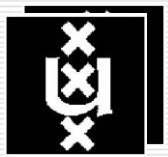
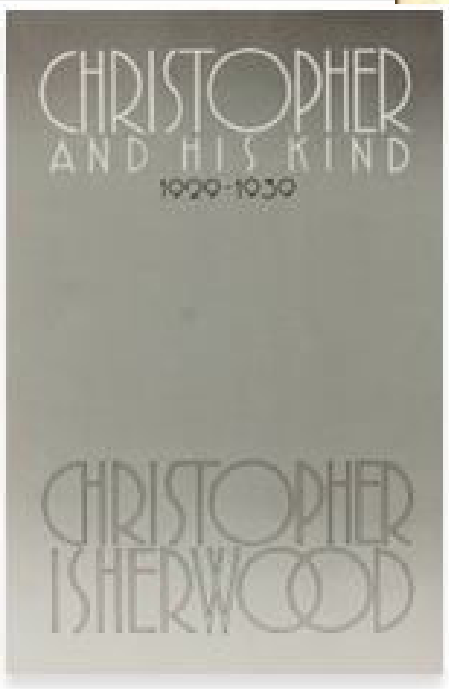
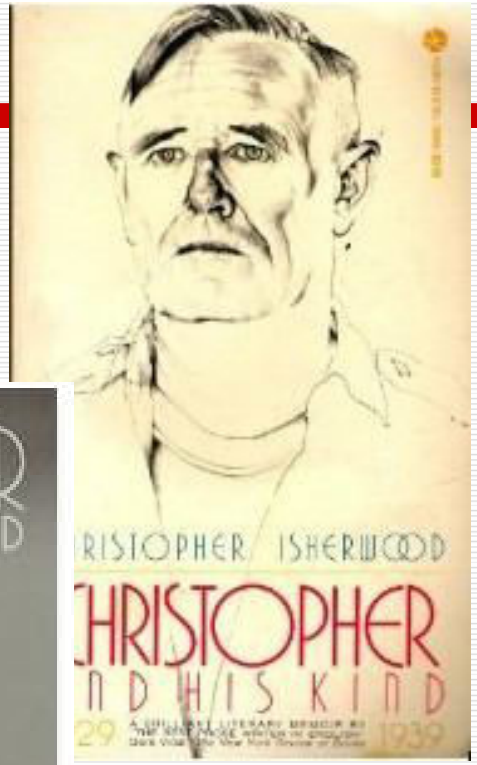
(M)IL And Its Kind

Albert K. Boekhorst

Sibiu 2013







Christopher And His Kind, 1929 - 1939

by Christopher Isherwood

1991-1995

Coordinator Tempus JEP_ 03764-93/2: Updating library and information sciences in Romania

1. Bucharest University Library
2. Technical University Library Bucharest
3. Brasov
4. Cluj-Napoca
5. Iasi
6. Suceava
7. Timisoara

Motto

Information exists to be used
The universe of information is continuously changing

albertkb.nl

- Without materials nothing exists
- Without energy nothing happens
- Without information nothing makes sense
  - (….?)
- Information needs a carrier …

Content

- Information Science
- Informatisation of Society
- Information Literacy
- Related terms
- Media and Information Literacy

Merriam-Webster and American Heritage Dictionary.

- **Information science** (or **information studies**) is an interdisciplinary field primarily concerned with the analysis, collection, classification, manipulation, storage, retrieval, movement, and dissemination ofinformation

ENCYCLOPÆDIA BRITANNICA

- **information science,** discipline that deals with the processes of storing and transferring information. It attempts to bring together concepts and methods from various disciplines such as library science, computer science and engineering, linguistics, psychology, and other technologies in order to develop techniques and devices to aid in the handling—that is, in the collection, organization, storage, retrieval, interpretation, and use—of information.

Information Science

'… an interdisciplinary science that investigates the properties and behaviour of information, the forces that govern the flow and use of information, and the techniques, both manual and mechanical, of processing information for optimal storage, retrieval, and dissemination.'

…

'*It has both a pure science and an applied component*'

(Borko 1968)

Aspects

1. *properties and behaviour of information*
2. *flow and use of information*
3. *processing of information*
   (manual and mechanical)

Three levels:

- Macro = 'World' society as a whole
- Meso = Organisational
- Micro = Individual

→ private, professional

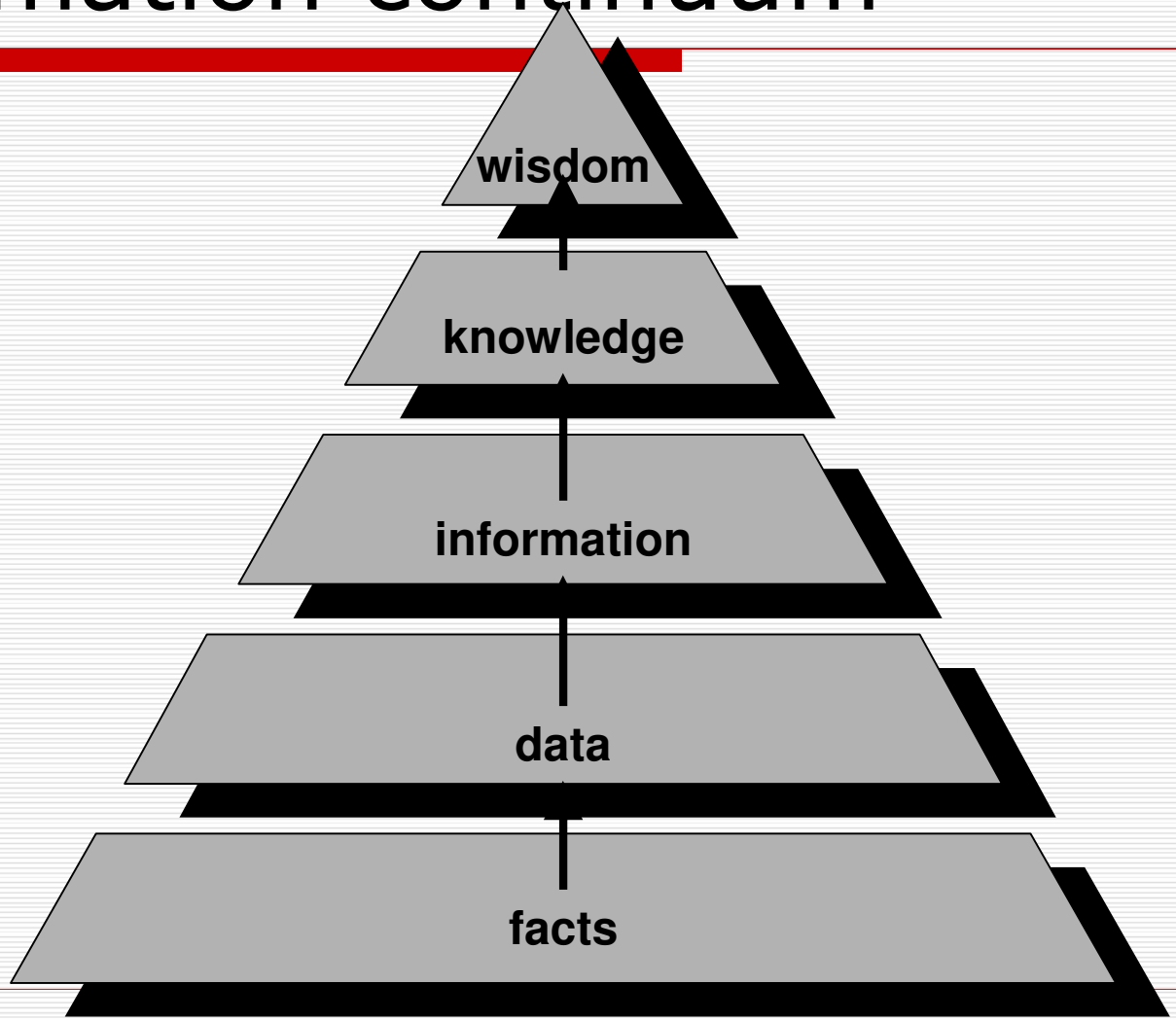
Informatisation of society

…theoretical perspective for the process in which information is becoming the dominant production factor in society

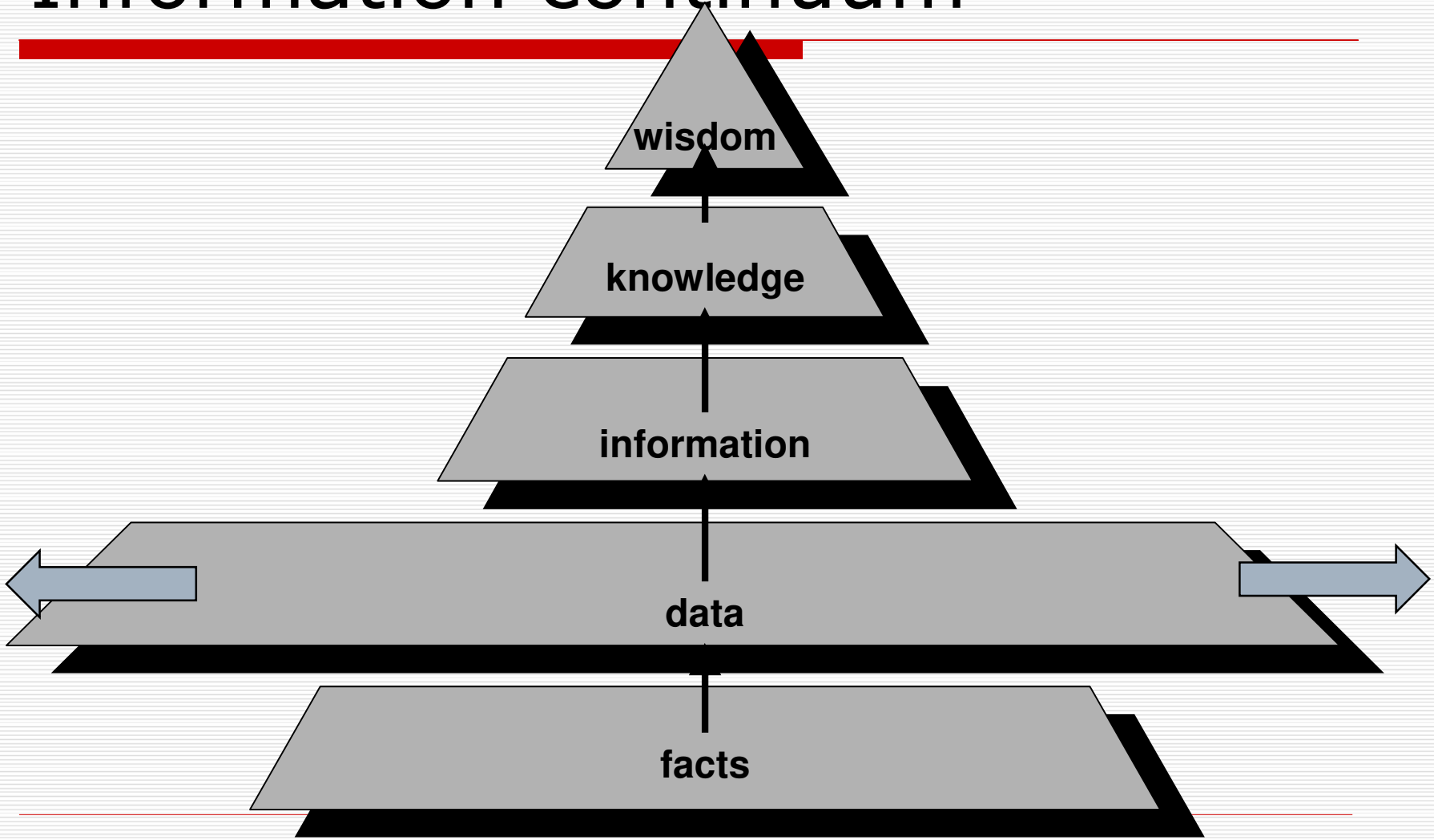
Informatisation process

- Ongoing control over natural forces
  → **'technization'**
- Ongoing differentiation: social and technical
  → **'differentiation'**
- Expanding of interdependency networks
  → **'globalisation'**

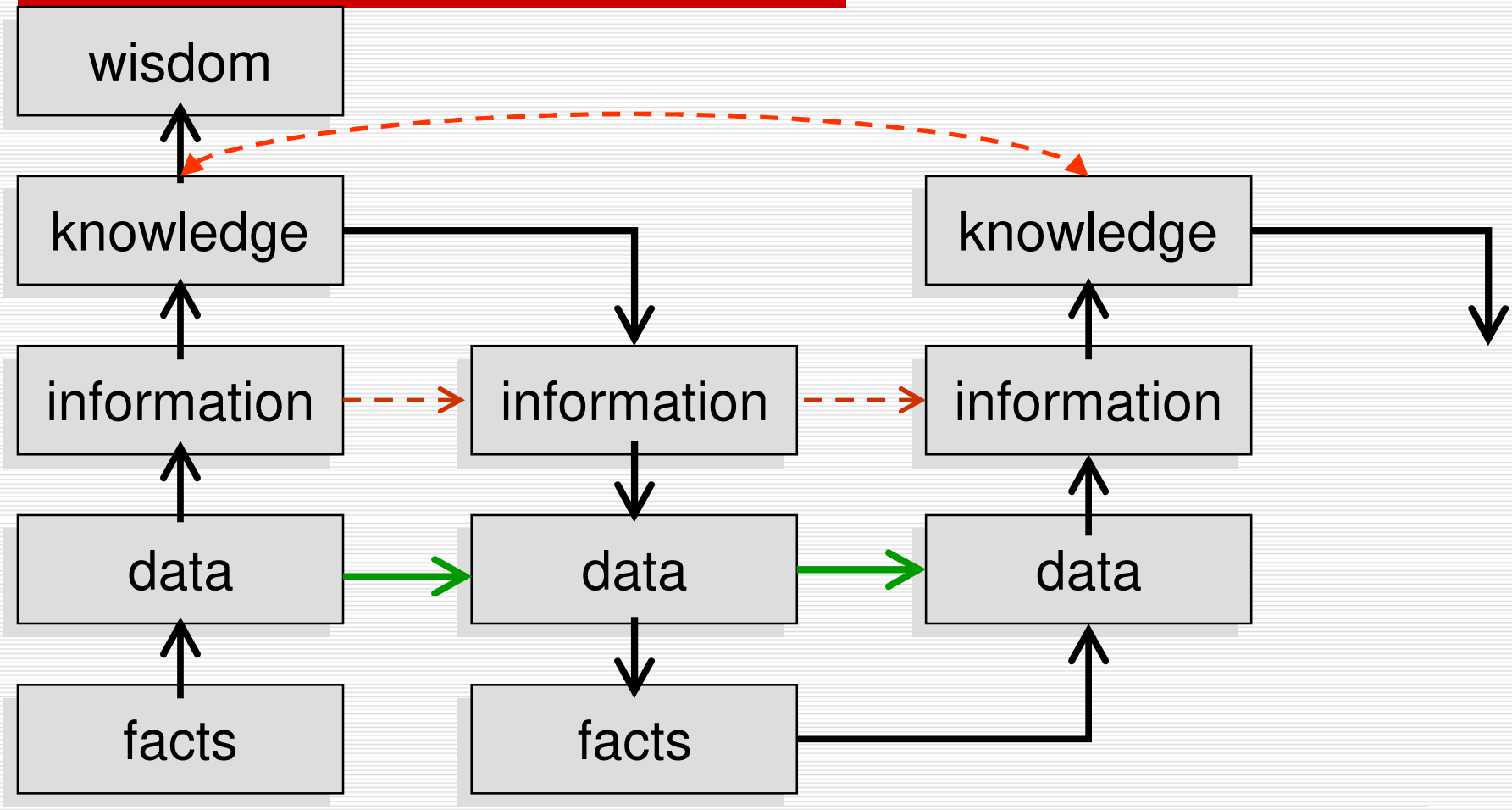
Information continuum



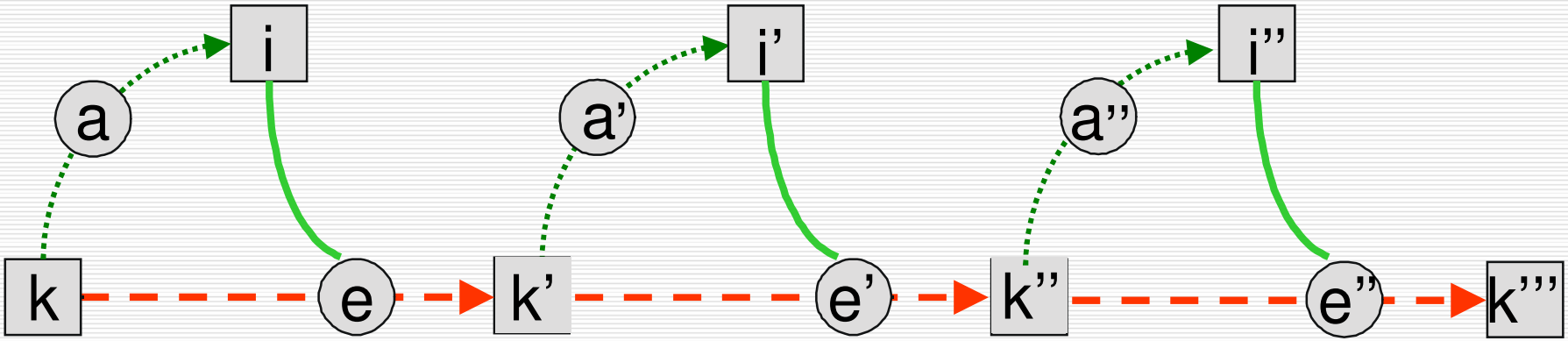
Information continuum



Information cycle



Knowledge growth



Shannon & Weaver (1948)

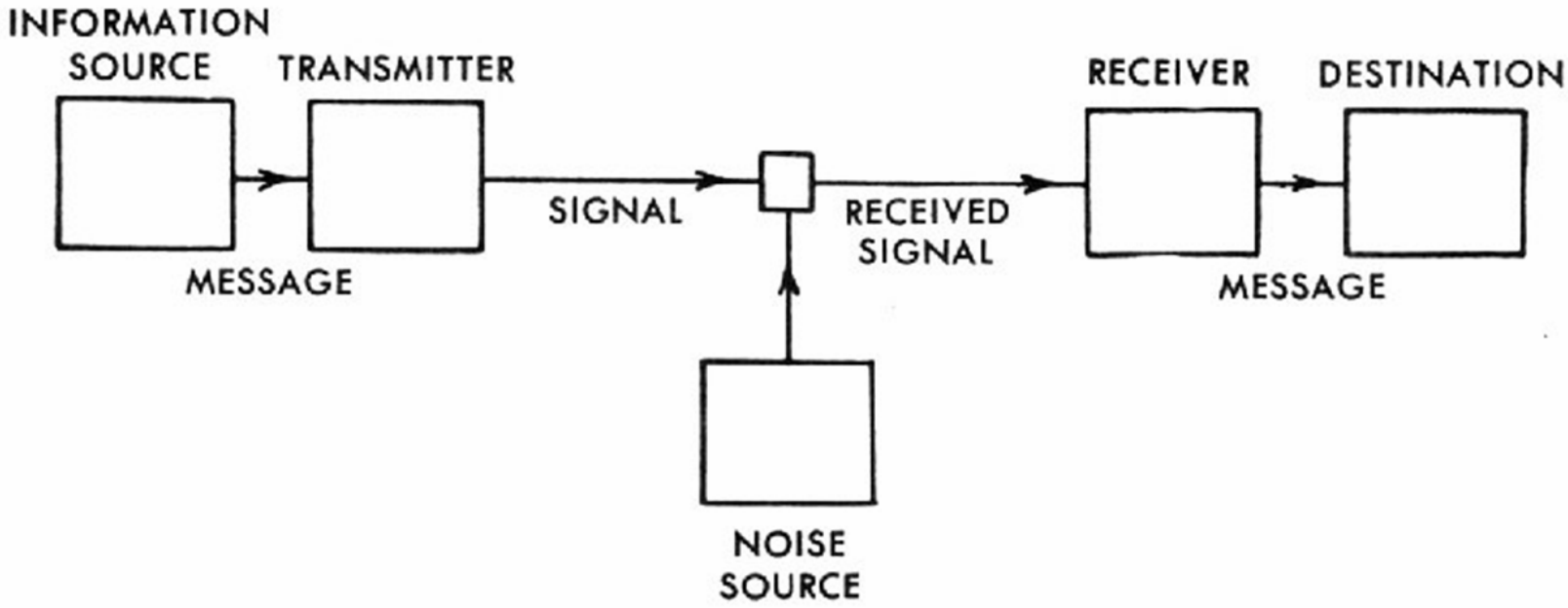


Fig. 1. — Schematic diagram of a general communication system.

To survive, relax, develop etc.

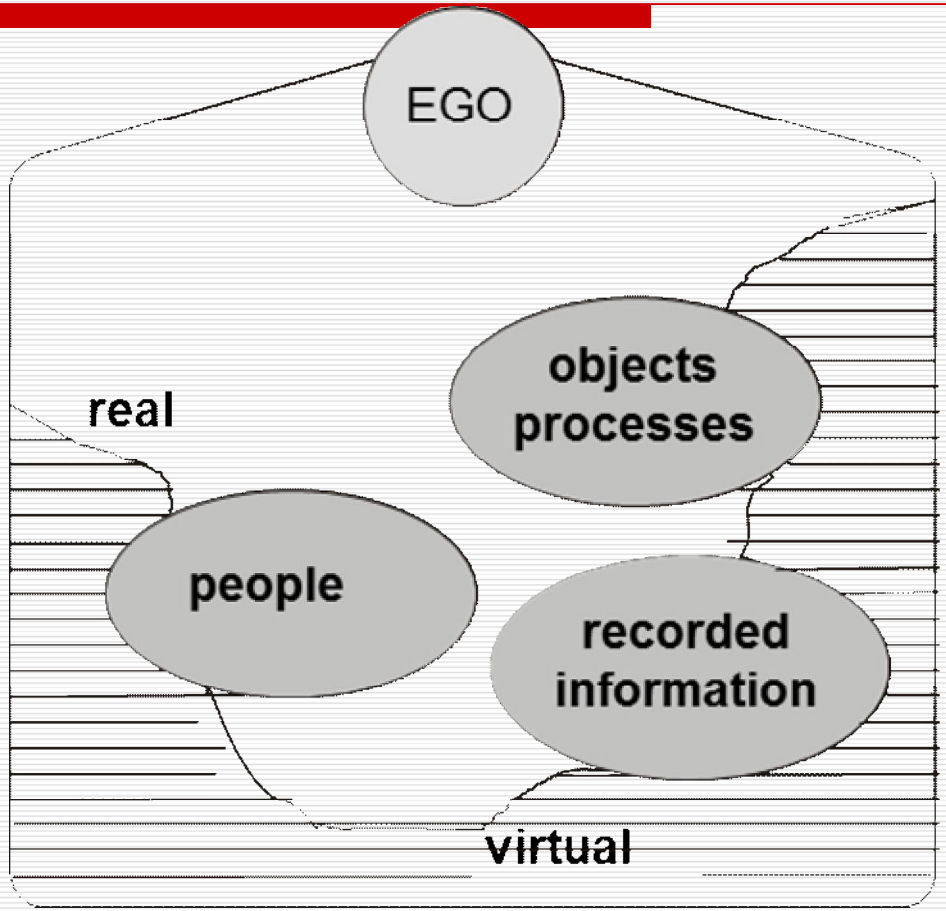
People, organisations and nations need knowledge on:

- Themselves
- Their physical environment
- Their social environment

Information Space

- Observation: objects & processes
- Conversation: persons
- Consultation:
  - Stored / recorded information in
  - Libraries, Archives, Museums, Information institutes etc.
  - 'memory institutions'
- Both real and virtual

Personal information space



Barriers

- Economic
- Political
- Affective
- Cognitive
- Personal characteristics

‘Survival of the Fittest’

Those who are better than others capable to satisfy their information needs in an effective and efficient way, are more capable to survive and develop themselves than … those with less advantageous traits ...

After Charles Darwin

"...it is not the strongest of the species that survive, nor the most intelligent, but the one ***most responsive to change***..."

Therefore a need to be ‘Information Literate’

Effects for people

- Exponential growth of information, information media, information channels and information services
- Growth of technology, tools and applications to retrieve, process and disseminate information
- Changes in communication patterns and behaviour
- ‘Connected’ 24/7

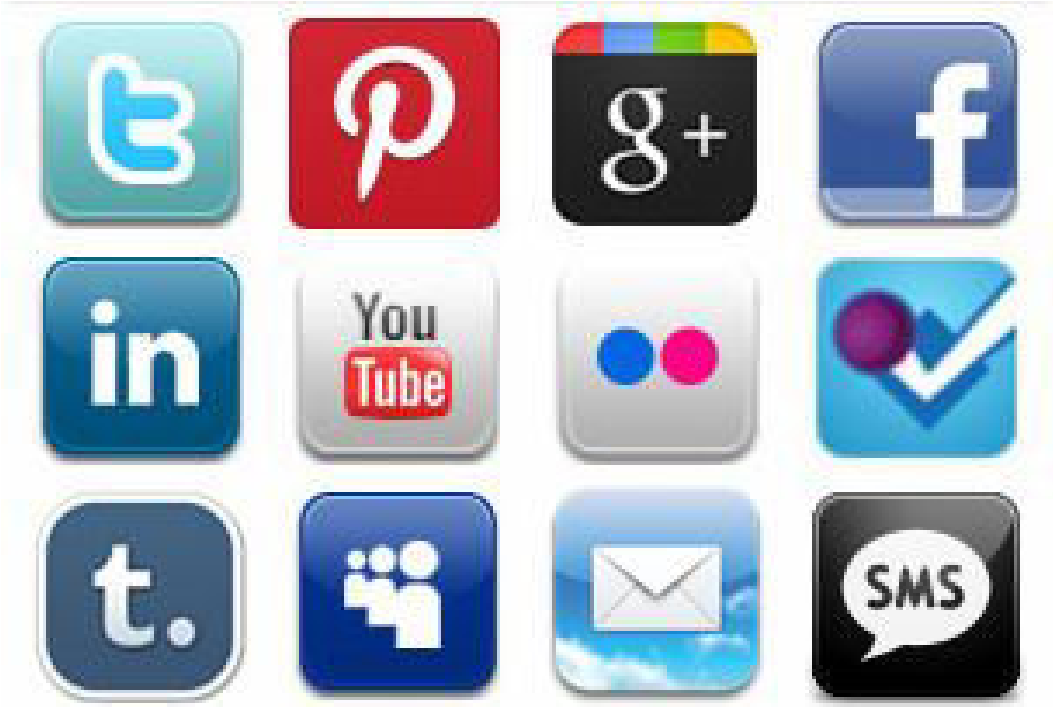
21st century

- Working 'In the Cloud'

In how many clouds?

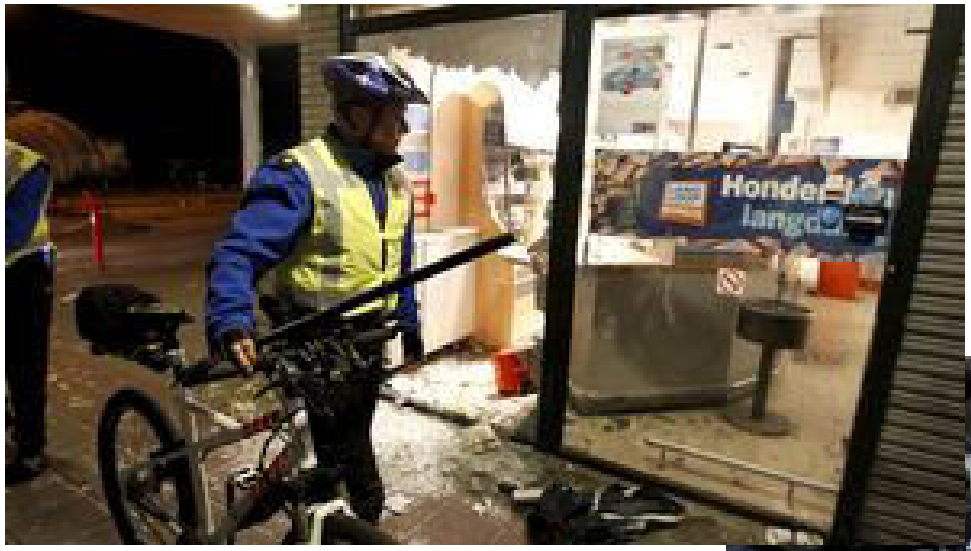
Cyber Attacks

- Banks
- Paying systems
- Public transport
- Newspapers
- Official organisations



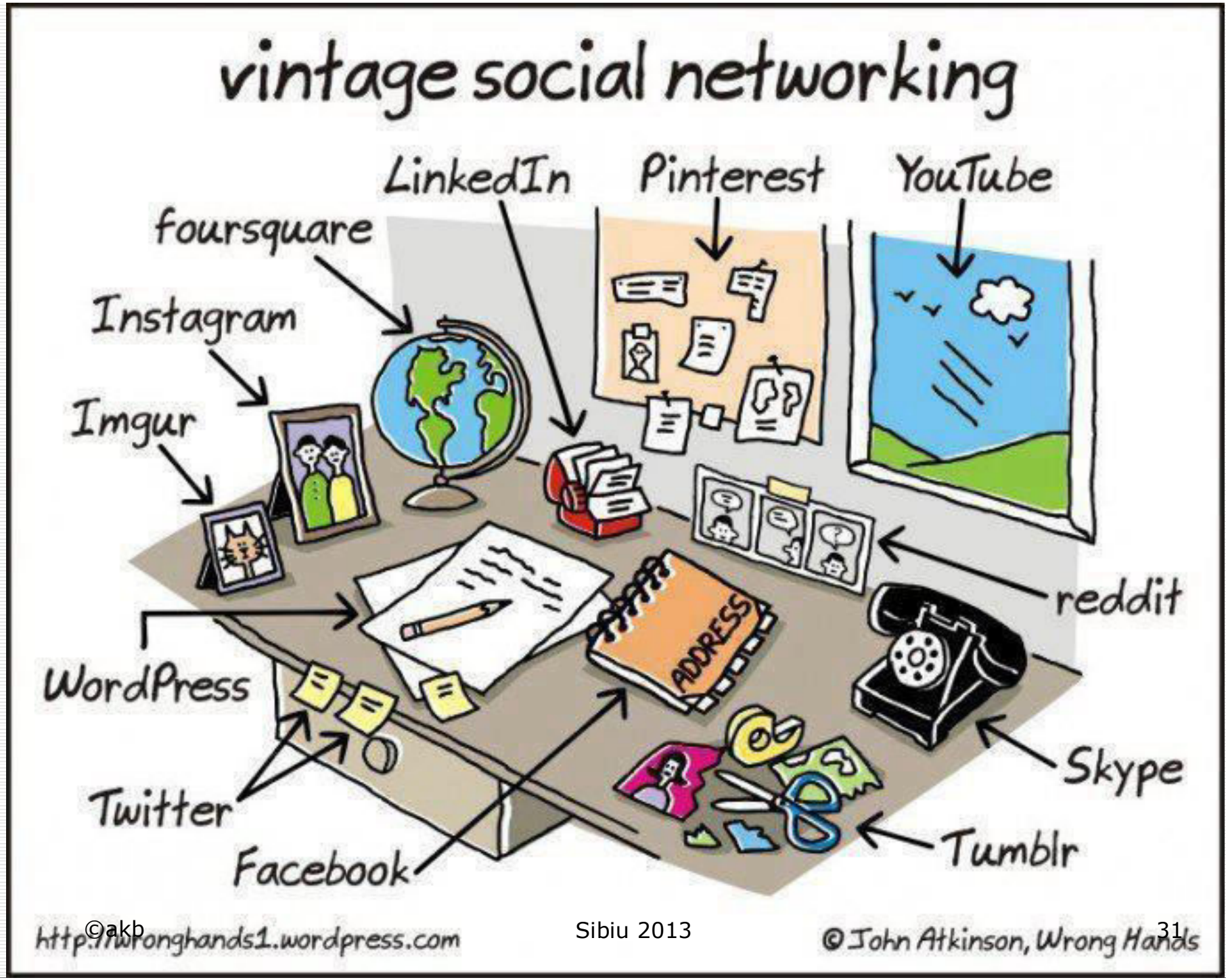
Need to be able to work time, place and hard/software independed

Facebook Party in Haren



JOACHIMS WEBSITES

- joachims website
- Katikaze Fashion & High Fashion Accessories
- joachim op linkedin
- joachim op facebook
- joachim op twitter
- joachim op chiliwire
- joachim op art-profiles
- joachim op virtual gallery
- joachim op tumblr
- joachim op muttonline
- joachim op artisan direct
- joachim op behance
- joachim op the creatorsproject
- joachim op adweek talent gallery
- joachim op youtube
- joachim op leapdirect
- joachim op GallerymeetArtist
- joachim op meetingplace for artists
- joachim op mijnbestseller
- het Ritsjas gevoel op facebook
- the Wanderbach Illustrations
- joachim op boekenliefde
- joachim op goodreads
- joachim op bukisa
- joachim op pulpfictie


vintage social networking
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Imgur
reddit
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http://wronghands1.wordpress.com
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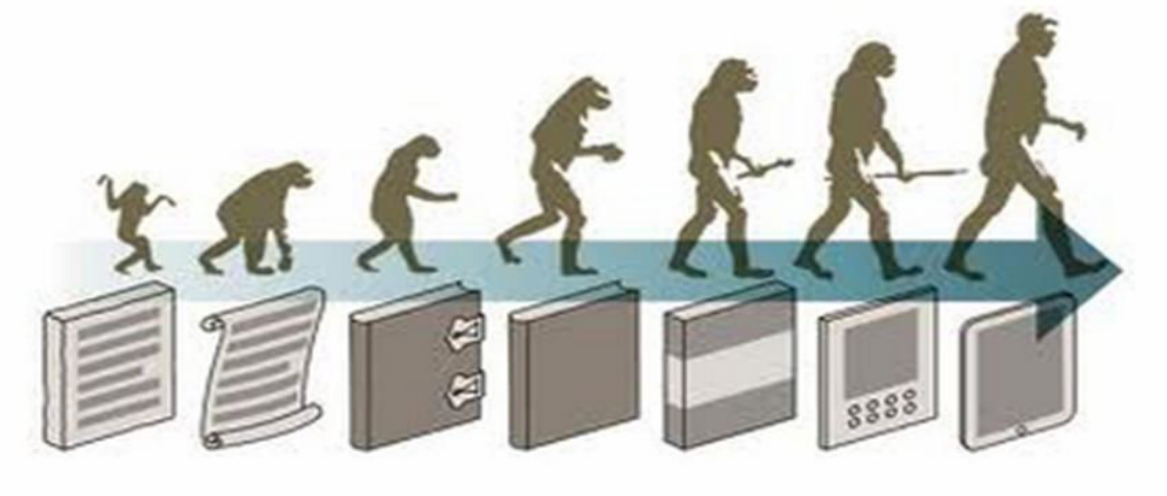
Information literacy

- Increasing complexity of environment leads to need for more skills to select, retrieve and process information
- External factors create backlog



First time mentioned

- Paul Zurkowski was the originator of the term "information literacy". He first used it in 1974 in a proposal to the US National Commission on Libraries and Information Science. At the time he coined the term he was president of the Information Industry Association.

'People trained in the application of information resources to their work can be called information literates. They have learned techniques and skills for utilizing the wide range of information tools as well as primary range of information tools as well as primary resources in molding information-solutions to their problems'

(Zurkowski 1974, p.6).

American Library Association (1989)

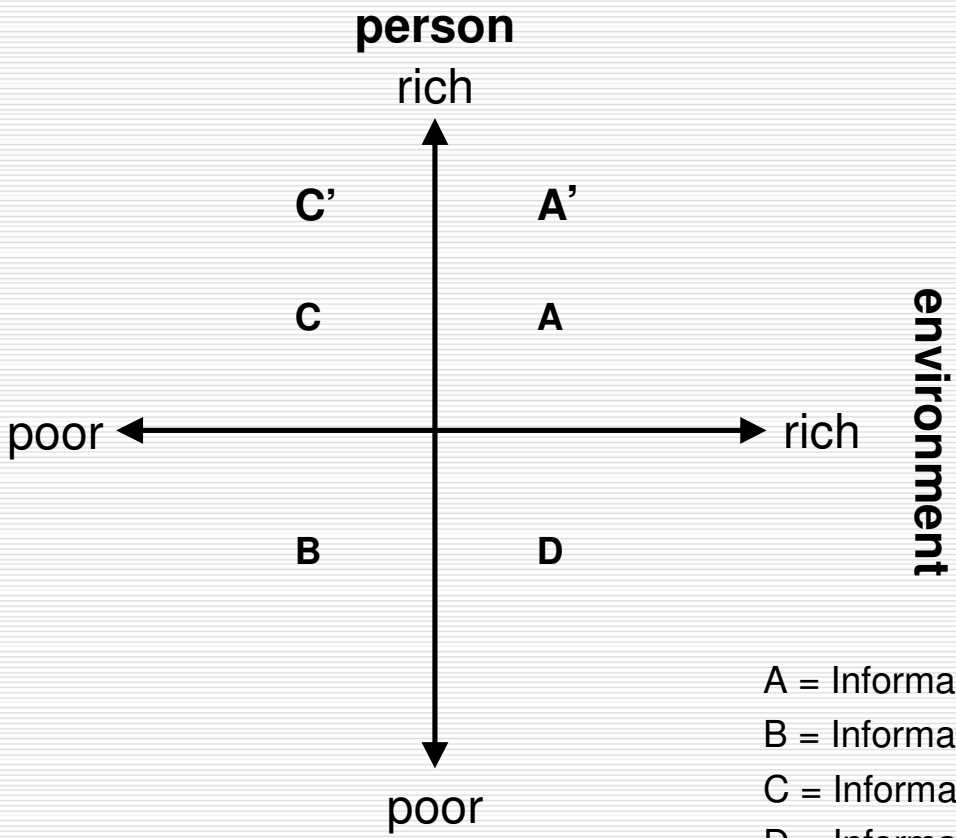
- Information literacy is a set of abilities requiring individuals to recognize when information is needed and have the ability to locate, evaluate, and use effectively the needed information

- In an ethical way

Further

- 2003 Prague Declaration
  - "Towards an Information Literate Society" and Information Society
- 2005 Alexandria Declaration
  - Beacons of the Information Society
- 2011 Fez Declaration on Media & Information Literacy
- 2012 UNESCO / IFLA Recommendation
  - Dilemma IL or MIL …
- 2012 Moscow Declaration on Media and Information Literacy

Information Rich - Poor

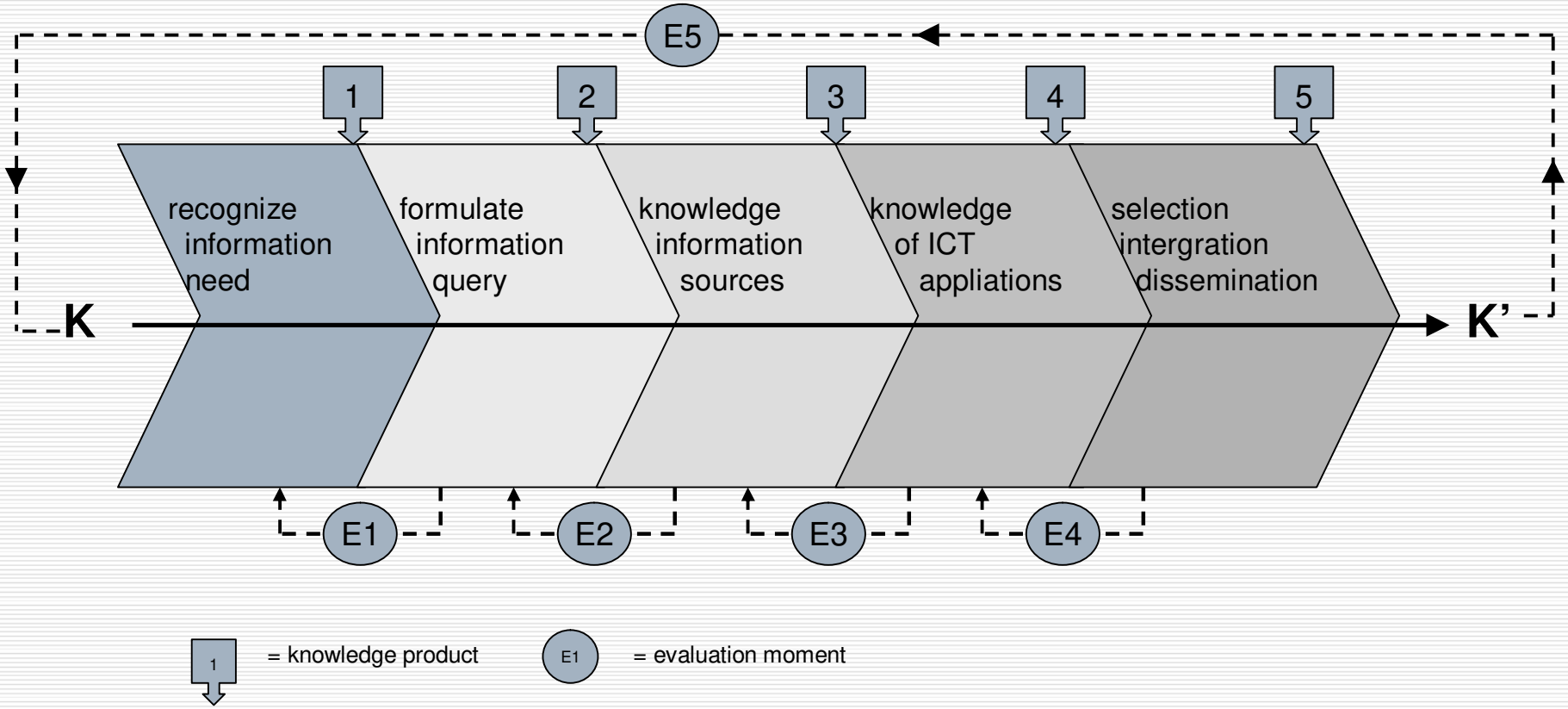


A = Information Rich person in Information Rich environment
B = Information Poor person in Information Poor environment
C = Information Rich person in Information Poor environment
D = Information Poor person in Information Rich environment

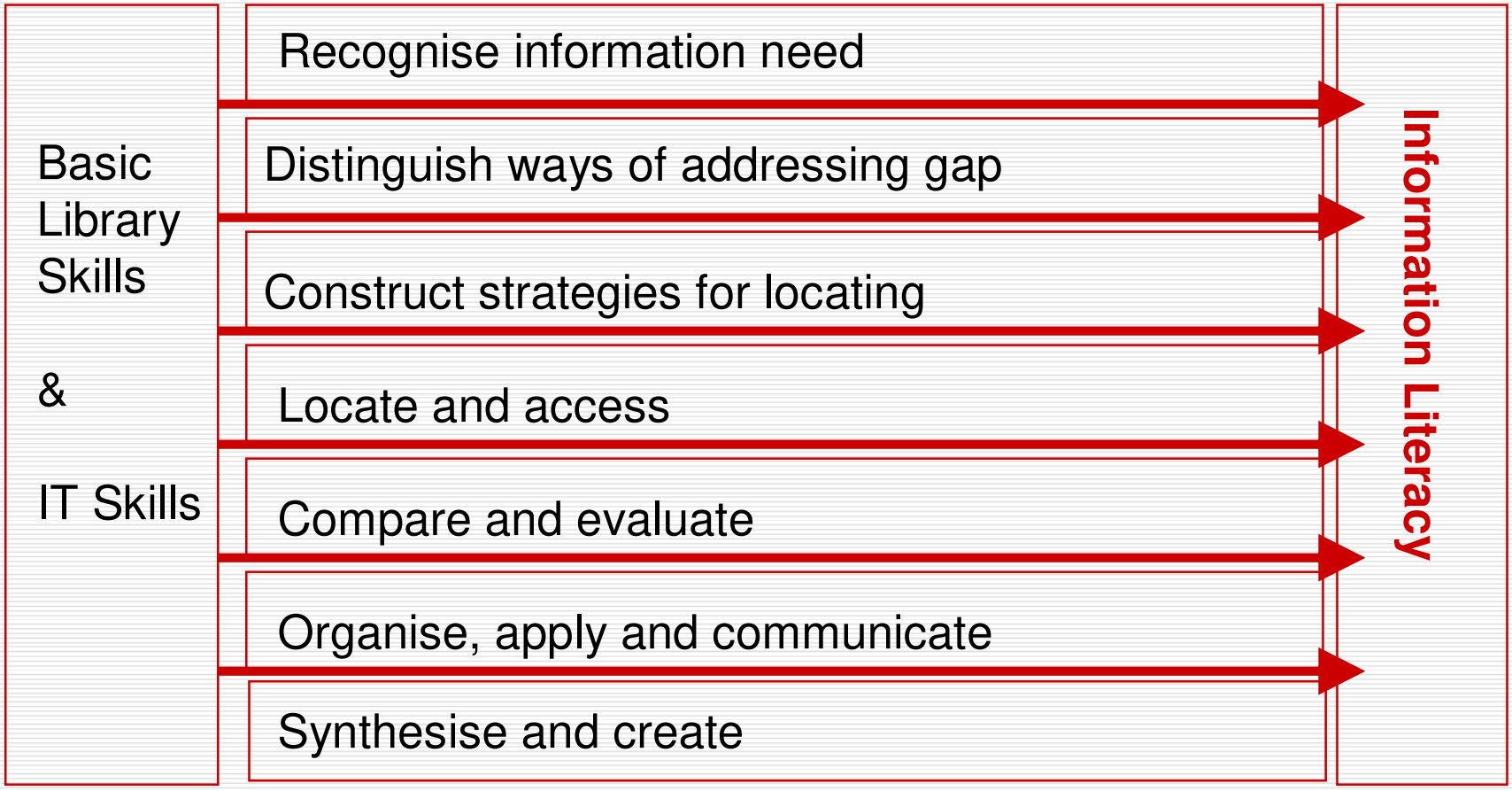
Aspects

1. Recognition information need
2. Translation information need into query
3. Identification suitable information source
4. Application knowledge of relevant ICT
5. Selection, integration, dissemination of found information.
6. Continuous evaluation

Process

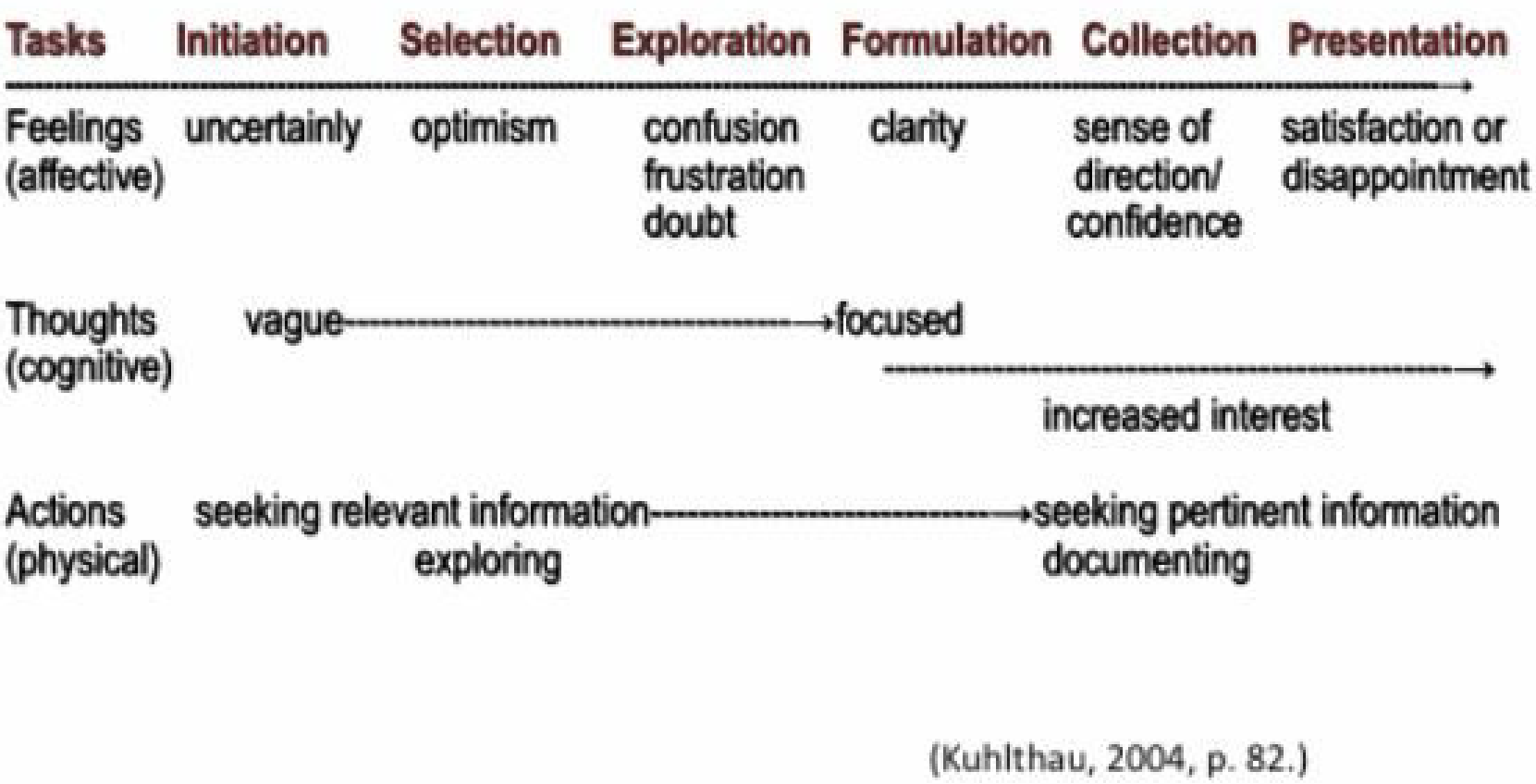

E5
1
2
3
4
5
recognize information need
formulate information query
knowledge information sources
knowledge of ICT appliations
selection intergration dissemination
K
K'
E1
E2
E3
E4
1
= knowledge product
E1
= evaluation moment

SCONUL 7 pillars of information literacy



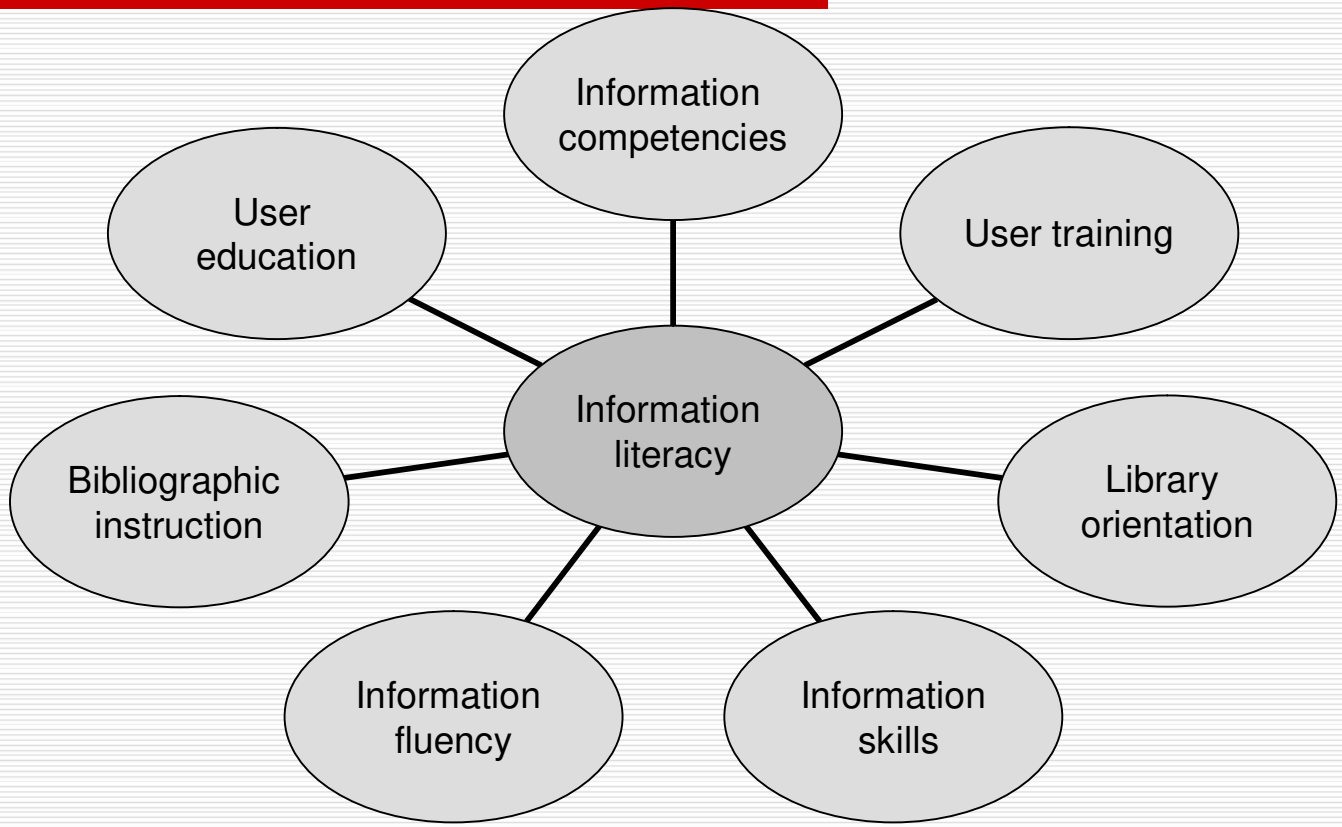
http://www.sconul.ac.uk/

Model of the Information Search Proces



(Kuhlthau, 2004, p. 82.)

Related terms



Harris & Hodges (1995)

- Adult literacy
- Advanced literacy
- Basic literacy
- Biliteracy
- Community literacy
- Computer literacy
- Critical literacy
- Cultural literacy
- Emergent literacy
- Family literacy
- Functional literacy
- Informational literacy
- Marginal literacy
- Media literacy
- Minimal literacy
- Restricted literacy
- Survival literacy
- Visual literacy
- Workplace literacy

More …

- Tool literacy,
- Resource literacy,
- Social-structural literacy,
- Research literacy,
- Publishing literacy,
- Emerging technology literacy,
- Critical literacy.

Shapiro, & Hughes,1996

Recently found

- Civic Literacy
- News Literacy
- Information Fluency
- Health information Literacy
- Emergent Literacy
- Transliteracy
- Copyright Literacy
- Century Skills
- 21st Century Information Fluency
- Augmented Reality Literate
- Visual Literacy
- Mobile Information Literacy
- Chat Literacy
- Intergenerational Literacies

IL and Media Literacy

- Expert meetings UNESCO
  - Paris June 2008
    - Teacher Training Curricula for Media and information Literacy
  - Bangkok November 2010
    - Towards Media and Information Literacy Indicators

IFLA Media and Information Literacy Recommendations

IFLA/UNESCO 'Media
and Information Literacy Recommendations'
(http://www.ifla.org/publications/ifla-media-and-information-literacy-recommendations)

IFLA/UNESCO Recommendations

- http://www.ifla.org/publications/ifla-media-and-information-literacy-recommendations

- http://www.ifla.org/news/new-ifla-media-and-information-literacy-recommendations

Moscou Declaration

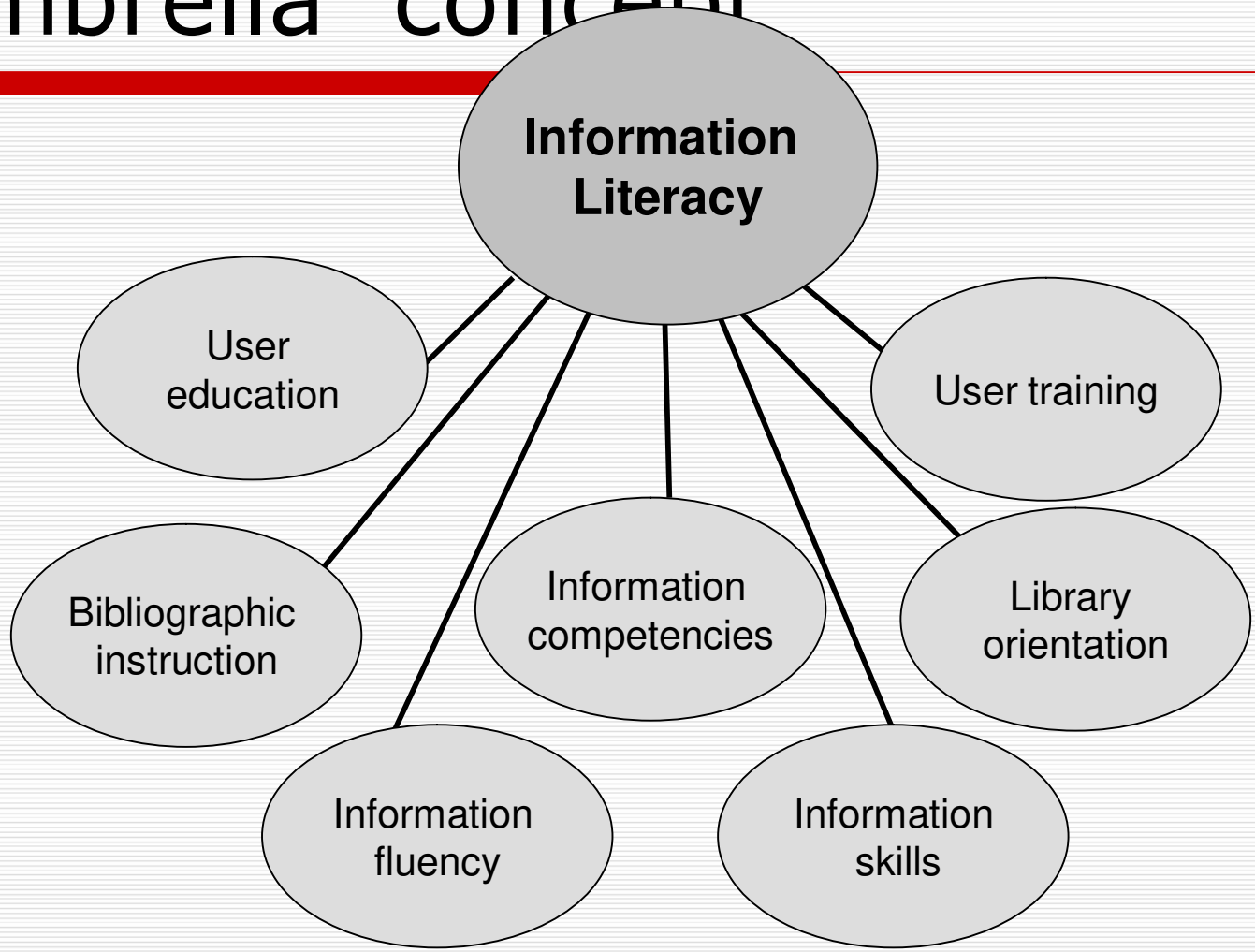
- The International Conference on Media and Information Literacy in Knowledge Societies was held in Moscow within the framework of the Russian Chairmanship in the UNESCO Information for All Programme, June 2012
- http://www.ifapcom.ru/en/news/1344/?returnto=0&n=1

Definition

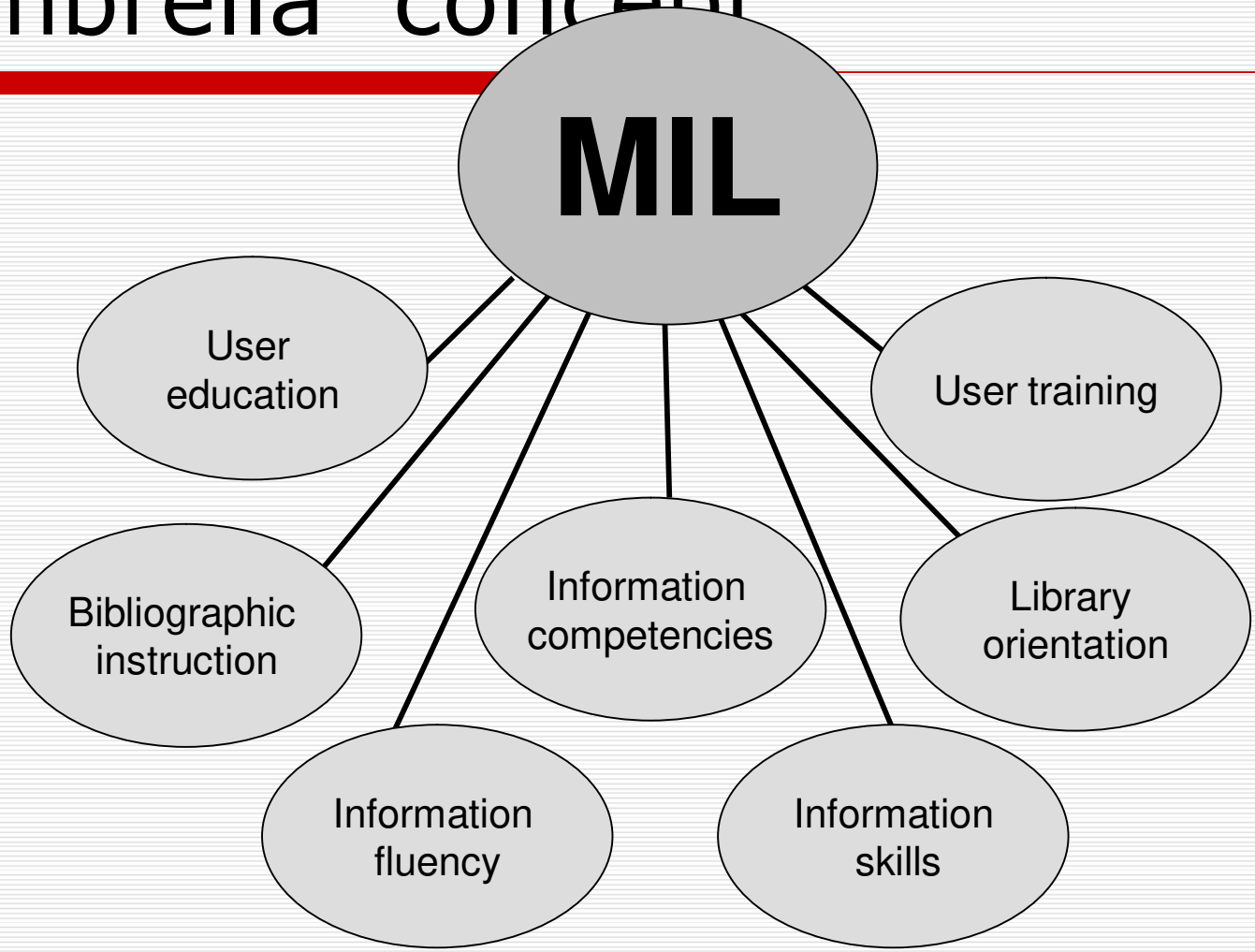
- Media literacy is a repertoire of competences that enable people to analyze, evaluate, and create messages in a wide variety of media modes, genres, and forms.

- http://en.wikipedia.org/wiki/Media_literacy

Umbrella concept



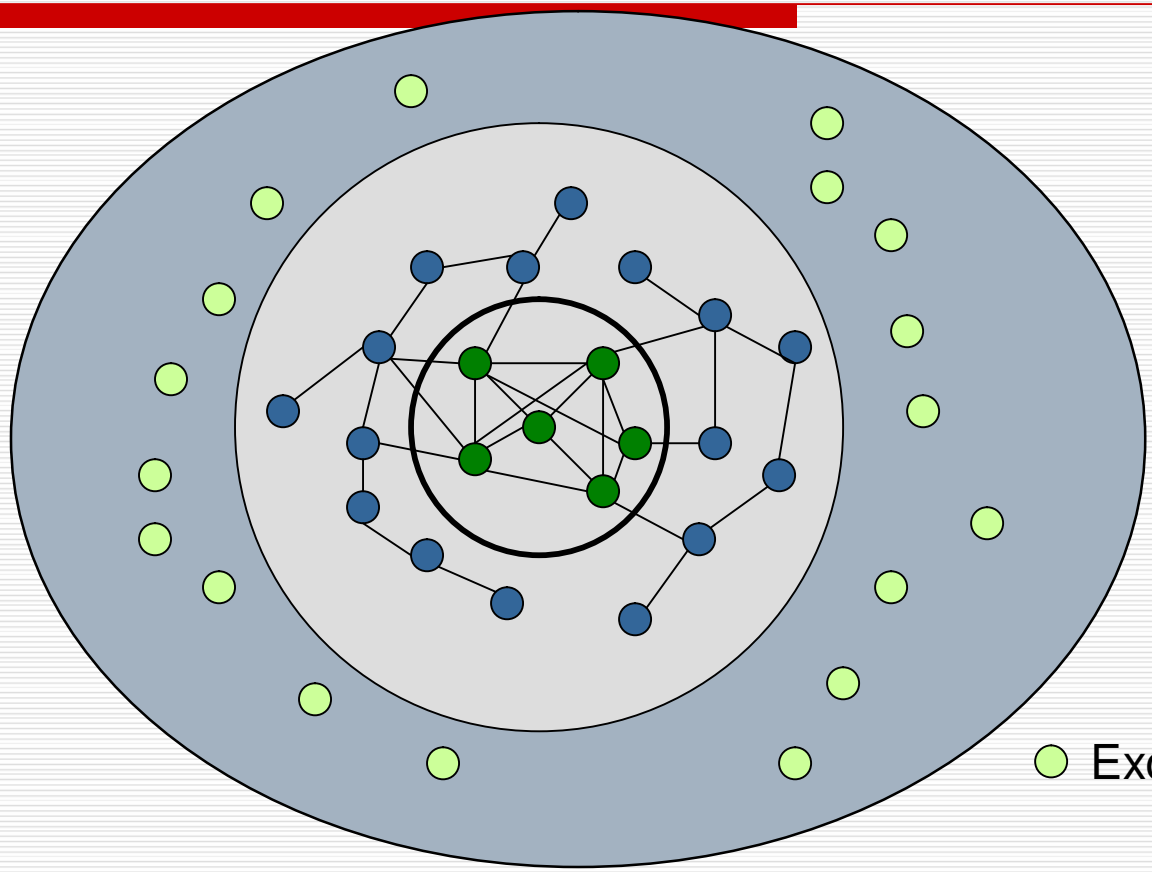
Umbrella concept



3 concepts

- ***The ICT concept:***
  - Information literacy refers to the competence to use ICT to retrieve and disseminate information.
- ***The information (re)sources concept:***
  - Information literacy refers to the competence to find and use information independently or with the aid of intermediaries.
- ***The information process concept:***
  - Information literacy refers to the process of recognizing information need, the retrieving, evaluating, use and dissemination of information to acquire or extend knowledge.

Information inequality

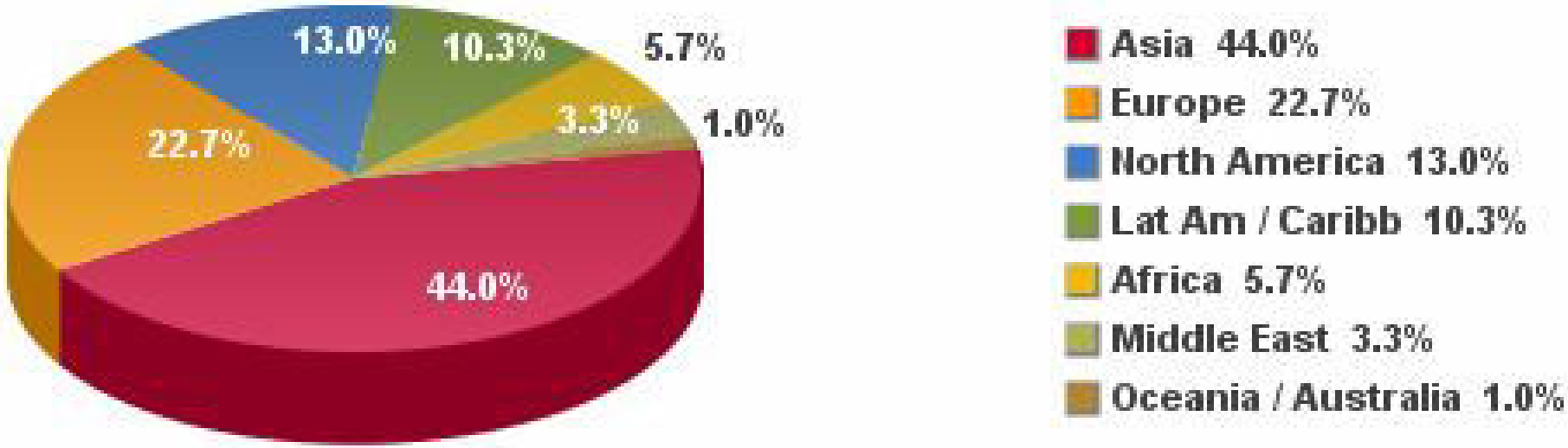


Excluded

Participating majority

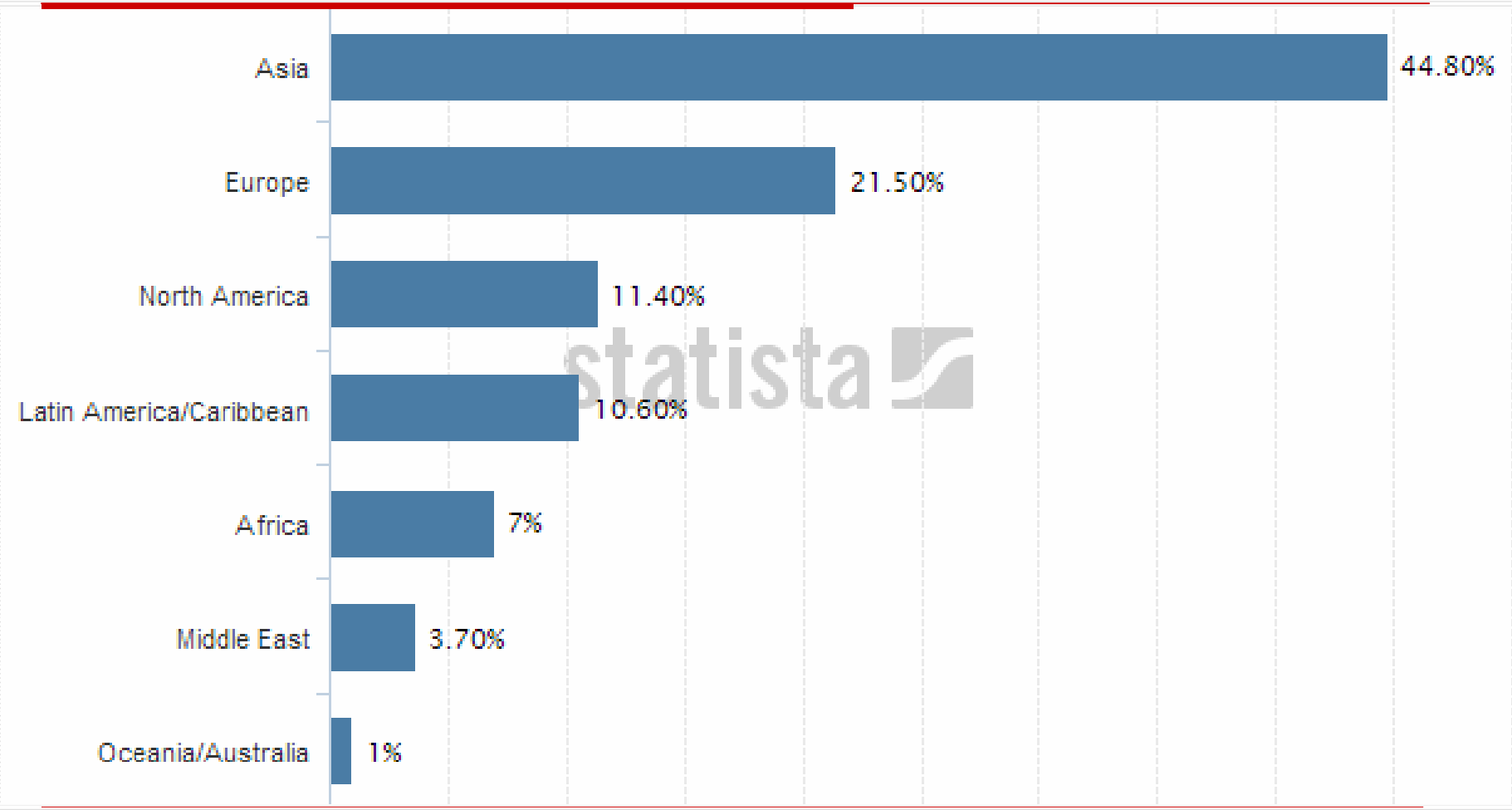
Information elite

Internet Users in the World
Distribution by World Regions - 2011

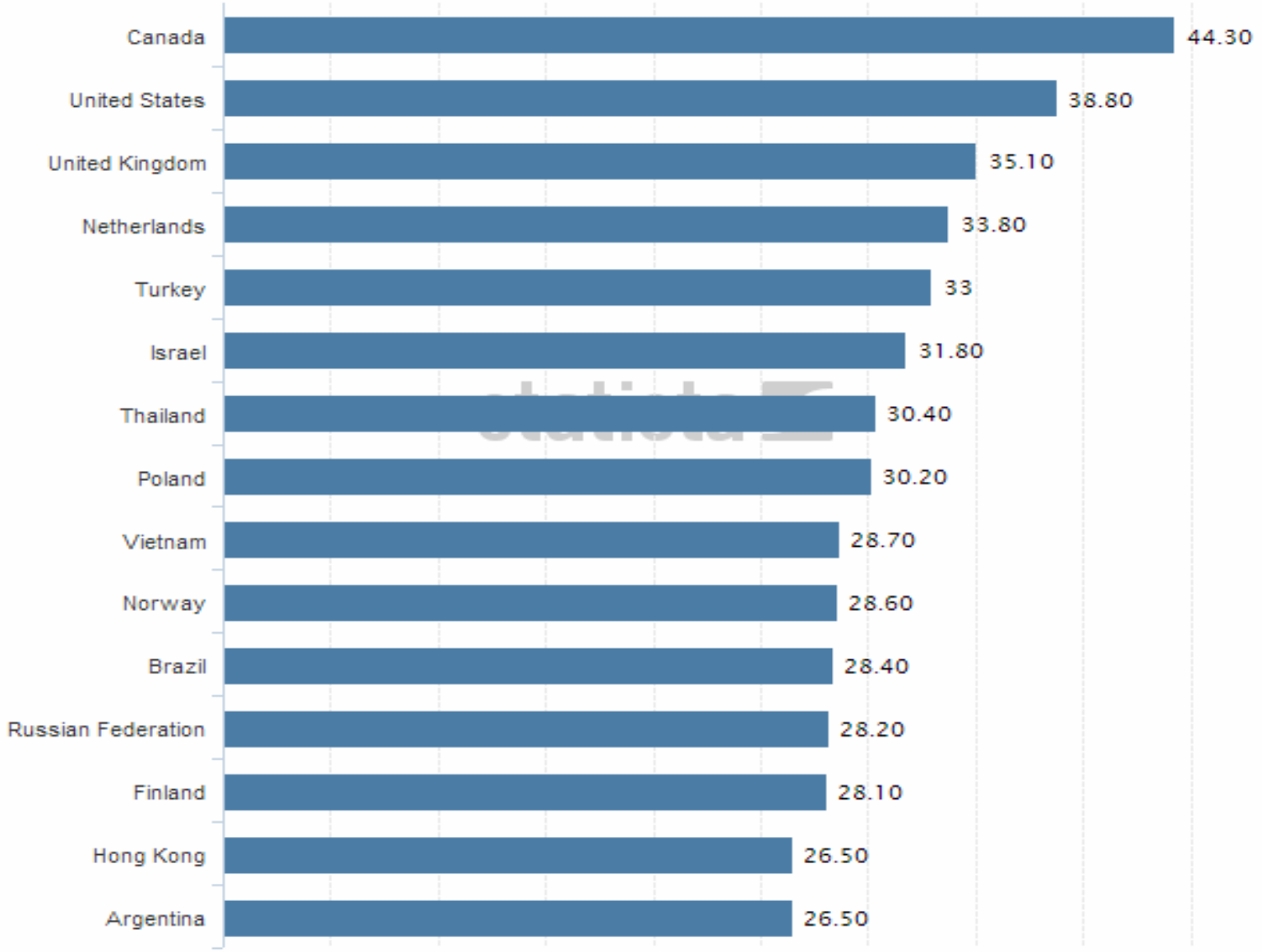


Source: Internet World Stats - www.internetworldstats.com/stats.htm
Basis: 2,095,006,005 Internet users on March 31, 2011
Copyright © 2011, Miniwatts Marketing Group

Distribution of worldwide internet users June 2012, by region



Average duration of monthly internet (hours)



.statista.com/

So far 'MIL'

- Is a **container** concept
- It's a **dynamic** concept
- Being '**MIL**' is a **competence**:
  - a critical ***Attitude*** about:
    - What am I doing?
    - What for am I doing this?
    - With what am I doing this?
  - ***Knowledge*** about:
    - the organization and quality of information resources and -channels
    - acquiring access to information
  - ***Skills***: being able to use required skills and technology
- Part of Life Long Learning

How: by learning

- In the socialisation process:
  - 'By doing'
  - Formal education
  - Informal education

Becoming information literate

- Cannot be learned in a distinct subject
- Integrated in any subject
- Coordination between ‘teachers’ & ‘librarians’

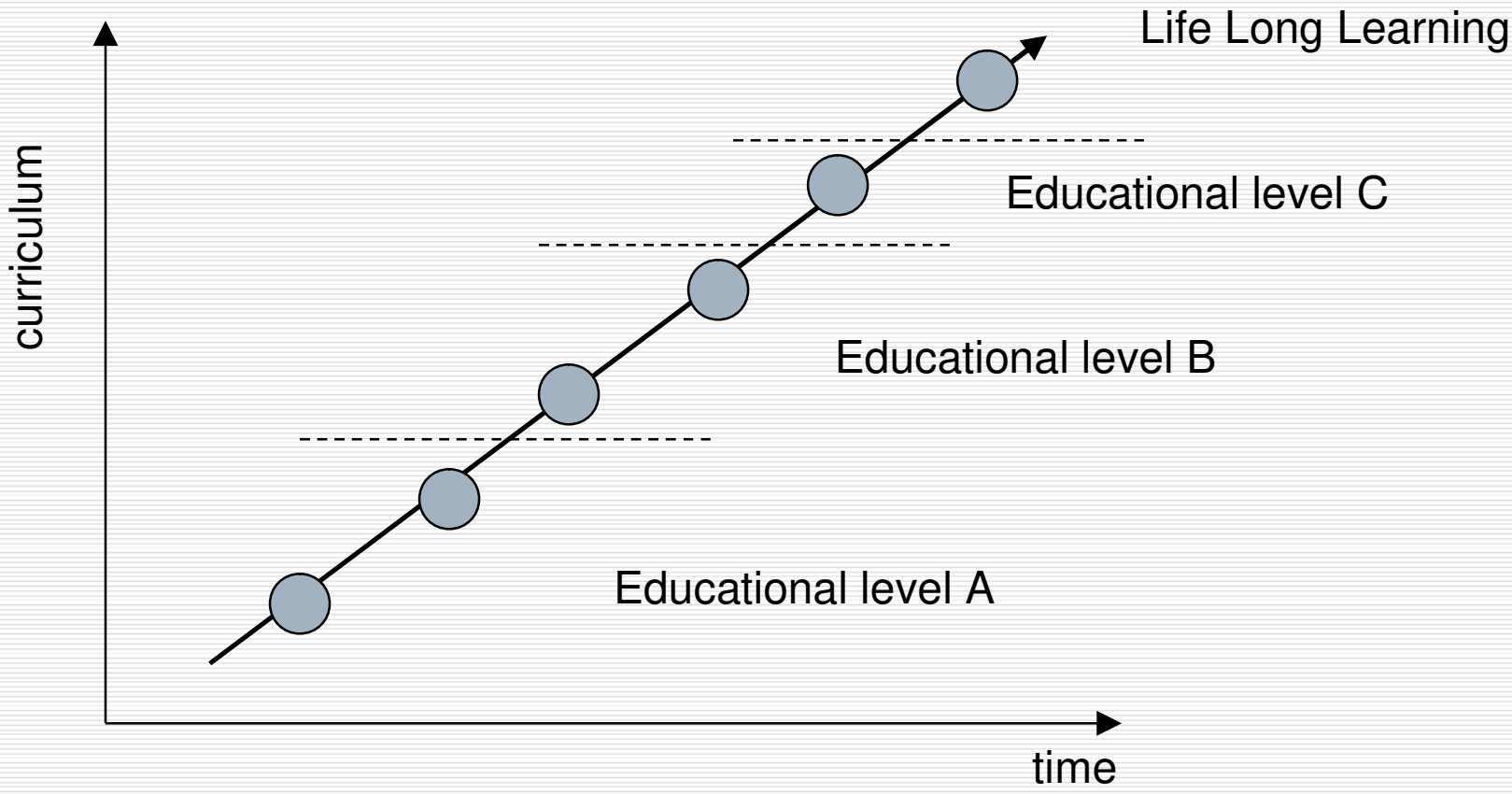
In each subject attention for:

- **Information problems:** what are relevant problems in the subject?
- **Information questions:** how are questions in this subject formulated?
- **Resources:** what specific information resources are relevant for the subject?
- **Selecton**: which of the identified sources are relevant
- **Process**: what specific communication tradition are there regarding presentation, storing and dissemination
- **ICT**: what specific skills are needed to use resources and applications
- **Evaluation**: Does each step indeed lead to obtain the desired information and satisfies the information need

+

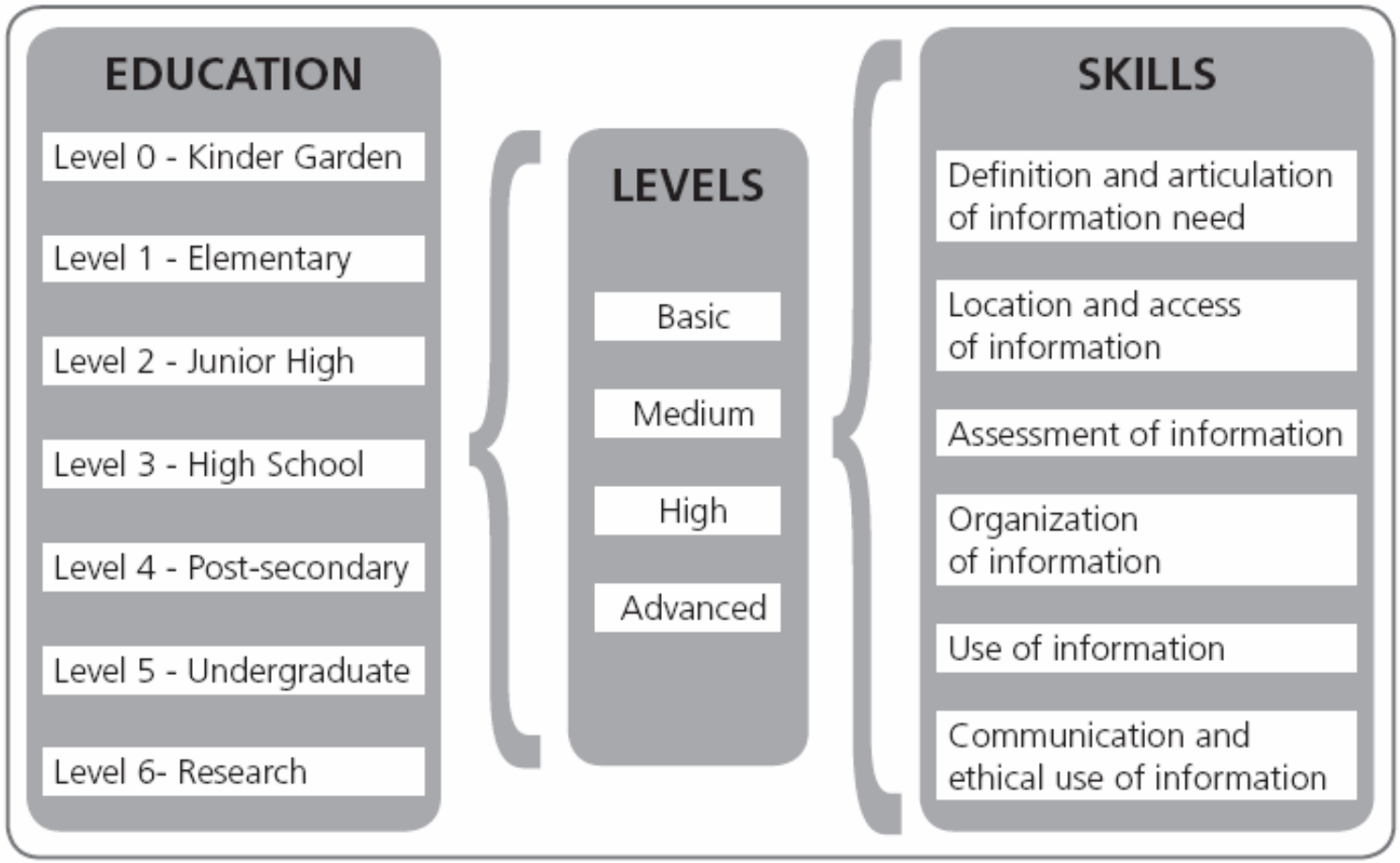
- Aspects of information literacy should be given in such a way that they reflect the needs of the person at that time.

Learning Line & Moments



Catts & Lau 2008

Information Literacy Continuum



Towards becoming MIL

- From
  - Unconscious Incompetent
- Via
  - Conscious Incompetent
- To
  - Conscious Competent

Via Assessments

- Self-assessment
- Peer-assessment
- Tutor-assessment

How?

unconscious incompetent

step 1 raise awareness (assessment)

conscious incompetent

step 2 offer trainings

conscious competent

Global Trends

- Originated in ‘industry’
- Went into (school) libraries
- Differentiation of concept
- Confusing variety of ´terms
- Is still there, more and more ´integrated´
- But still:
  - Lack of interest of ‘management’
  - Reluctance of ‘teachers’

Further:
IFLA Information Literacy Section

- http://www.ifla.org/VII/s42/index.htm
- InfoLit: IFLA Information Literacy Section Discussion List

* Information Literacy

About this group
News
Events
Publications
Projects
Standing Committee
Minutes of Meetings
Links

Information Literacy Section

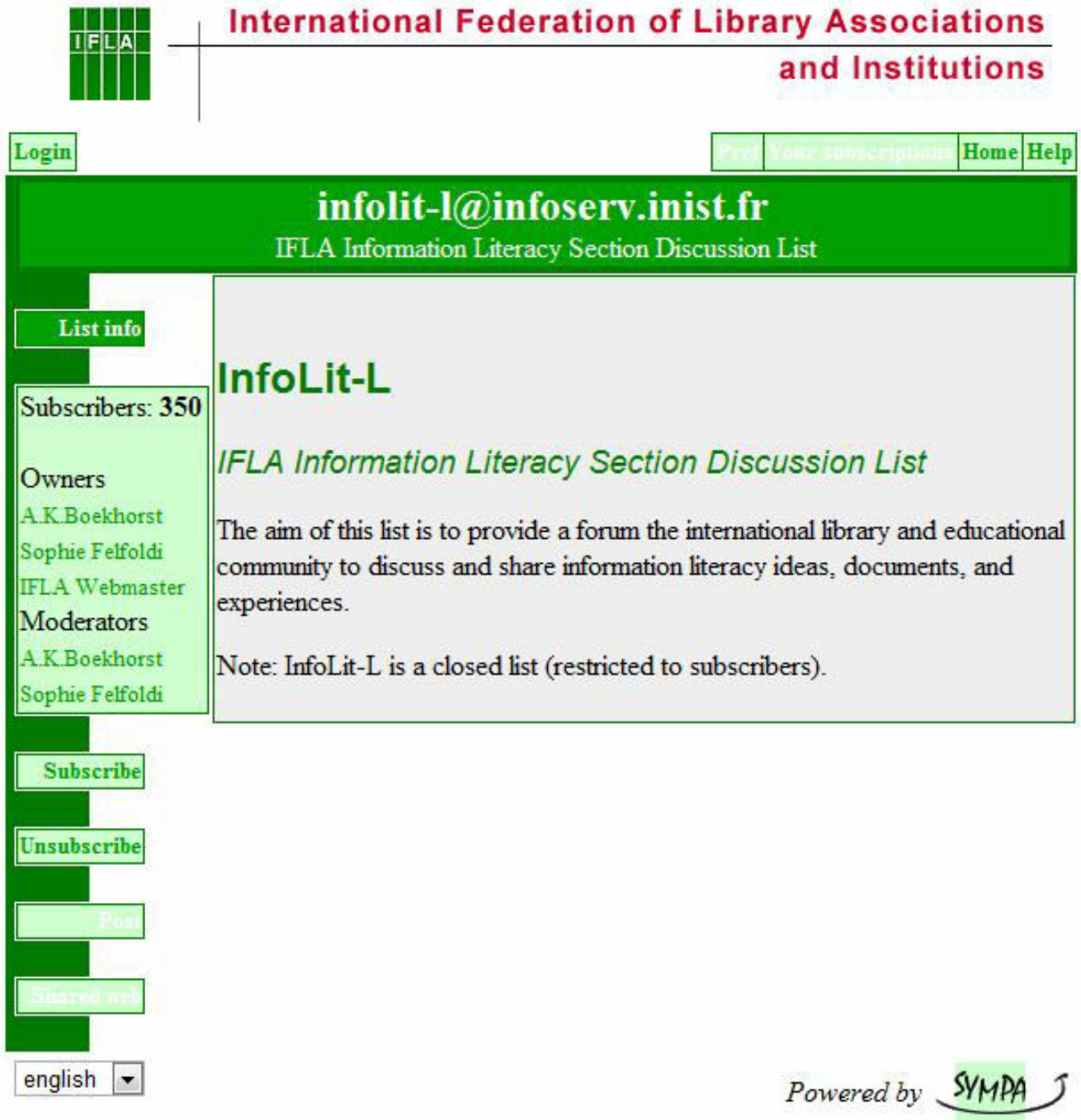
The primary purpose of the Information Literacy Section is to foster international cooperation in the development of information literacy education in all types of libraries and information institutions.

"To be information literate, a person must be able to recognize when information is needed and have the ability to locate, evaluate and use effectively the needed information" (American Library Association, 1989)

"Information literacy is the adoption of appropriate information behaviour to identify, through whatever channel or medium, information well fitted to information needs, leading to wise and ethical use of information in society." (Webber & Johnston, 2003)

Read more

Information Literacy, Sections


International Federation of Library Associations and Institutions
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IFLA Information Literacy Section Discussion List
List info
Subscribers: 350
Owners
A.K.Boekhorst
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IFLA Webmaster
Moderators
A.K.Boekhorst
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InfoLit-L
IFLA Information Literacy Section Discussion List
The aim of this list is to provide a forum the international library and educational community to discuss and share information literacy ideas, documents, and experiences.
Note: InfoLit-L is a closed list (restricted to subscribers).
english
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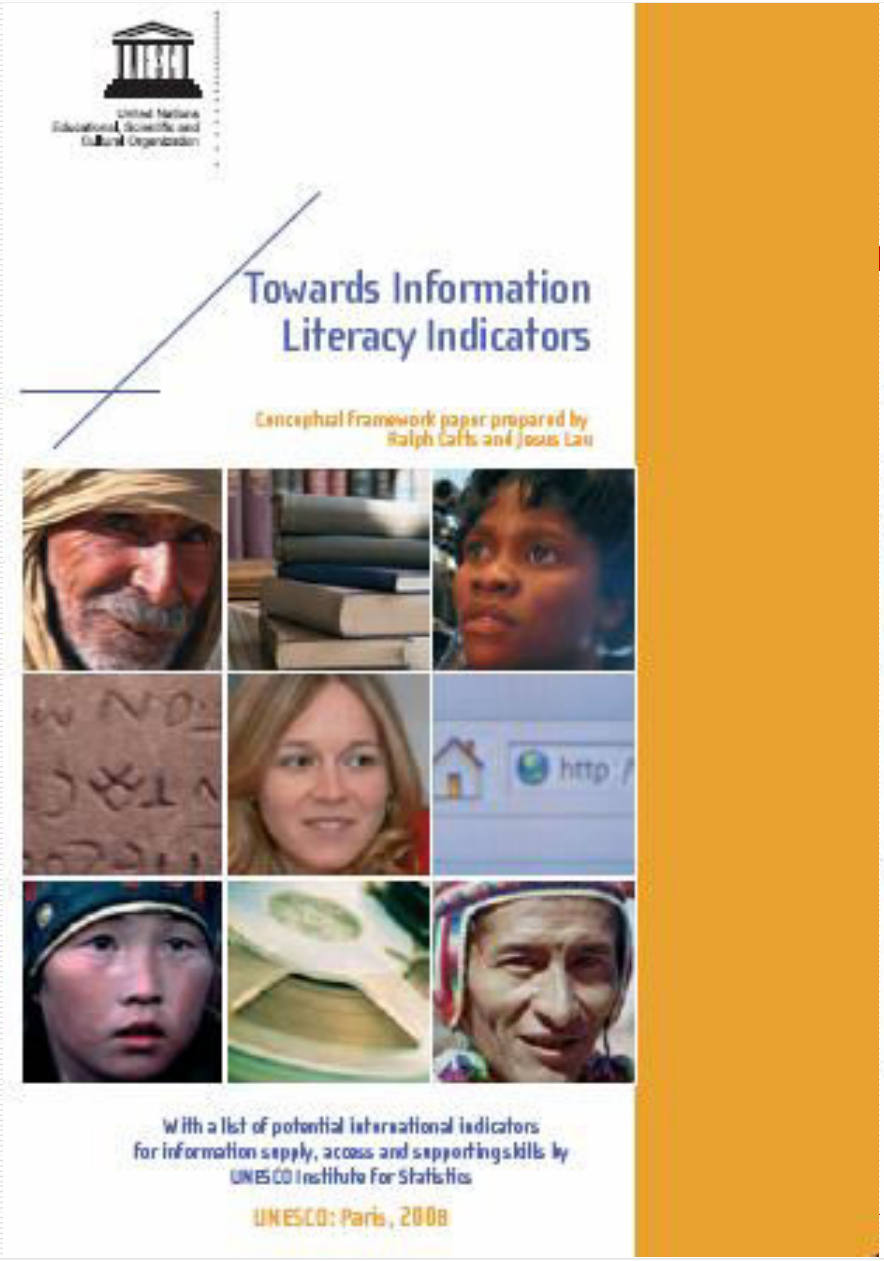
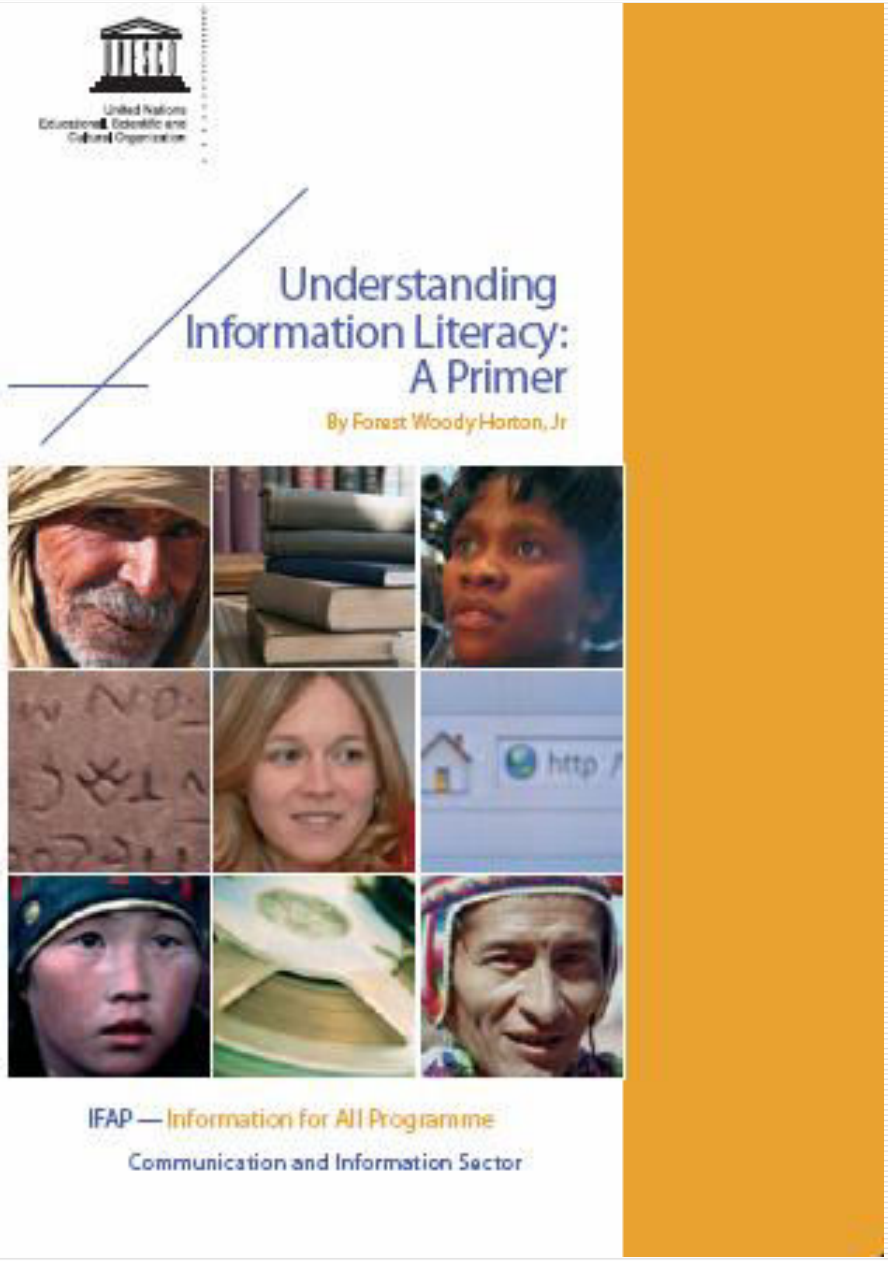
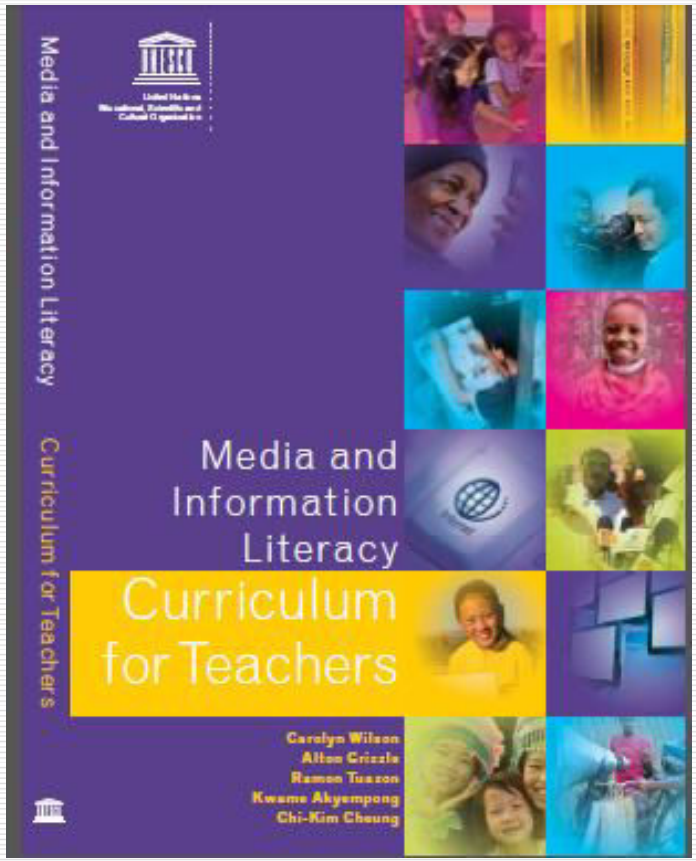

United Nations Educational, Scientific and Cultural Organization
Towards Information Literacy Indicators
Conceptual Framework paper prepared by Ralph Catts and Jesus Lau
With a list of potential international indicators for information supply, access and supporting skills by UNESCO Institute for Statistics
UNESCO: Paris, 2008


United Nations Educational, Scientific and Cultural Organization
Understanding Information Literacy: A Primer
By Forest Woody Horton, Jr
IFAP — Information for All Programme
Communication and Information Sector



http://unesdoc.unesco.org/images/0019/001929/192971e.pdf

Overview of information literacy resources worldwide

- http://www.unesco.org/new/en/communication-and-information/resources/publications-and-communication-materials/publications/full-list/overview-of-information-literacy-resources-worldwide/

ACRL Association of College & Research Libraries
A Division of the American Library Association

http://www.ala.org/ala/mgrps/divs/acrl/issues/infolit/index.cfm

welcome!

Welcome to the ACRL Information Literacy website, The ACRL Information Literacy Coordinating Committee's gateway to resources on information literacy. These resources will help you understand and apply the Information Literacy Competency Standards for Higher Education to enhance teaching, learning, and research in the higher education community.

If you are new to information literacy, you may find it helpful to begin with these links:

- Introduction to Information Literacy
- Information Literacy for Faculty and Administrators

quick links

- NEW: ACRL Information Literacy Web Site Survey
- Information Literacy Competency Standards
- Immersion Program
- Information Literacy Coordinating Committee

overview

- Introduction to Info Lit
- Info Lit in a Nutshell for Faculty
- Glossary

resources & ideas

- Info Lit in Action
- Collaboration
- Curriculum and Pedagogy
- Assessment Issues
- Global Info Lit
- Bibliographies
- Links: Related Resources

standards & guidelines

- Standards Toolkit
- Step-by-Step Tutorial
- Adapting the Standards
- Using the Standards
- Accreditation

professional activity

- Information Literacy Immersion Program
- Instruction Section
- ACRL Initiatives
- Advocate for Info Lit
- Grants
- Electronic Lists
- Information Literacy Survey

www.infolit.org

National Forum on Information Literacy

21st Century Skills

Welcome! About NFIL National Information Literacy Awareness Month Information Literacy Supporters International Alliance

Information Literacy Resources NFIL News and Events Data Center NFIL Workshops Contact

Welcome!

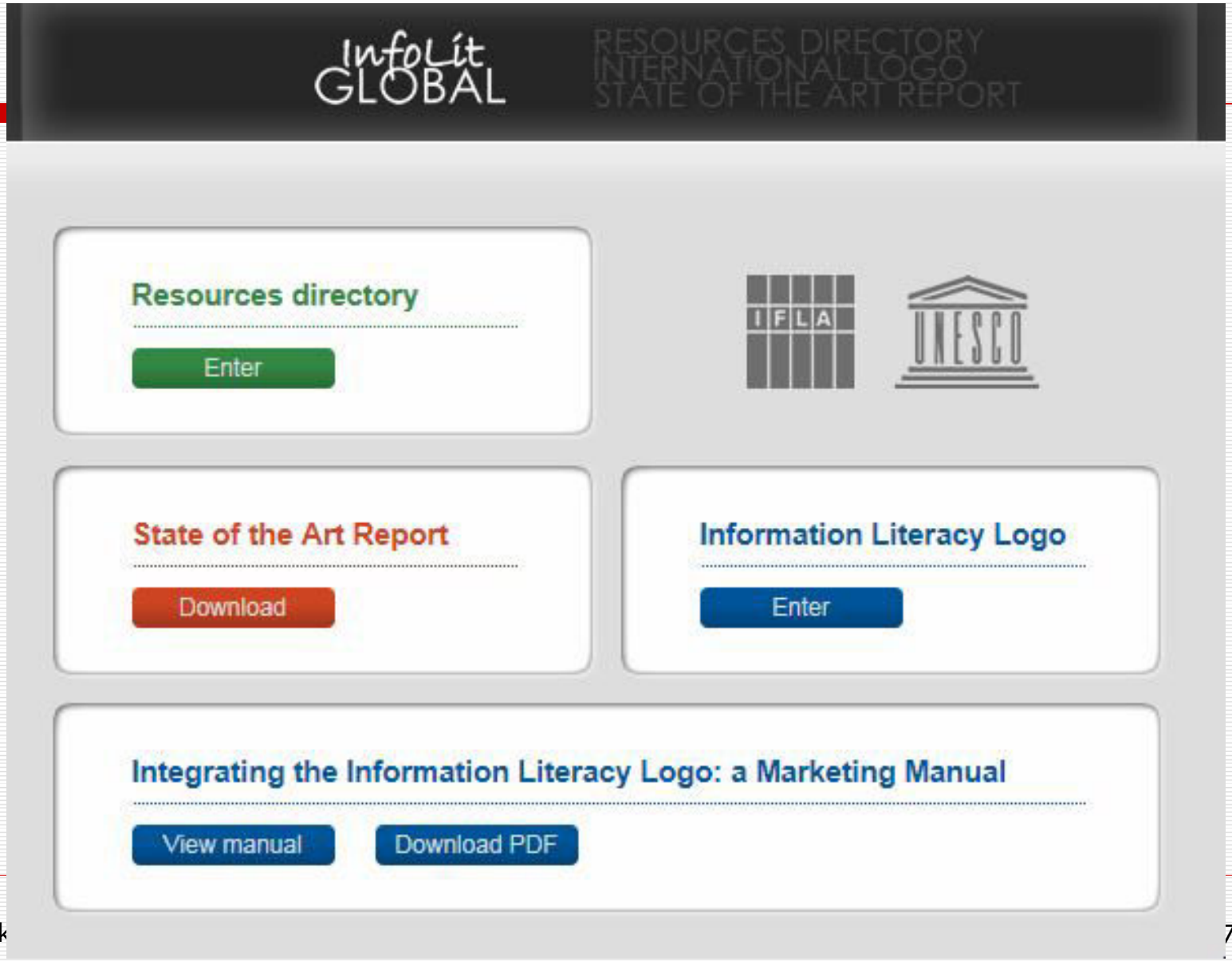
"Only those nations that become "learning societies" will be able to maintain their social and economic equilibrium in this global village where the predominant characteristics are intense competition and rapid change."

Major R. Owens, 1991

SAVE THE DATE EVENTS

National Forum on Information Literacy is pleased to announce its partnership with ProLiteracy and 21 regional and national organizations representing

http://www.infolitglobal.info/en



http://www.anziil.org

http://lilacconference.com/WP

Thank you

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