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# How to find bibliographic sources for scientific research and communication.

## A guide for the PhD course of Scientific Communication, UANL- FOD

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# First steps

**Before you conduct any bibliographic research you must follow some of these steps:**

- 1. You must have written down your research topic in mind**
- 2. You must break this topic into several keywords**
- 3. You must think of some possible sources**

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# How to choose a research topic

**For the sake of this guide practice you will use the same topic of your PhD research proposal you did when you entered the FOD PhD. But certainly you can do research about anything you think of.**

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# Bibliographic sources /1

**Assure yourself that most or all  
bibliographic sources you use be  
validated by information scientists  
or librarians (e.g. the science is:  
Library and Information Science),  
these mostly appear as:**



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# Bibliographic sources /2



## 1. Most bibliographic materials within FOD or any other UANL library premises.

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# Bibliographic sources /3

- 2. Most pay-per-access materials accessible through UANL web services such as DGB (which stands for General Directorate of Libraries at UANL)**

<http://www.dgb.uanl.mx/> .

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# Bibliographic sources /4

**3. Most Open Access free of charge materials such as: (in English): DOAJ, SciELO; (in Spanish and Portuguese): REDALYC (to mention but a few).**

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# Bibliographic sources /5

4. **Some materials from a mixture of free-of-charge and pay-per-access such as Google Scholar (aka Google Académico in Spanish which is the same platform).**

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# FOD and other UANL library premises.



**This must be the first stop for your bibliographic research and for this matter for any of your library information needs. You must be cognizant of where FOD and other major UANL libraries are located such as: Capilla Alfonsina and Raul Rangel Frias (aka “magna”).**

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# FOD library

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The screenshot shows the website [www.fod.uanl.mx/index.php?option=com\\_content&view=article&id=69&Itemid=69](http://www.fod.uanl.mx/index.php?option=com_content&view=article&id=69&Itemid=69). The page has a dark blue header with the title "Biblioteca" and navigation icons. The main content area is divided into several sections:

- HISTORIA**: A paragraph describing the library's history, mentioning its inauguration in 1976 and its dedication to the community.
- ACERVO**: A paragraph stating the library has a collection of 1,000 volumes and serves a community of 1,200 people.
- SERVICIOS**: A list of services offered, including in-library loans, home loans, photocopying, and study rooms.
- BUSQUEDA DE INFORMACION**: A paragraph explaining the electronic catalog and digital library services available.

On the right side, there is a "Trámites y Servicios" menu with links to: Biblioteca, Centro de Negocios, Intercambio Académico, Educación Continúa, Servicio Social, Educación a Distancia, Titulación, and Tutorías. Below this is a "Servicios en línea" section featuring logos for SIASE, Nexus, CODICE, and unibolsa. The bottom of the page shows a Windows taskbar with the time 01:13 a.m.

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# General Directorate of Libraries UANL (DGB)



**You must be cognizant with the virtual location of the**

**DGB (which stands for General Directorate of Libraries at UANL) <http://www.dgb.uanl.mx/>**

**but as well with its physical location at the Raul Rangel Library premises.**

**You can have full access to all DGB services within any UANL premises, but if you want to log on from home, then you need to get user-name & password personally from the DGB premises.**

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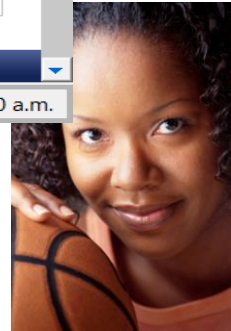


# DGB-UANL

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The screenshot shows the website [www.dgb.uanl.mx](http://www.dgb.uanl.mx) in a browser window. The page features a yellow header with the UANL logo and the text "Dirección General de Bibliotecas". A dark blue navigation bar contains links for INICIO, CONÓCENOS, BIBLIOTECA DIGITAL, BIBLIOTECAS, HERRAMIENTAS, and PORTAL UANL. The main content area has a banner with the text "Consulta los catálogos de las bibliotecas UANL" and a sub-header "Consulta de libros, tesis, mapas, artículos y otros tipos de documentos de la UANL en línea." Below the banner are several small thumbnail images. A "Noticias" section on the left lists three news items with dates: "Nuevas bases de datos disponibles en Biblioteca Digital UANL." (27/01/2012), "BURRF inicia con el servicio de libro alquilado." (25/01/2012), and "El Museo y Biblioteca Digital del Deporte abre sus puertas al conocimiento." (25/01/2012). A "SciFinder" news item is dated 19/01/2011. On the right, a sidebar contains a "Preguntas frecuentes" section and four menu items: "Bases de Datos", "Boletín Biblios", and "Capacitación para Bibliotecarios". The footer of the website repeats the navigation links. The browser's taskbar at the bottom shows the system tray with the date and time "01:10 a.m." and the language set to "ES".

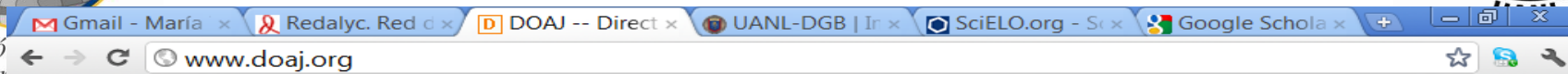
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# DOAJ

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## DOAJ DIRECTORY OF OPEN ACCESS JOURNALS



English

Free, full text, quality controlled scientific and scholarly journals, covering all subjects and many languages

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- Journals added last 30 days

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### Journals

Search journals

### Articles

More than one word in a field will be treated as phrase.

All Fields

and or not

All Fields

Search articles

### NEWS

24/10 2011: DOAJ site available in Greek

19/10 2011: DOAJ Promotion material available for OA Week

15/9 2011: 7000 journals and the DOAJ site in Turkish

27/6 2011: Article about OA publishing

9/6 2011: DOAJ site now also in French

18/4 2011: DOAJ listed as one of 20 Useful Specialty Search Engines for College Students

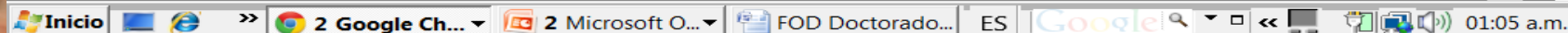
### News Archive

### DOAJ AS OF TODAY

7459 journals

3590 journals searchable at article level

750805 articles



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# SciELO

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www.scielo.org/php/index.php?lang=en

portugués | español | Contact

## SciELO

Scientific Electronic Library Online

**Services on Demand**

login for services on demand

**SciELO Network**

- About SciELO
- Bibliometric Indicators
- Access via WS, OAI and RSS
- SciELO Regional
- New Services Platform from BVS and SciELO network

**SciELO Network**

About SciELO

Bibliometric Indicators

Access via OAI and RSS

Old Portal SciELO.org

**collections**

- Argentina
- Brazil
- Chile
- Colombia
- Costa Rica
- Cuba

**Search article**

method:  Entry one or more words where:  Search

**Browse journals**

Search by journals

Entry one or more words

**By alphabetic list - all**

A B C D E F G H I J K  
L M N O P Q R S T U V  
Z

**By subject - all**

- Agricultural Sciences
- Applied Social Sciences
- Biological Sciences
- Chemistry
- Engineering
- Exact and Earth Sciences
- Geosciences
- Health Sciences

**SciELO in numbers**

- Site usage
- Citations
- Co-authors

**921 Journals**

**23,386 Issues**

**347,904 Articles**

**7,374,206 Citations**

**New**

Last Update - 06/feb/2012

**91 Issues**

- By subject
- By collection

**Twitter**

SciELO **redesciolo**

**redesciolo** Veja antecedentes e acompanhe o movimento na página wiki - <http://t.co/zRTepsQA> 19 hours ago · reply · retweet · favorite

**redesciolo** Acesso aberto ganha novo impulso no meio acadêmico com boicote à Elsevier por cientistas por meio de abaixo assinado <http://t.co/sxEMOqSa> 19 hours ago · reply · retweet · favorite

**redesciolo** Termina dia 31 de Janeiro consulta pública para o plano sobre biodiversidade. 10 days ago · reply · retweet · favorite

Join the conversation

**Press Releases**

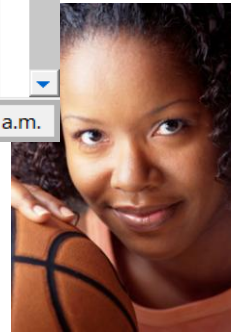
Patterns of distribution and abundance of larval hosiichthyidae (Actinopterygii, Stomiiformes) in southeastern Brazilian waters

Biotic integrity of Cerrado streams

Amazon floodplain lakes: seasonal changes in quality is potentially harmful to human

Windows taskbar: Inicio, 2 Google Chrome, 2 Microsoft Office, FOD Doctorado..., ES, Google, 01:07 a.m.

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# REDALyC

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**SISTEMA DE INFORMACIÓN CIENTÍFICA REDALYC**  
RED DE REVISTAS CIENTÍFICAS DE AMÉRICA LATINA Y EL CARIBE, ESPAÑA Y PORTUGAL

**redalyc.org**

*Una ventana de acceso abierto al conocimiento iberoamericano*

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**758**  
REVISTAS  
CIENTÍFICAS

**17,768**  
NÚMEROS

**221,303**  
ARTÍCULOS A  
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  - Por país
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**Consulta por área**

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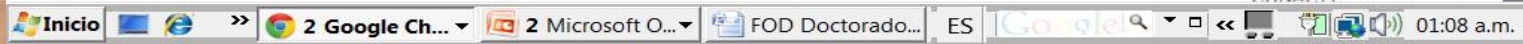
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SAIGE Acceso

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  - CONACYT



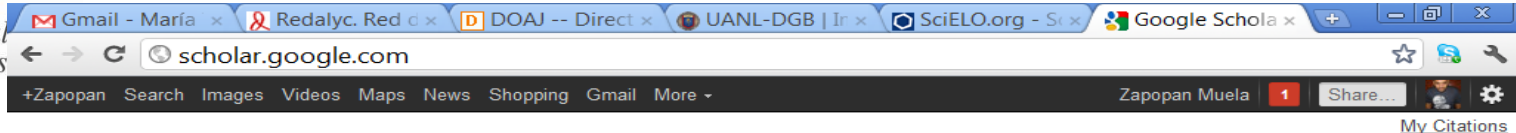
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# Google Scholar



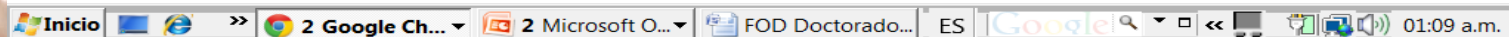
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