

Information Literacy and International Capacity Development Initiatives in Life Sciences: AGORA, OARE, HINARI, ARDI (Research4Life - R4L)



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Objectives

- **identify principal stakeholders**
- **describe structure of the four initiatives/programmes**
- **review past development**
- **identify activities related to information literacy**
(capacity building/development)

Four "sister" programmes

Research4Life: AGORA, OARE, HINARI & ARDI

- **AGORA (2003) – FAO (Food and Agriculture Organization)**
- **HINARI (2003) – WHO (World Health Organization)**
- **OARE (2006) – UNEP (United Nations Environment Programme)**
- **ARDI (2009) - WIPO (World Intellectual Property Organization)**

In general

public-private partnership

(UN agencies + universities + associations + technological partners + publishers + donors/foundations)

target groups:

researchers, academics, librarians, students...

Principal aims of the initiatives

- assist less developed countries in the transfer of knowledge
- facilitate access to principal information resources
- reduce knowledge gap (*UN's Millennium Development Goals - reduce the scientific knowledge gap between industrialized countries and the developing world*)
- capacity building/development and information literacy training

Eligible countries criteria

Countries (areas/territories) GNI above US\$ 1 trillion not eligible

Group A (free) any of the criteria:

- UN Least Developed Country List (**LDC**) *and/or*
- Human Development Index (**HDI**) at/less than 0.50 *and/or*
- Total Gross National Income (**GNI**) at/less than US\$ 150 billion where HDI at/less than 0.63 *and/or* Gross National Income per capita (GNIpc) at/less than US\$ 1600

Group B (fee)

- Total GNI at/less than US\$ 1 billion *and/or*
- Total GNI at/less than US\$ 20 billion where GNIpc is at or less than US\$10,000 *and/or*
- Total GNI is at or less than US\$ 180 billion where HDI at/less than 0.67 *and/or* GNIpc at/less than US\$ 5000

Some participants

Group A (free access)

- Afghanistan
- Angola
- Bangladesh
- Benin
- Bhutan
- Bolivia (Plurinational State of) ¹
- Burkina Faso
- Burundi
- Mali
- Mauritania
- Micronesia (Federated States of)
- Mongolia
- Morocco
- Mozambique
- Myanmar
- Namibia

¹ Moving from Group A to B in 2013

² Newly eligible in 2013

³ Reinstated in 2013

Group B (low-cost access)

- Albania
- Algeria
- Armenia
- Azerbaijan
- Belize
- Bosnia and Herzegovina
- Botswana ²
- Kosovo
- Marshall Islands
- Mauritius ²
- Montenegro ³
- Nauru
- Palau ²

Partners

HINARI / WHO (2002)

Publishers 167 publishers
(Adis - a Wolters Kluwer business ... World Health Organization)
4 founding partners
(Elsevier Science; John Wiley & Sons; Lippincott, Williams & Wilkins)

Societies 950 societies
(Académie des Sciences de France ... Zoological Society of Japan)

AGORA / FAO (2003)

Publishers 60 Publishers
(Adis - a Wolters Kluwer business ... University of Toronto Press)
6 Founding partners
(Elsevier Science; John Wiley & Sons; Lippincott, Williams & Wilkins; Nature Publishing Group; Oxford University Press; Springer)

Societies 180 Societies
(Acad. of Legal Studies in Business ... Zool. Society of Southern Africa)

OARE / UNEP (2006)

Publishers 59 publishers
(American Anthropological Association ... Worldwatch Institute)
32 founding partners
(American Assoc. for the Advancement of Science ... Univ. of Chicago Press)

Societies 543 Societies
(Académie des Sciences de France ... Zoological Society of London)

ARDI / WIPO (2009)

Publishers 17 publishers
(American Assoc. for the Advancement of Science ... The Comp. of Biolog.)

Many other partners:
Cornell Univ., Yale Univ.,
Microsoft, UN agencies,
donor agencies,
foundations...

HINARI / WHO (2002)

[العربية](#) | [中文](#) | [English](#) | [Français](#) | [Русский](#) | [Español](#)

HINARI
Research in Health

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HINARI Access to Research in Health Programme

HINARI Programme set up by WHO together with major publishers, enables low- and middle- income countries to gain access to one of the world's largest collections of biomedical and health literature. Up to 12,700 journals (in 30 different languages), up to 24,900 e-books, up to 70 other information resources are now available to health institutions in more than 100 countries, areas and territories benefiting many thousands of health workers and researchers, and in turn, contributing to improve world health.

[Map of country breakdown 2013](#)
 png, 123kb

Give to HINARI
 You can make a difference

Portuguese HINARI website
[HINARI site in portuguese](#)

Other Sister Programmes with

[Access to Research4Life](#)

[Access to Global Online Research in Agriculture](#)
[Brief video about AGORA](#)

News

- Bridging the information gap in agriculture
- Announcement on Research4Life Distance Learning Courses
- Research4Life Announces Winner of the Library Impact Competition
- Research4Life Reaches Milestone of 35,000 (5-Jun-2013)



New Partners in 2013

We are pleased to recognize the following new partners who have joined HINARI this year:

- African Journals Online
- British Institute of Radiology
- F1000 Research Ltd.
- Global Advances in Health and Medicine, LLC
- Lifescience Global

AGORA / FAO (2003)

[English](#) | [Español](#) | [Français](#)

Agora Main

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The AGORA program, set up by the Food and Agriculture Organization of the UN (FAO) together with major publishers, enables developing countries to gain access to an outstanding digital library collection in the fields of food, agriculture, environmental science and related social sciences. AGORA provides a collection of more than 3500 key journals and 3300 books to 2500 institutions in 116 countries. AGORA is designed to enhance the scholarship of the many thousands of students, faculty and researchers in agriculture and life sciences in the developing world.

OF INTEREST


10th anniversary of Research4Life's AGORA agricultural program
18 September 2013, Rome. African librarians win the Research4Life competition. Listen to their interviews [\[Read more...\]](#)

AGORA 10th Anniversary Celebration
16 September 2013. AGORA

USER FEEDBACK

Uganda, March 2013 As a librarian trainee at my University, it was immediately impressed upon us that the key database for our agriculture specialty was AGORA. Thank you! [\[Read more...\]](#)

Yemen, December 2012 I want to thank the staff in AGORA to let our country to access to global online research and that led to developing the education in poor countries. [\[Read more...\]](#)




Click on the LOGIN button to access the full-text Journals

[See new video on the impact of AGORA in Burkina Faso.](#)

[Click here to view a brief video about AGORA.](#)

Other sister programs with:





NEW – Contest highlights impact of collaboration between Research4Life and Librarians to power effective research [Read more](#)


OARE / UNEP (2006)


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中文 | Español | Français


 United Nations Environment Programme
environment for development


 Climate Change

 Disasters & Conflicts

 Ecosystem Management

 Environmental Governance

 Harmful Substances


 Resource Efficiency

OARE
RESEARCH IN THE ENVIRONMENT

Login

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Build the capacity of environmental professionals to manage fragile ecosystems, protect human health, and manage natural renewable resources more sustainably




Join Our Network

Welcome
Online Access to Research in the Environment (OARE) is led by the United Nations Environment Programme (UNEP) in partnership with major publishers. The programme enables developing countries to gain access to one of the world's largest collections of

Latest News
Research4Life: Distance learning: - The courses will be taught from 21 September to 25 October via the ITOCA Moodle Server. Send your registration request to: moodle@itoca.org

Partners


ARDI / WIPO (2009)



RESOURCES

WORLD INTELLECTUAL PROPERTY ORGANIZATION

ABOUT WIPO
IP SERVICES
PROGRAM ACTIVITIES
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Home > IP Services > Patents > Access to Research for Development and Innovation (ARDI)

ACCESS TO RESEARCH FOR DEVELOPMENT AND INNOVATION (ARDI)

About ARDI

Journals

Books

Reference works

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RELATED LINKS

Development Agenda

Patents

ASPI

ARDI

Research for Innovation

The Access to Research for Development and Innovation (ARDI) program is coordinated by the World Intellectual partners in the publishing industry with the aim to increase the availability of scientific and technical information to scholarly literature from diverse fields of science and technology, ARDI seeks to:

- reinforce the capacity of developing countries to participate in the global knowledge economy; and
- support researchers in developing countries in creating and developing new solutions to technical challenges.

Currently, 17 publishers provide access to nearly 10,000 journals, books, and reference works for 107 developing countries.

NEWS ON ARDI

- [Winner of "Unsung Heroes" library impact competition announced](#) (Jul 1, 2013)
- [Research4Life reaches the milestone of 35,000 free and low cost peer reviewed resources for developing countries](#) (Mar 11, 2013)
- [Research4Life announces contest highlighting library impact on research in developing countries](#) (Mar 11, 2013)
- [Canadian Science Publishing becomes a publisher partner of ARDI](#) (Dec 18, 2012)
- [Research4Life Publisher Partners Commit to Free and Low Cost Access through 2020](#) (Nov 15, 2012)

IL skills training in R4L

Major subject	Content
Authentication	Login, user names/passwords, protocols
Bibliogr. elements	Secondary / primary / fulltext sources Titles, abstracts, keywords
Databases	CAB Abstracts, PubMed (Medline), Environment Index (EBSCO), Scopus
Search & Browsing techniques	Syntax/query; search criteria; Boolean logic, truncation, phrases; key concepts; basic/advanced search; search (wizard) boxes; specific fields (years, titles, languages); refining results (checking boxes, search limits) Browsing by journal title A-Z lists, classification; subject categories
Downloading	Extraction of information; chapters; articles; fulltext (html/pdf)
WWW search	Google vs. Google Scholar (Boolean logic on the WWW)
Copyrights	Etiquette; institutional policies; intellectual property; allowed downloading; using approved passwords; dissemination of materials
Authorship skills	Structured scientific writing; composition of a paper; styles; plagiarism; citations/reference management; submission/peer review

HINARI – training (modules)

Training modules

These modules are the components of the 'Train the Trainers' course. The material is comprehensive overview of the program.

Each module contains a presentation and practical exercises.

Module 1. HINARI: The Beginning

Basic Internet Concepts; E-Resources & Internet Searching; Health Internet Information

Module 2. HINARI Website Interface & Resources

Registration & Login, Finding Journals, Articles and other Full-text Resources

↓ Module 3. HINARI Eligibility Registration - updated 02 2013

📎 ppt, 1.65Mb

Module 4. HINARI/PubMed

Website Interface; Using Limits; MeSH; History, Access to Full-text articles; My NCBI

Module 5. Using Reference Management Softwares

Mendeley, EndNote Web and Zotero Reference Management softwares

Module 6. HINARI Next Steps

Tools for using the HINARI resources at your institution: Marketing Strategies for HINARI; Training Users on HINARI; Repackaging Health Information; Strategies for Managing Change for HINARI

Module 7. HINARI Additional Resources

Other HINARI resources including Evidence-based practice and E-books plus Information Literacy and WHO Resources

Module 8. HINARI Template for Group B countries

Suggested changes for workshops where some of the HINARI resources are not available

Tip of the month

– PubMed update

HINARI Trainers Photo Album [📖](#)

Information Training and Outreach
Center for Africa (ITOCA)



ITOCA training material [📖](#)

Contact HINARI

World Health Organization

HIS/KMS/LNK

HINARI

20, Avenue Appia

CH-1211 Geneva 27

Switzerland

Fax: +41 22 791 4150

hinari@who.int

HINARI – training (e.g. Authorship skills 1)

Authorship skills

HINARI Authorship Skills

Modules developed to assist authors in HINARI eligible countries; includes 'How to Write a Scientific Paper/Structured Abstract', 'Copyright and Plagiarism', 'Strategies of Effective Writing' and a 'Web-Bibliography'.

The initial HINARI training package was a collaboration between TDR, HINARI, the National Library of Medicine (USA), Yale University Cushing-Whitney Medical Library (USA) and Paterson Institute for Cancer Research, Manchester (UK). Since 2007, the training package has been revised and expanded with the support of a grant from the Elsevier Foundation to the Librarians Without Borders®/Medical Library Association (USA) E-Library Training Initiative.

Programme > HINARI Training Materials

HINARI – training (e.g. Authorship skills 2)

Authorship Skills



Share



Print

↓ Authorship Skills Overview - updated 08 2010
📄 doc, 33kb

Module 1

↓ Authorship Skills How to Write a Scientific Paper - updated 09 2011
📄 ppt, 1.77Mb

↓ Authorship Skills How to Write a Scientific Paper Workbook Activities - updated 08 2011
📄 doc, 333kb

↓ Authorship Skills How to Write a Scientific Paper Workbook Activities AGORA and OARE - updated 08 2011
📄 doc, 333kb

The exercises in this document are for HINARI, AGORA and OARE users.

Module 2

↓ Authorship Skills Intellectual Property - updated 04 2011
📄 ppt, 1.14Mb

↓ Authorship Skills Intellectual Property Workbook Activities - updated 08 2009
📄 doc, 35kb

Module 3

↓ Authorship Skills Strategies for Effective Writing - updated 04 2010
📄 ppt, 943kb

↓ Authorship Skills Strategies for Effective Writing Workbook Activities - updated 04 2010
📄 doc, 43kb

AGORA - training (general)



Agora Main

About Agora

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- Eligibility
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- Privacy Policy
- Partners

Journals

- By subject category
- By title
- By publisher
- Complete list

Training

The training materials can be used as a part of a course

1. Exercises
2. Handouts
3. Presentations
4. AGORA Short Course

AGORA - training (exercises)

Exercises

01. Getting the Most from your Browser (MIE)

- [Advanced Worksheet](#) [,.pdf 83.34 KB]
- [Basic Worksheet](#) [,.pdf 55.88 KB]

02. Hardware and Software Requirements

- [Group discussion](#) [,.pdf 101.8 KB]

03. Electronic Library Resources: Introduction and Overview

- [Group discussion](#) [,.pdf 97.46 KB]

04. How to Use AGORA: Effective Strategies and Techniques

- [Participant's worksheet: Hands-on exercises and Group discussion](#) [,.doc 41.5 KB]

05. CAB Abstracts

- [Participant's Worksheet-Hands-on exercises](#) [,.doc 37.5 KB]

06. Publishers' Website Features

- [Hands-on exercises and Group discussion](#) [,.doc 48 KB]

07. Publishers' Website Features

- [Participant's Worksheet-Hands-on exercises](#) [,.doc 40 KB]

08. Other Electronic Resources

- [Participant's Worksheet-Hands-on exercises and Group discussion](#) [,.doc 40 KB]

09. Training Users on AGORA

- [Group discussion](#) [,.pdf 89.62 KB]

AGORA - training (e.g. CABA, bibliographic databases)

AGORA: Workshop Exercises and Activities

Exercise 5: CAB Abstracts

Participant's Worksheet-Hands-on exercises

In this session we will work as individuals or in pairs (depending on the number of participants and terminals available) and use the computers to practise using CAB Abstracts.

Document Notes

Author ITOCA

Date Last updated 31 October 2012

Summary

On completion of this session the learner will have:

1. Access full-text via CAB Abstracts
2. Refine search using key word search
3. Use of the search wizard

Step 1

1.1. Exercise explained

With the guidance of the facilitator, individuals or pairs of workshop participants will work using the computer lab to practice navigating, retrieving citations, and utilising CAB Abstracts. Users should record the answers to any questions in the spaces provided on the handout. A short report back and discussion of using the resources will be conducted at the end of the session.

Hands-on duration: 20 minutes,
Report back and discussion: 10 minutes.

OARE - training (general)

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Training Materials

Below, you can find training modules that help you learn not only how to open journals and download full-text articles from the OARE website, but also how to use OARE's search databases to find articles about specific topics in thousands of scientific journals from major publishers around the world.

- **Introduction to OARE (July 2013)**
Format : PowerPoint (3.4 MB)
: PDF (2.6 MB)
Language: English
- **OARE Module 1: Introduction, Website and Training Material (July 2013)**
Format : PowerPoint (5.8 MB)
: PDF (4.6 MB)
Language: English
- **OARE Email addresses (July 2013)**
Format : PowerPoint (0.7 MB)
: PDF (1 MB)
Language: English
- **OARE Access Problems and Solutions for Full-text Articles (July 2013)**
Format : PowerPoint (0.7 MB)
: PDF (1 MB)
: Word (8.8 MB)
Language: English
- **OARE Overview for Presentations at Registered Institutions (July 2013)**
Format : PowerPoint (4.2 MB)
: PDF (3.4 MB)
Language: English
- **OARE Short Course (July 2013)**
Format : PowerPoint (9.9 MB)
: PDF (7.2 MB)
Language: English
- **OARE Short Course (July 2013)**
Format : PowerPoint (0.3 MB)
: PDF (0.5 MB)
Language: English

Partners



HINARI

Training Materials

Conclusions

- R4L: excellent, authoritative information resources
- Unique collaborative endeavor: empowering individuals and institutions in less developed countries
- Limitations: *researchers frequently not aware/not able to use, computers/connectivity, lack of trained information professionals*
- Capacity development and IL training - an indispensable element in the R4L initiatives, e.g. training of trainers
- Great opportunity for libraries
- Inclusion of IL into curriculum ("**ready to use**" sources are available, as well as training materials)
- Training materials: most elements of the *Information Literacy Competency Standards for Higher Education (ALA)*
- Enhancing local, regional AND global knowledge



Access to Global Online Research in Agriculture

O'zbekiston, 2005



Toshkent, Samarqand
Iyun 2005

