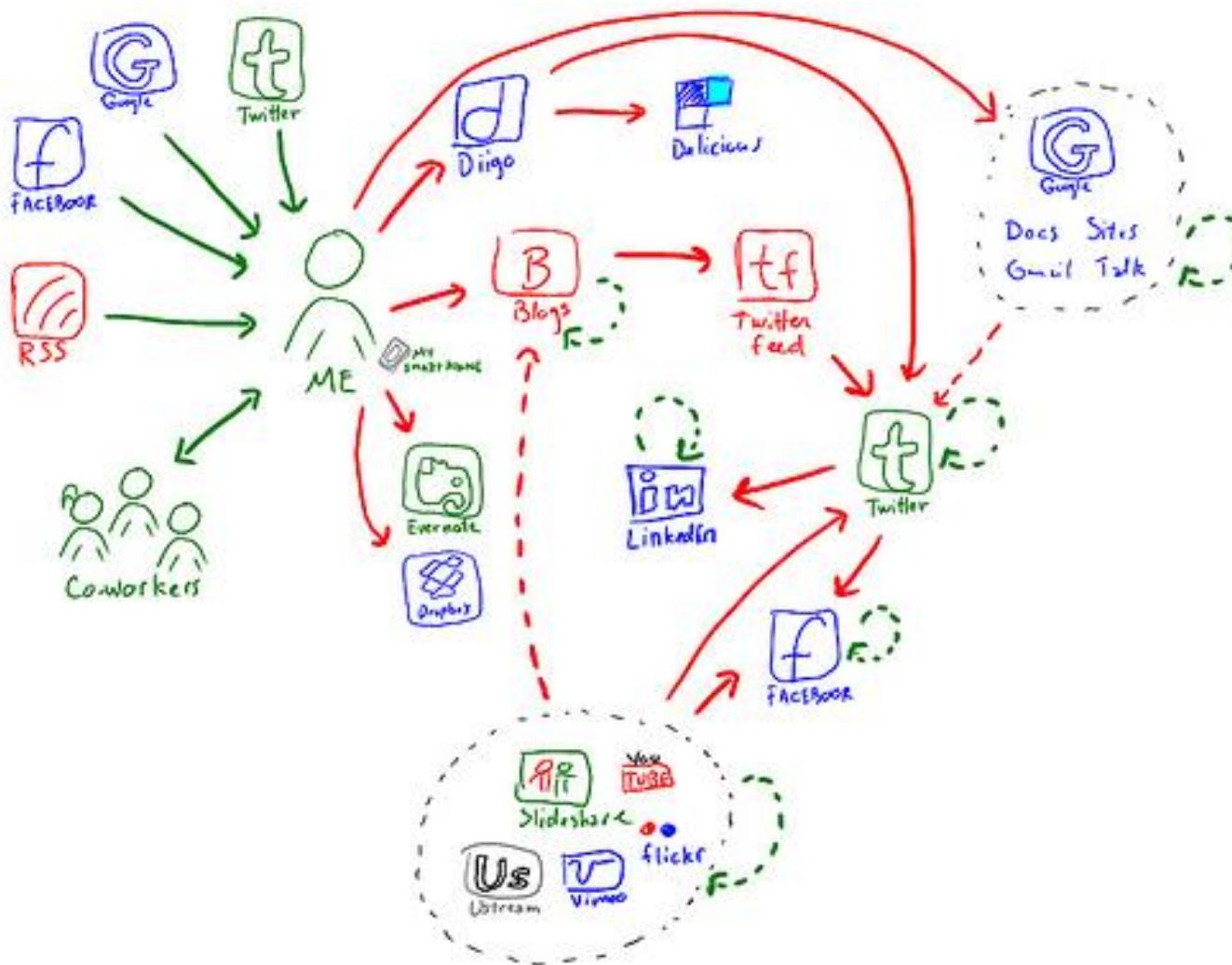
Arenor för lärande
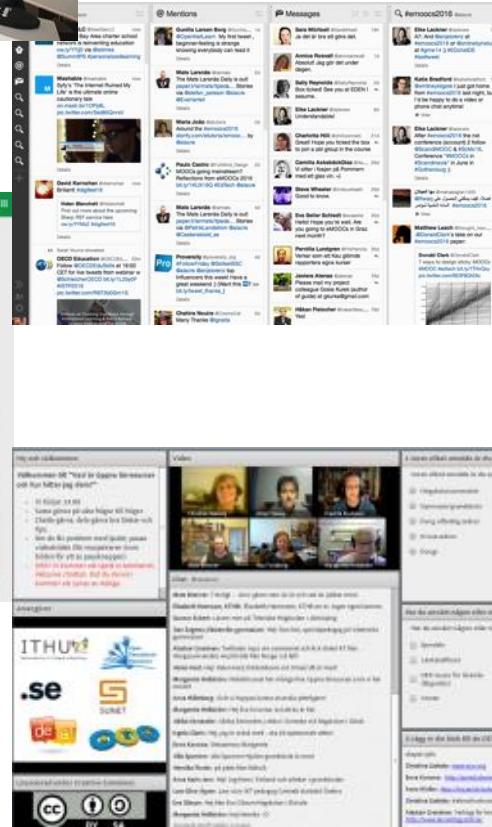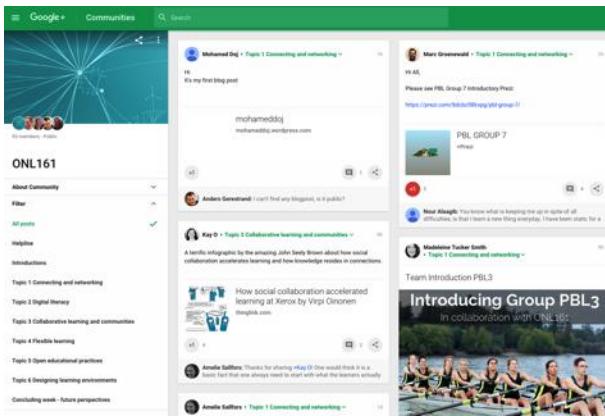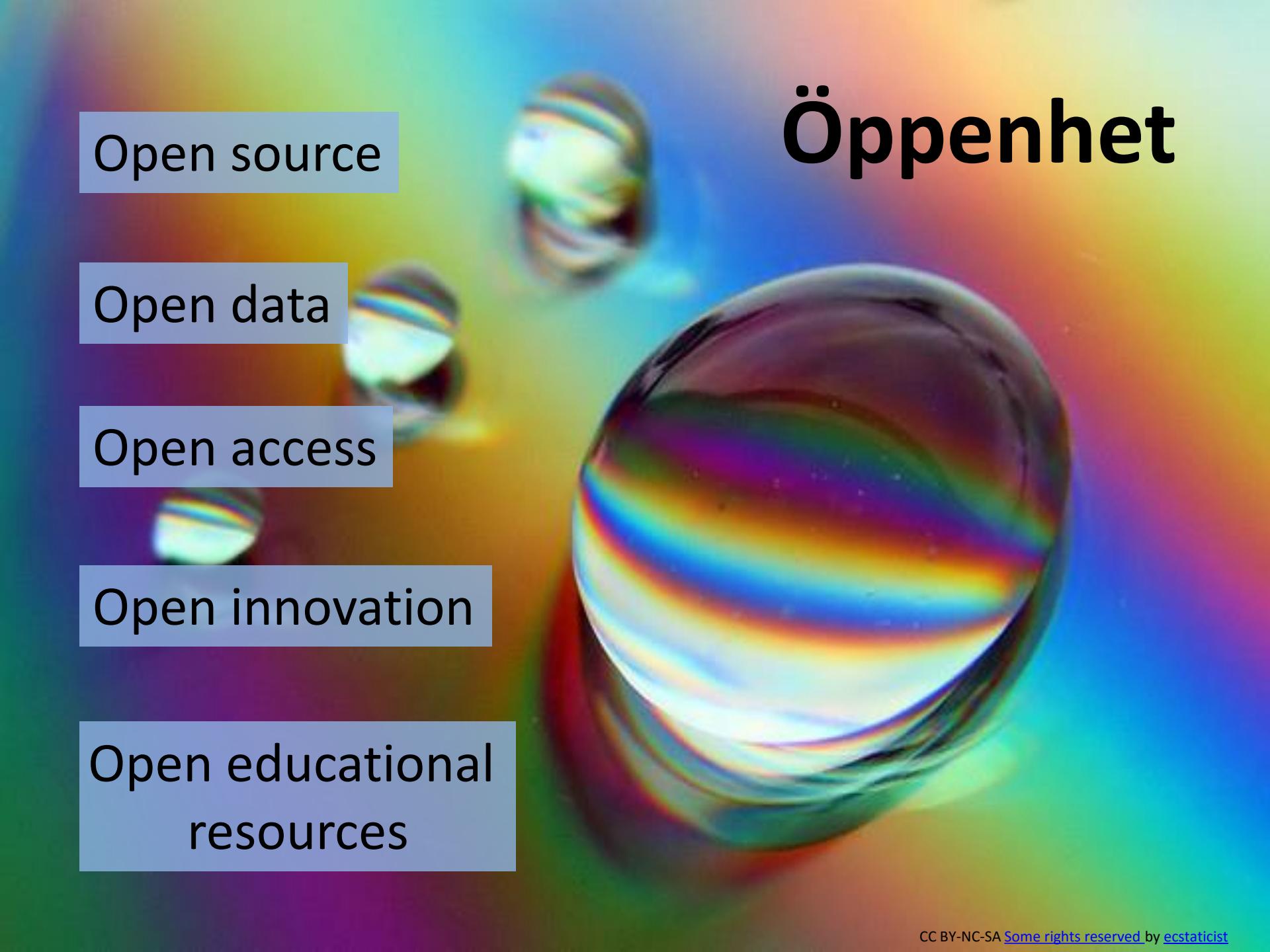
Öppenhet

Open source

Open data

Open access

Open innovation

Open educational resources

Öppen utbildning

- MIT OpenCourseWare

- iTunes U

- Khan Academy

- Peer2Peer university

MIT

MITOPENCOURSEWARE 15 YEARS
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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Search Results

MIT OpenCourseWare | Highlights for High School

GIS | GO | Advanced Search

Results **1 - 10** of about **15** for **GIS**. Sort by: Date / Relevance

Showing: **Courses only** / All formats / PDF only / HTML only

RES.STR-001 Geographic Information System (GIS) Tutorial
The MIT **GIS** Services Group at the MIT Libraries hosts a number of tutorial workshops throughout the year. This resource gathers together some of those introductory workshop materials designed to accustom **GIS** novices to the various available software packages and introduce them to some of the many features included in **GIS** systems. Topics include an introduction to two **GIS** applications, spatial data analysis, and spatial statistics.
ocw.mit.edu/resources/res-str-001-geographic-information-system-gis-tutorial-january-iap-2016/ - 42k - 2016-03-29

11.520 A Workshop on Geographic Information Systems | Urban Studies and Planning
This class uses lab exercises and a workshop setting to help students develop a solid understanding of the planning and public management uses of geographic information systems (**GIS**). The goals are to help students: acquire technical skills in the use of **GIS** software; acquire qualitative methods skills in data and document gathering, analyzing information, and presenting results; and investigate the potential and practicality of **GIS** technologies in a typical planning setting and evaluate possible applications. The workshop teaches **GIS** techniques and basic database management at a level that extends somewhat beyond the basic thematic mapping and data manipulation skills included in the MCP core classes (viz. 11.204 and 11.220). Instead of focusing on one thematic map of a single variable, students will concentrate on more open-ended planning questions that invite spatial analysis but will require judgment and exploration to select relevant data and mapping techniques; involve mixing and matching new, local data with extracts from official records (such as census data, parcel data and regional employment and population forecasts); utilize spatial analysis techniques such as buffering, address matching, overlays; use other modeling and visualization techniques beyond thematic mapping; and raise questions about the skills, strategy, and organizational support needed to sustain such analytic capability within a variety of local and regional planning settings. Students
ocw.mit.edu/courses/urban-studies-and-planning/11-520-a-workshop-on-geographic-information-systems-fall-2005/ - 51k - 2016-02-08

1.963 Environmental Engineering Applications of Geographic Information Systems | Civil and Environmental Engineering
This graduate seminar is taught in a lecture and lab exercise format. The subject matter is tailored to introduce Environmental Engineering students to the use and potential of Geographic Information Systems in their discipline. Lectures will cover the general concepts of **GIS** use and introduce the material in the exercises that demonstrate the practical application of **GIS**.
ocw.mit.edu/courses/civil-and-environmental-engineering/1-963-environmental-engineering-applications-of-geographic-information-systems-fall-2004/ - 44k - 2016-02-08

11.521 Spatial Database Management and Advanced Geographic Information Systems | Urban Studies and Planning
This semester long subject (11.521) is divided into two halves. The first half focuses on learning spatial database management techniques and methods and the second half focuses on using these skills to address a 'real world,' client-oriented planning problem. The first half of the semester may be taken separately using the class number 11.523 and the second half may be taken separately as 11.524. In order to help shape and utilize the information infrastructure that will support the management and development of our metropolitan areas, planners need a basic understanding of the tools and technology for querying, analyzing, and sharing complex databases and maps. Managing online access to large and constantly-changing spatial datasets can be a powerful aid to planning and can facilitate inter-agency cooperation and collaboration in an increasingly decentralized world. But it requires the use of knowledge representation methods, client-server technologies and access control issues that are quite different from what are needed to model and visualize standalone datasets on a personal computer. Hence, planners should

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SEE ALSO:
» Courses with **audio or video lectures**
» Information about **MIT's curriculum**

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Showing results for "GIS"

Courses
See All >

Geographic Information…	GIS Respect Enquiry	GIS Large Scale Enquiry	GIS Year 10 Options 2016	La bataille de Normandie	Advanced Placement…	No longer active	Health Occupations I	American History II	US History 1877
Liberty University	Garden Internatio…	Garden Internatio…	Garden Internatio…	CRDP de l'acadè…	Zeeland Public S…	La Salle University	Charlevoix Public …	Montgomery Area…	TASA - Texa

iTunes U Materials
See All >

	NAME	PROVIDER	COURSE	TIME	POPULARITY	PRICE
1	ArcGIS Spatial Analyst for Desktop	Liberty University	Geographic Information Systems (GIS)	7:01		Get ⌄
2	Spatial Data and Geoprocessing	Liberty University	Geographic Information Systems (GIS)	16:53		Get ⌄
3	Introduction to Map and ArcGIS	Liberty University	Geographic Information Systems (GIS)	12:55		Get ⌄
4	GIS Outputs and File Geodatabases	Liberty University	Geographic Information Systems (GIS)	16:10		Get ⌄
5	Digitizing and Geocoding	Liberty University	Geographic Information Systems (GIS)	8:52		Get ⌄
6	Map Design	Liberty University	Geographic Information Systems (GIS)	11:01		Get ⌄
7	ArcGIS 3D Analyst for Desktop	Liberty University	Geographic Information Systems (GIS)	6:09		Get ⌄
8	Topographic Maps	Liberty University	Geographic Information Systems (GIS)	15:38		Get ⌄
9	Spatial Analysis	Liberty University	Geographic Information Systems (GIS)	6:36		Get ⌄
10	Year 10 Options iBook	Garden International School	GIS Year 10 Options 2016			iOS Only ⌄

Collections
See All >

Geographic Information System…	GIS Training - Course Content	GIS Day 2009	GIS -Tech-Ease: Classroom Tech Help	Geographic Information System…	PRT 505: GIS in Parks, Recreation,…	GIS at Indiana University	CALA GIS National Parks Service Lectures	Wh Ma
GIS - GEO 465/565 an…	Western Carolina Univ…	OSU	University of South Flo…	GIS - GEO 465/565 an…	Yu-Fai Leung	GIS at Indiana University	College of Architectur…	ML

[Geoskolan](#)

MOOC
(Massive Open Online Courses)

MOOC – en global rörelse

- [Coursera](#) – USA, 131 universitet
- [edX](#) – USA, 72 universitet
- [FutureLearn](#) – UK, 57 universitet
- [iVersity](#) – Tyskland, 30 universitet
- [Open2Study](#) – Australien, 17 universitet
- [FUN](#) – Frankrike, 60 universitet
- [Miríada](#) – Spanien/Latinamerka, 56 universitet
- [Edraak](#) – Arabisk plattform
- … och många fler, se www.mooc.ca

Class Central

<u>Coursera</u>

Udemy

udemy

GIS 🔍

Search results for "GIS"

Price
- ☐ Paid (15)
- ☐ Free (4)

Video Length
- ☐ < 10 hours (16)
- ☐ > 10 hours (3)

Level
- ☐ All Levels (11)
- ☐ Beginner (6)
- ☐ Intermediate (2)

Language
- ✅ English (19)

Features
- ☐ Quizzes (6)

Sort by: Most Relevant ▾

Start Web Development with GIS Map in JavaScript
Alfred Lam , GIS Developer, gis-app.com
16 € 20 € · ★★★★☆ (6 reviews) · 9 lectures, 38 mins video · All Levels

Learn GIS with ArcGIS Explorer Desktop
Dr. Alemayehu Midekisa (PhD) , Geospatial Engineer, Entrepreneur
24 € 30 € · ★★★★☆ (7 reviews) · 7 lectures, 1 hour video · Beginner Level

Deploy GIS Map to iOS Apps in Swift and Xcode 7
Alfred Lam , GIS Developer, gis-app.com
16 € 20 € · ★★★★☆ (7 reviews) · 9 lectures, 42 mins video · All Levels

Using Open Source Tools to Create an Enterprise GIS
Dr. Arthur Lembo , Professor
40 € 50 € · ★★★★★ (33 reviews) · 19 lectures, 3.5 hours video · All Levels

Sharpen Your GIS Skills
Esri Experts , esri.com
Free · ★★★★☆ (125 reviews) · 17 lectures, 2.5 hours video · Intermediate Level

Deploy GIS Map to iOS Apps in Objective C and Xcode 7
Alfred Lam , GIS Developer, gis-app.com
16 € 20 € · ★★★★☆ (4 reviews) · 9 lectures, 42 mins video · All Levels

Start 3D GIS Web Development in JavaScript
Alfred Lam , GIS Developer, gis-app.com
Free · ★★★★☆ (16 reviews) · 9 lectures, 43 mins video · Beginner Level

Get Started with GIS and Create Web Maps
Ardit Sulce , Python and GIS Expert, Founder of PythonHow.com
16 € 20 € · ★★★★★ (39 reviews) · 39 lectures, 2.5 hours video · Beginner Level

MOOC-certifikat

- Betaltjänst
- MOOCs för högskolepoäng
  [Moocs: international credit transfer system edges closer](#) (Times Higher Ed)

- Nya sorters examensbevis
  - [Nanodegrees](#)
  - [EdX Xseries](#)
  - [Coursera Specializations](#)

Competency-based degrees
Arbetsintegrerade utbildningar

Vi lär oss mest utanför klassrummet
... men kan inte bevisa det

Open Badges
- visa vad du kan

- Badges inom spel
- Digitala certifikat
- Belöning för "mjuka kompetenser"
- Lärande i arbete
- Växande intresse i världen

E-portfölj

- Kompetensryggsäck

- Visa vad du kan

- T ex [Mahara](#)

Den nya oljan...

Learning analytics

- Studentdata analyseras
- Identifiera behov
- Bedömning
- Individanpassat lärande
- Kursdesign
- Läs mer (Skolverket)

Nytt ekosystem för utbildning

Universitet/skola　　　　　**Andra aktörer**

Avgift	Validering, examination
Avgift/gratis	Handledning, återkoppling, community
Gratis/avgift	Kurser, MOOCs, självstudier
Gratis	Lärresurser (grader av öppenhet)

Avancerade söktjänster

Kvalitets-kriterier
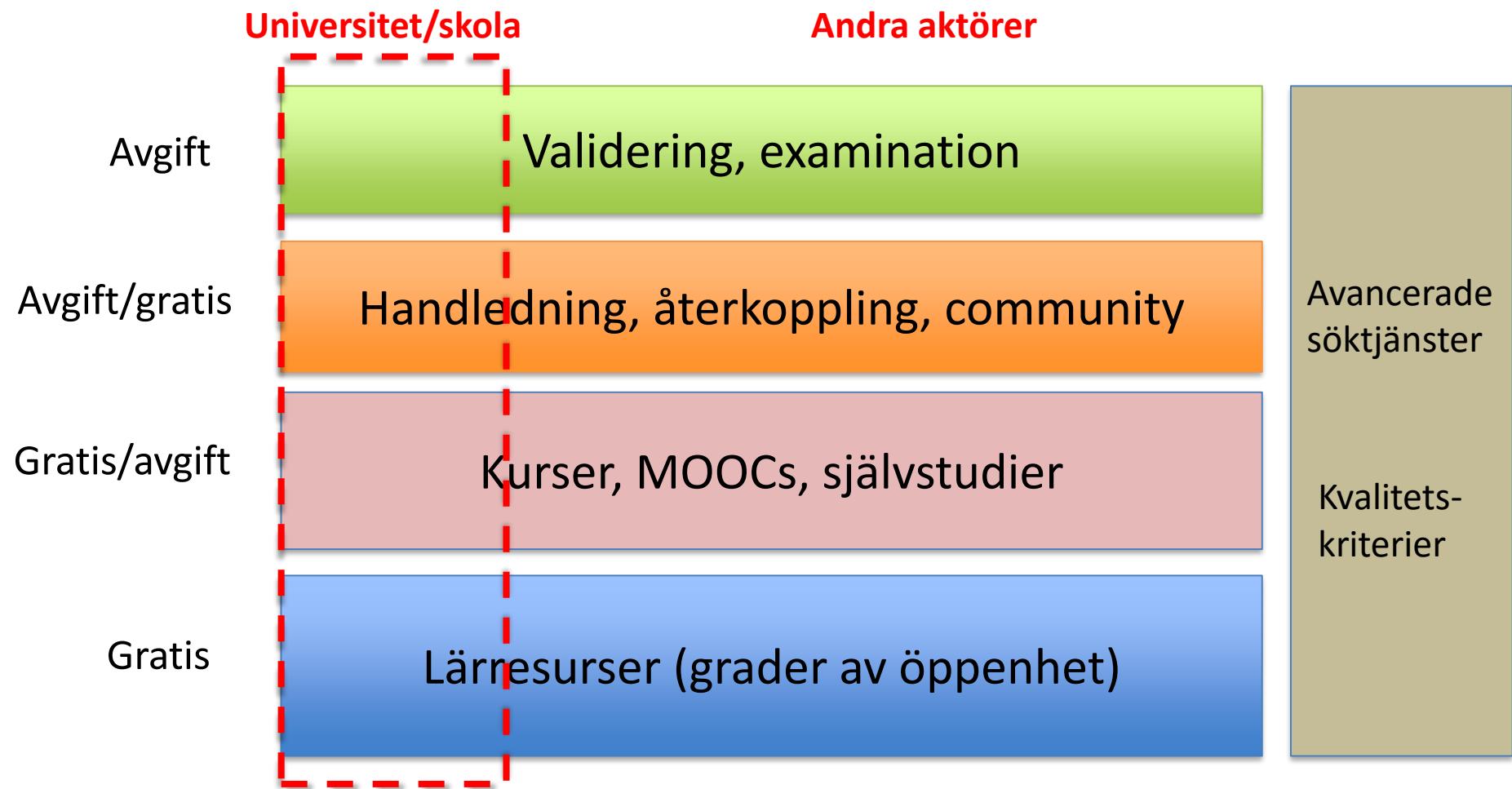
Mina digitala fotspår ...

Bloggar
- **Flexspan** (svenska)
- **Corridor of Uncertainty** (engelska)

Twitter (länkar och tips)
http://twitter.com/alacre

Mina bokmärken
http://www.diigo.com/user/alacre

Nyhetsbrev