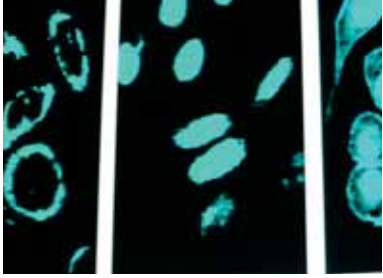
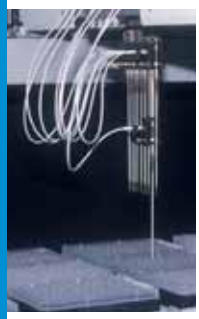
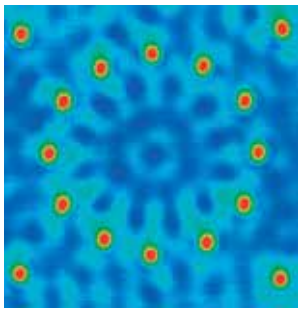
GLOBAL ETHICS OBSERVATORY

SCIENCE & TECHNOLOGY



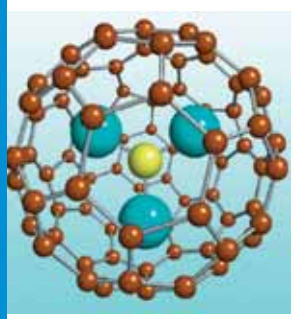




ETHICS EXPERTS WHO'S WHO?

ETHICS INSTITUTIONS

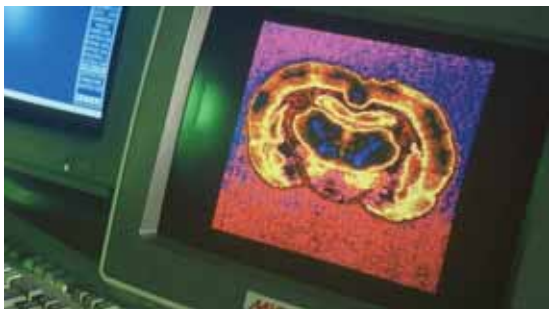
ETHICS TEACHING PROGRAMMES

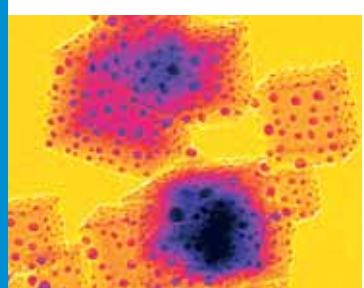


CODES OF CONDUCT

ETHICS RELATED LEGISLATION & GUIDELINES

CONTRIBUTIONS TO GEObs





INTERACTIVE GEOGRAPHICAL SEARCH

GEObs

UNESCO

United Nations Educational, Scientific and Cultural Organization

Design & Production: Julia Cheftel

Photos, courtesy of:

UNESCO/Niamh Burke, Dominique Roger, Serge Daniel

Morguefile.com/Daniel Wildman, Clara Natoli, Arturo Delfin

National Institute of Standards and Technology

European Commission

Luna Innovations

WHO/P Virot

UN Photo/Tim McKulka

Sandia National Laboratories, SUMMIT™ Technologies
www.mems.sandia.gov

NASA Center for Nanotechnology

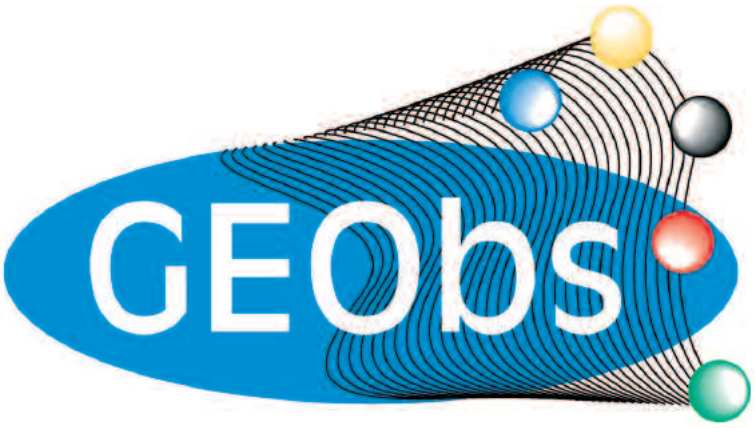
Réseau d'Imagerie Parisien

Printed by: GRAPH 2000, France

Paper: Condat Gloss

EST/GEOBS/2007/1
UNESCO © 2007

GLOBAL ETHICS OBSERVATORY



www.unesco.org/shs/ethics/geobs

Division of Ethics of Science and Technology
Sector for Social and Human Sciences
United Nations Educational, Scientific and Cultural Organization (UNESCO)

United Nations
Educational, Scientific and
Cultural Organization

INTRODUCTION

The Global Ethics Observatory (GEObs) is a system of databases with worldwide coverage in bioethics and other areas of applied ethics in science and technology such as environmental ethics, science ethics and technology ethics. The observatory maps existing ethics infrastructures around the world, and is designed as a collaborative, consultative and comparative tool for the purposes of:

- Building capacity for ethical decisions and actions in science and technology at the national, regional and global levels by facilitating the creation of linkages among policy-makers, ethicists, researchers, scientists, civil society and the private sector. This is particularly important for countries looking to reinforce their ethics infrastructure, and also for people and institutions looking for partners, especially in developing countries.

- Focusing UNESCO's current and future capacity building activities for ethics of science and technology in areas of need.

- Establishing a comprehensive and reliable baseline for measuring the actualisation of UNESCO's programme in ethics of science and technology, including related UNESCO normative instruments.

The GEObs currently consists of the following databases:

- **Database 1:**
  Who's Who in Ethics (Ethics Experts)

- **Database 2:**
  Ethics Institutions

- **Database 3:**
  Ethics Teaching Programmes

- **Database 4:**
  Ethics Related Legislation and Guidelines

- **Database 5:**
  Codes of Conduct

These databases collectively provide a valuable resource hub of ethics activities, thus establishing a crucial platform upon which UNESCO can support and advance such activities around the world.

New databases are in planning, and would come online in the future.

In addition to a search function for each database, the system also provides users with an **Interactive Geographical Search** option. These search functions are outlined in more detail in this booklet.

The system is freely accessible online to the general public at:
www.unesco.org/shs/ethics/geobs

It was officially launched in December 2005, and has since been continuously expanded and updated by UNESCO.

From the GEObs Home Page (see Figure 1), users are able to access the different databases by clicking on the associated buttons or links. Within the system, the databases are designated as GEObs1, GEObs2, GEObs3, GEObs4 and GEObs5 respectively. A button for the Interactive Geographical Search option is also available on this page.

The GEObs databases are available in the six official languages of UNESCO: Arabic, Chinese, English, French, Russian, and Spanish. Users are able to switch between the languages by using the Language Selection Tool (see Figure 2) located on the top right hand corner of all GEObs screens.

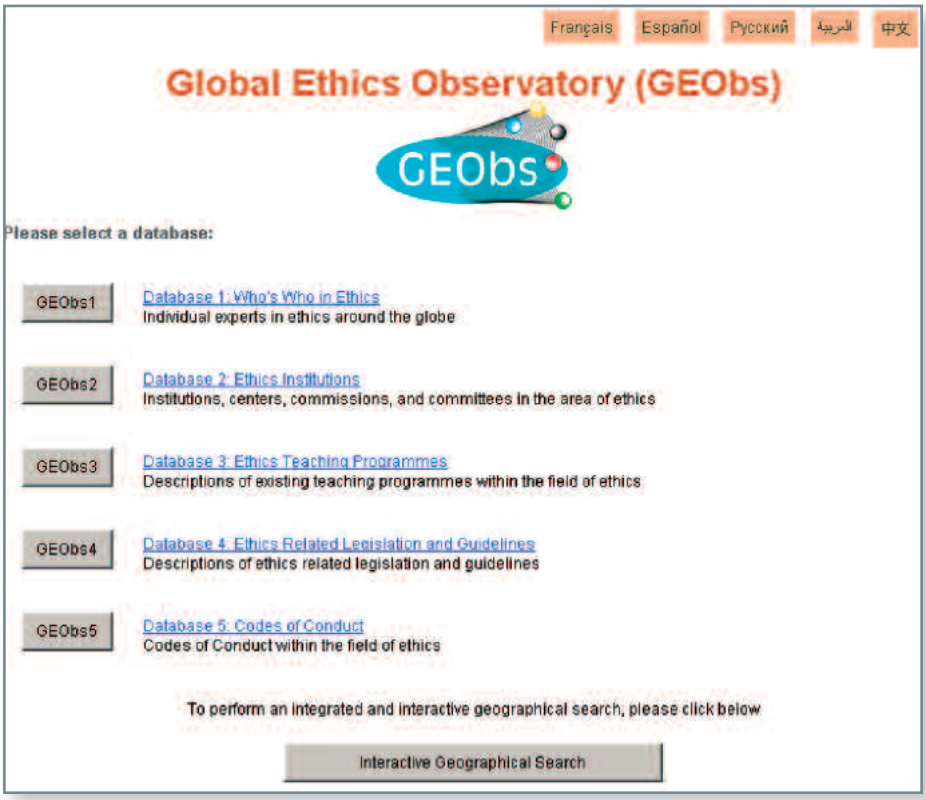


Figure 1: GEObs Home Page

Figure 2: GEObs Language Selection Tool

ETHICS EXPERTS WHO'S WHO?

The Who's Who in Ethics database is a compilation of information regarding ethics experts around the world. Experts are determined via a peer review process, based on a combination of factors, including the quality and focus of recent publications in ethics of science and technology; involvement in ethics-related activities; involvement in ethics of science and technology research projects; and the level and extent of ethics component in the individual's educational and professional background. This database seeks to efficiently connect specific needs and requests to the appropriate experts, as well as to encourage collaboration among experts at the local, regional and international levels.

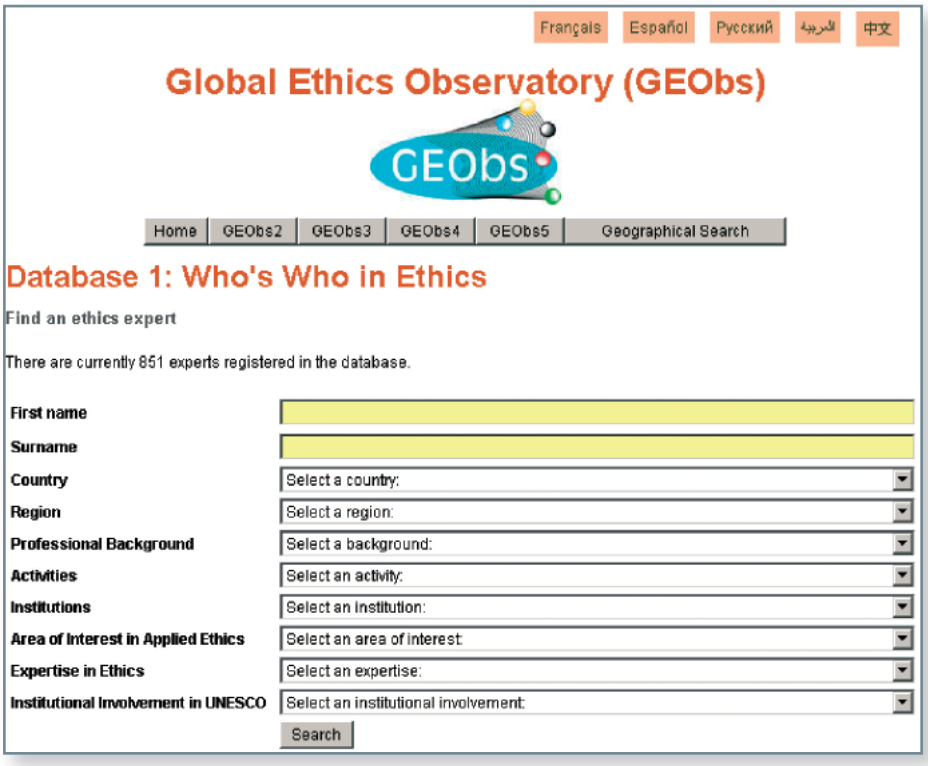


Figure 3: GEObs1 Search Tool

SEARCH TOOL

With the GEObs1 Search Tool (see Figure 3), users are able to search for experts within the database using one or more of the following criteria:

- Name
  (text search by First name or Surname)
- Country
  (UNESCO member and observer states)
- Region (UNESCO regions)
- Professional background
  (e.g. Medicine, Nursing, etc.)
- Activities in Ethics
  (e.g. Teaching, Research, etc.)
- Affiliated Institutions
  (e.g. NGO, University, etc.)
- Areas of Interest in Applied Ethics
  (e.g. Medical Ethics, Nursing Ethics, etc.)
- Expertise in Ethics
  (e.g. Bioethics, Environmental Ethics, etc.)
- Institutional Involvement in UNESCO
  (e.g. Member IBC, Member COMEST, etc.)

Figure 4: GEObs1 Search Results Page

SEARCH RESULTS

On the Search Results Page (see Figure 4), entries found are displayed in pages and users are able to:

- View the data of a particular entry found (see Figure 5)
- Sort results by Surname or Country
- Navigate between pages of search results
- Manipulate the number of entries to be displayed per page
- Change existing search criteria
- Initiate a new search
- Navigate between different databases or return to Home Page

VIEW PAGE

When users click the "View" link on the Search Results Page, a View Page is generated as a pop-up window. On this page, data of a particular ethics expert is displayed. This includes:

- Full Name of Expert
- Title
- Workplace and Function
- Contact Information
- Professional Background
- Activities in Ethics
- Institutional Affiliations
- Expertise in Ethics
- Areas of Interest in Applied Ethics
- Institutional Involvement in UNESCO
- Current Research Projects
- Recent Publications (Journals, Chapter in Books, Books)

On this page, the options to Print and Email Data are also available to users.

The **Print function** will generate a PDF file, which can either be saved to a local drive or be sent to a printer.

The **Email Data function** will generate an email with a hyperlink to the specific entry, sent to an email address of the user's choosing.

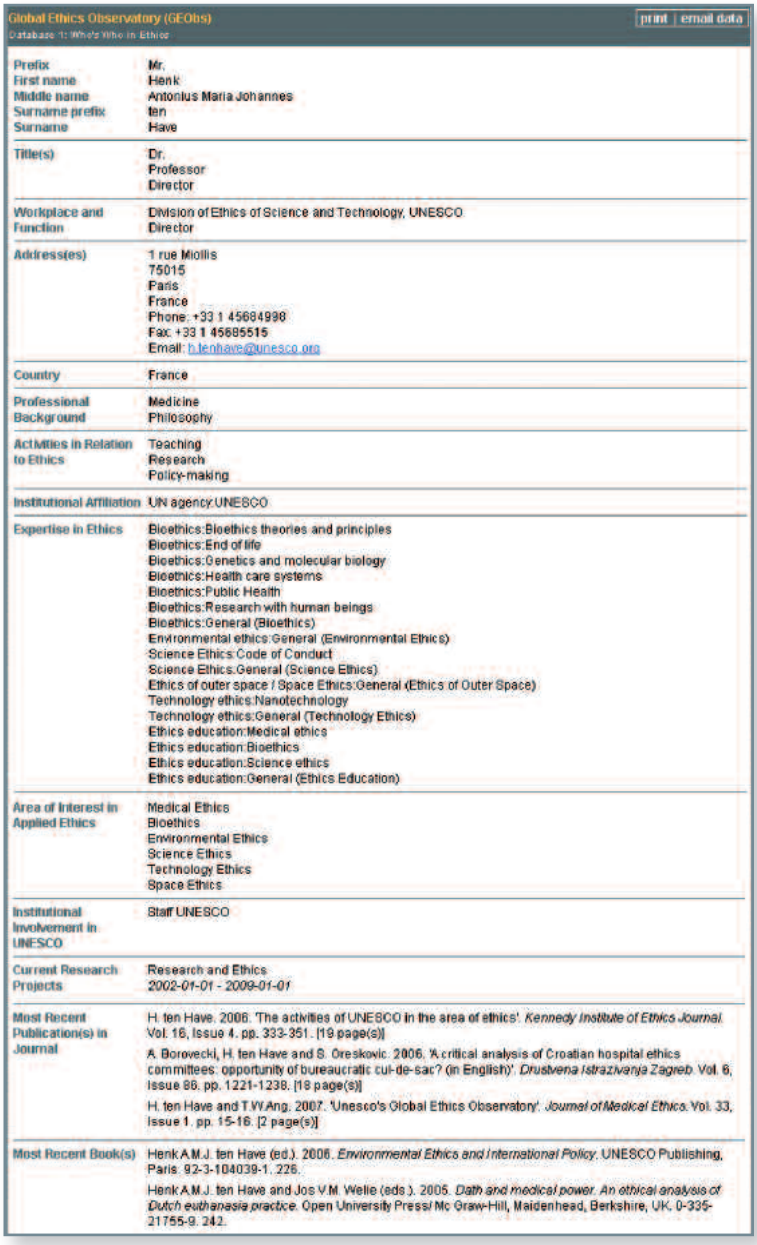


Figure 5: GEObs1 View Page

ETHICS INSTITUTIONS

The Ethics Institutions database provides information on departments, institutes, centres, commissions, councils, committees, review boards, societies, associations and other relevant entities in the area of ethics of science and technology. Institutions within the database have been validated against their mission, activities and publications as a confirmation of their active involvement in the field of ethics of science and technology. This database provides a platform for connecting institutional expertise to specific needs, and for exchanging expertise and experiences among institutions.

SEARCH TOOL

The GEObs2 Search Tool (see Figure 6) enables users to search for ethics institutions using one or more of the following criteria:

- Region or Country
- Type of Organization
  (selecting a type will unlock further search options as follow: Type of Institution, Level of Operation, Founding Institution, Membership Composition, Meeting Frequency and Type of Secretariat)
- Foundation Date
- Areas of Applied Ethics
  (e.g. Ethics and Law, Food Ethics, etc.)
- Activities
  (e.g. Advocacy, Case Consultation, etc.)

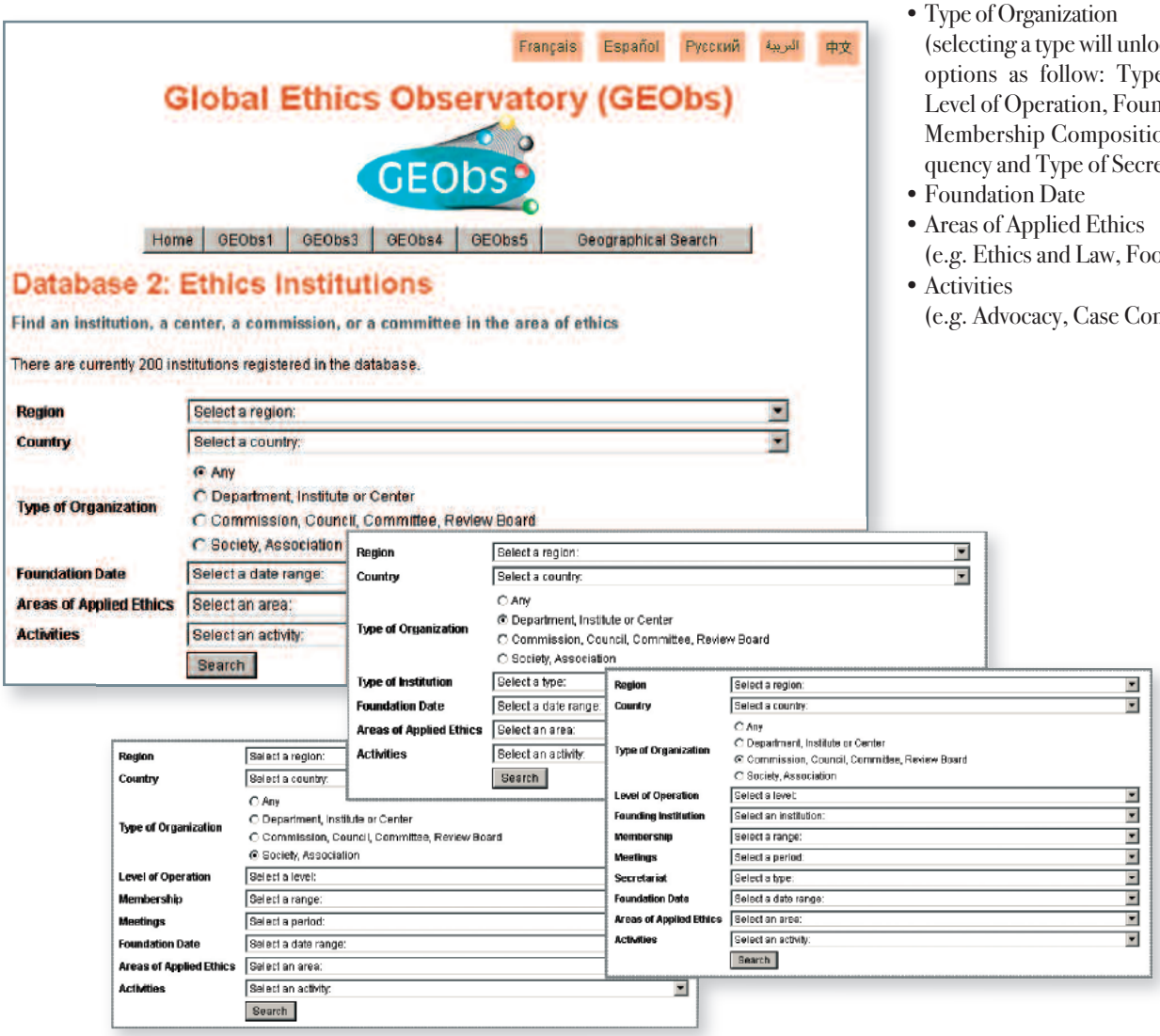


Figure 6: GEObs2 Search Tool

SEARCH RESULTS

The GEObs2 Search Results Page (see Figure 7) contains all the features outlined previously, and entries can be sorted by Official Name and Country Classification.

VIEW PAGE

The GEObs2 View Page contains the following information:

- Official Name of Institution
- Contact Information
- Website (if available)
- Type of Organization and associated data, such as Type and Name of Founding Organization, Scope of Operation, Number of Members, Meeting Frequency and/or Type of Secretariat
- Foundation Year
- Head of Organization
- Areas of Ethics
- Types of Activities
- Types of Publication (if available)

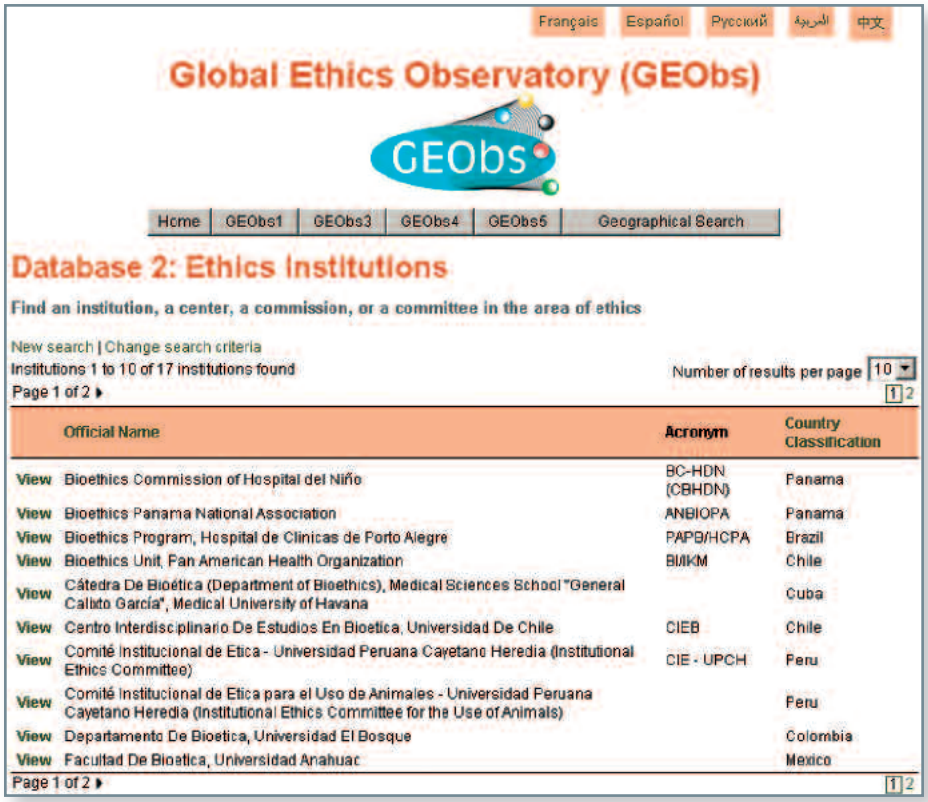


Figure 7: GEObs2 Search Results Page

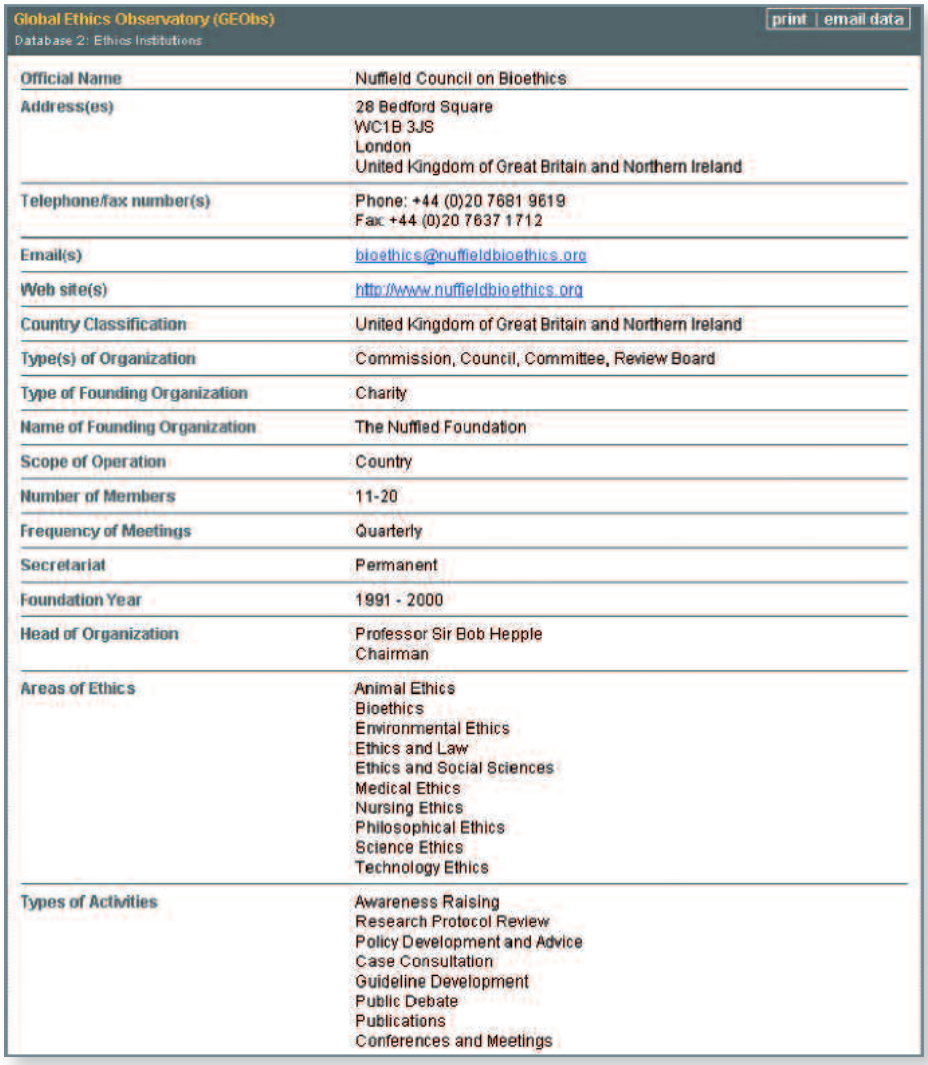


Figure 8: GEObs2 View Page

ETHICS

TEACHING PROGRAMMES

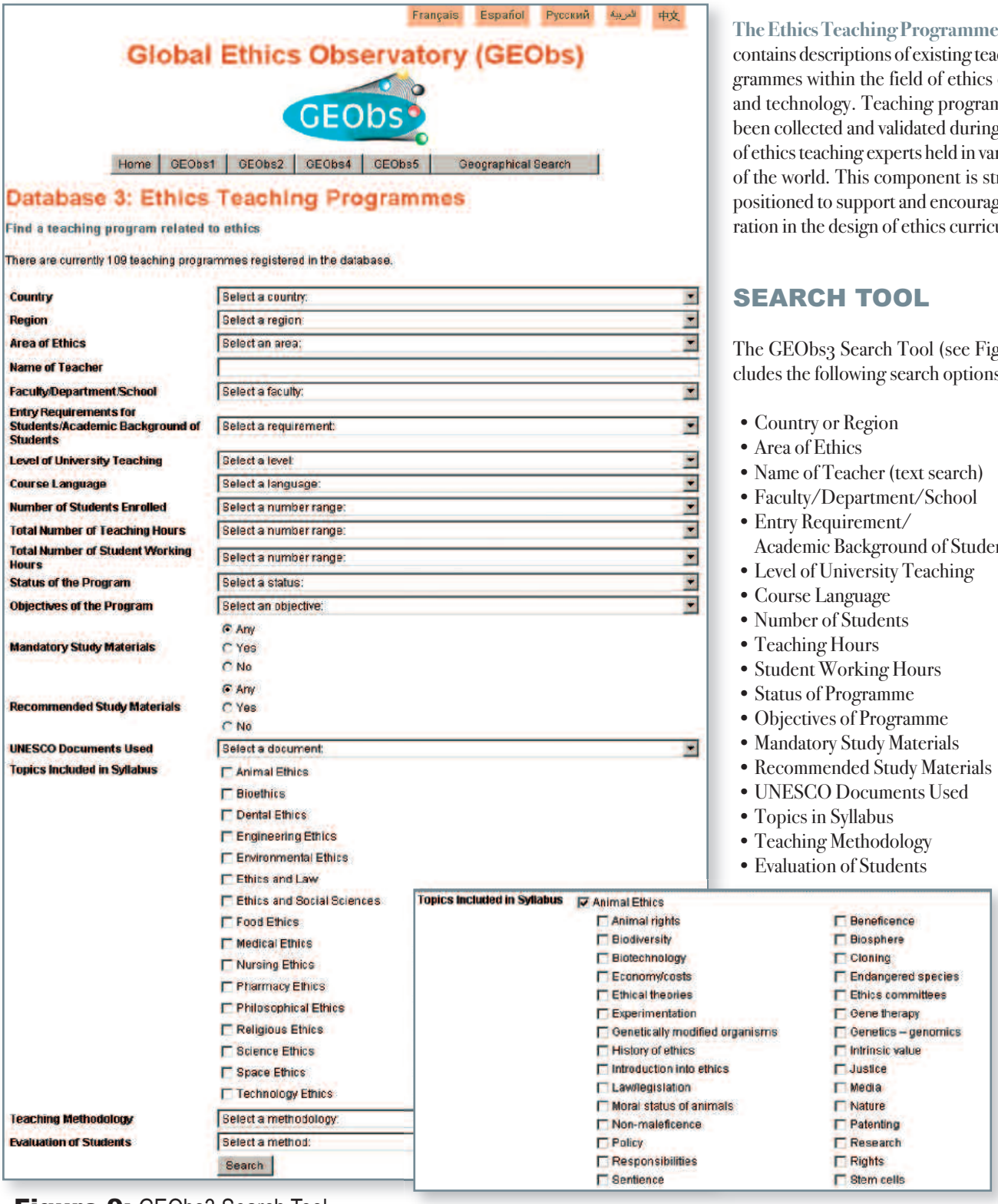


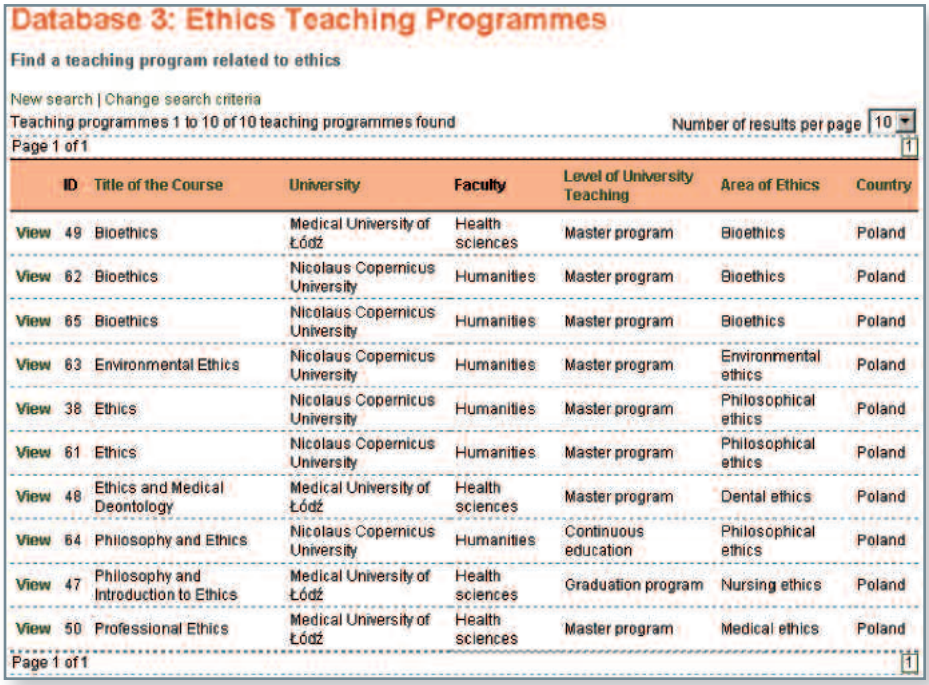
Figure 9: GEObs3 Search Tool

The Ethics Teaching Programmes database contains descriptions of existing teaching programmes within the field of ethics of science and technology. Teaching programmes have been collected and validated during meetings of ethics teaching experts held in various parts of the world. This component is strategically positioned to support and encourage collaboration in the design of ethics curricula.

SEARCH TOOL

The GEObs3 Search Tool (see Figure 9) includes the following search options:

- Country or Region
- Area of Ethics
- Name of Teacher (text search)
- Faculty/Department/School
- Entry Requirement/ Academic Background of Students
- Level of University Teaching
- Course Language
- Number of Students
- Teaching Hours
- Student Working Hours
- Status of Programme
- Objectives of Programme
- Mandatory Study Materials
- Recommended Study Materials
- UNESCO Documents Used
- Topics in Syllabus
- Teaching Methodology
- Evaluation of Students



Database 3: Ethics Teaching Programmes

Find a teaching program related to ethics

New search | Change search criteria

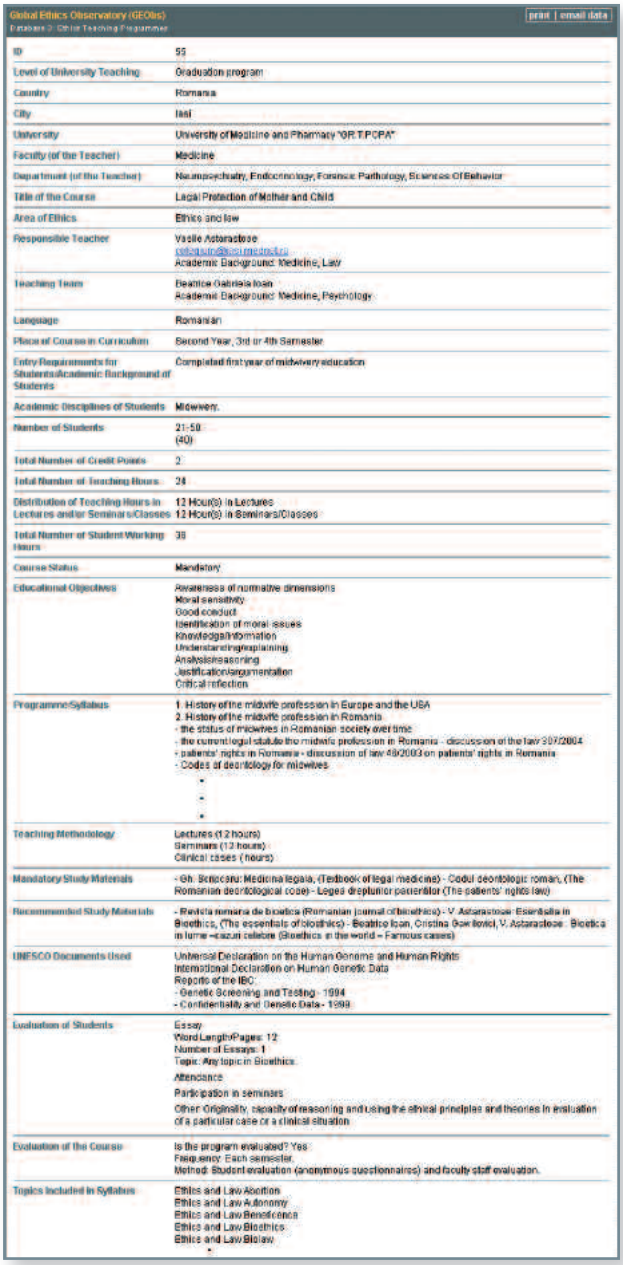
Teaching programmes 1 to 10 of 10 teaching programmes found — Number of results per page: 10

Page 1 of 1

	ID	Title of the Course	University	Faculty	Level of University Teaching	Area of Ethics	Country
View	49	Bioethics	Medical University of Łódź	Health sciences	Master program	Bioethics	Poland
View	62	Bioethics	Nicolaus Copernicus University	Humanities	Master program	Bioethics	Poland
View	65	Bioethics	Nicolaus Copernicus University	Humanities	Master program	Bioethics	Poland
View	63	Environmental Ethics	Nicolaus Copernicus University	Humanities	Master program	Environmental ethics	Poland
View	38	Ethics	Nicolaus Copernicus University	Humanities	Master program	Philosophical ethics	Poland
View	61	Ethics	Nicolaus Copernicus University	Humanities	Master program	Philosophical ethics	Poland
View	48	Ethics and Medical Deontology	Medical University of Łódź	Health sciences	Master program	Dental ethics	Poland
View	64	Philosophy and Ethics	Nicolaus Copernicus University	Humanities	Continuous education	Philosophical ethics	Poland
View	47	Philosophy and Introduction to Ethics	Medical University of Łódź	Health sciences	Graduation program	Nursing ethics	Poland
View	50	Professional Ethics	Medical University of Łódź	Health sciences	Master program	Medical ethics	Poland

Page 1 of 1

Figure 10: GEObs3 Search Results Page



Global Ethics Observatory (GEObs) — print | email data

Database 3: Ethics Teaching Programmes

ID	55
Level of University Teaching	Graduation program
Country	Romania
City	Iasi
University	University of Medicine and Pharmacy "GR.T.POPA"
Faculty (of the Teacher)	Medicine
Department (of the Teacher)	Neuropsychiatry, Endocrinology, Forensic Pathology, Sciences Of Behavior
Title of the Course	Legal Protection of Mother and Child
Area of Ethics	Ethics and law
Responsible Teacher	Vasile Astarastoae Academic Background: Medicine, Law
Teaching Team	Beatrice Gabriela Ioan Academic Background: Medicine, Psychology
Language	Romanian
Place of Course in Curriculum	Second Year, 3rd or 4th Semester
Entry Requirements for Students/Academic Background of Students	Completed first year of midwifery education
Academic Disciplines of Students	Midwifery.
Number of Students	21-50 (40)
Total Number of Credit Points	2
Total Number of Teaching Hours	24
Distribution of Teaching Hours in Lectures and/or Seminars/Classes	12 Hour(s) in Lectures 12 Hour(s) in Seminars/Classes
Total Number of Student Working Hours	38
Course Status	Mandatory
Educational Objectives	Awareness of normative dimensions Moral sensitivity Good conduct Identification of moral issues Knowledge/information Understanding/explaining Analysis/reasoning Justification/argumentation Critical reflection
Programme/Syllabus	1. History of the midwife profession in Europe and the USA 2. History of the midwife profession in Romania - the status of midwives in Romanian society over time - the current legal status of the midwife profession in Romania - discussion on the law 307/2004 - patients' rights in Romania - discussion of law 46/2003 on patients' rights in Romania - Codes of deontology for midwives
Teaching Methodology	Lectures (12 hours) Seminars (12 hours) Clinical cases (hours)
Mandatory Study Materials	- Gh. Brinzeanu: Medicina legala, (Textbook of legal medicine) - Codul deontologic roman, (The Romanian deontological code) - Legea drepturilor pacientilor (The patients' rights law)
Recommended Study Materials	- Revista romana de bioetica (Romanian journal of bioethics) - V. Astarastoae: Esentialia in Bioethics, (The essentials of bioethics) - Beatrice Ioan, Cristina Sarkovici, V. Astarastoae : Bioetica in lume –cazuri celebre (Bioethics in the world – Famous cases)
UNESCO Documents Used	Universal Declaration on the Human Genome and Human Rights International Declaration on Human Genetic Data Reports of the IBC: - Genetic Screening and Testing - 1994 - Confidentiality and Genetic Data - 1999
Evaluation of Students	Essay Word Length/Pages: 12 Number of Essays: 1 Topic: Any topic in Bioethics Attendance Participation in seminars Other: Originality, capacity of reasoning and using the ethical principles and theories in evaluation of a particular case or a clinical situation
Evaluation of the Course	Is the program evaluated? Yes Frequency: Each semester. Method: Student evaluation (anonymous questionnaires) and faculty staff evaluation.
Topics Included in Syllabus	Ethics and Law Abortion Ethics and Law Autonomy Ethics and Law Beneficence Ethics and Law Bioethics Ethics and Law Biology

Figure 11: GEObs3 View Page

SEARCH RESULTS

On the GEObs3 Search Results Page, entries can be sorted by Title of the Course, University, Level of University Teaching, Area of Ethics and Country.

VIEW PAGE

The View Page for this database displays the following items:

- Level of University Teaching (e.g. Graduation, Master, etc.)
- University Name and Location
- Faculty and Department where the course resides
- Title of the Course
- Area of Ethics (e.g. Engineering, Dental Ethics, etc.)
- Contact Information of Responsible Teacher
- Information of Teaching Team
- Logistics of the Course, including Language, Entry Requirements, Number of Students, Number of Credit Points, Distribution of Hours, Number of Student Working Hours and Course Status
- Education Objectives (e.g. Good conduct, Critical reflection, etc.)
- Details of Programme/Syllabus (e.g. Mandatory, Optional, etc.)
- Teaching Methodology (e.g. Lectures, Seminars, etc.)
- List of Mandatory and Recommended Study Materials (if available)
- UNESCO Documents Used
- Evaluation of Students (e.g. Written Test, Essay, etc.)
- Evaluation of the Course
- List of Topics in Syllabus (selecting a topic will unlock further options within that topic)
- Additional Information (if available)

ETHICS RELATED LEGISLATION & GUIDELINES

This database is designed as a comparative tool of ethics related legislation and guidelines introduced within various countries to normalize activities in the fields of science and technology. The descriptions of legal instruments in this database have been carefully compiled and analysed by legal experts working with UNESCO on this initiative. It establishes a valuable platform for sharing of knowledge and experiences in policymaking and management of ethical issues in science and technology.

SEARCH TOOL

Users are able to search this database using one or more of the following terms (see Figure 12):

- Region or Country
- Bioethical Themes (currently covering medical research with human beings; access to health care and essential medicines; genetic counselling; protection of future generations; freedom of scientific research; human cloning (reproductive and therapeutic cloning); organ transplantation; biobanking; non-discrimination in health care; protection of genetic resources; and ethics committees)
- Topics from UNESCO Declarations (selecting a declaration will unlock further search options to enable refined searches according to specific articles of the declaration)
- Legal Categories (covering Treaties, Constitution, Domestic Laws, Authoritative Case Laws and Guidelines)

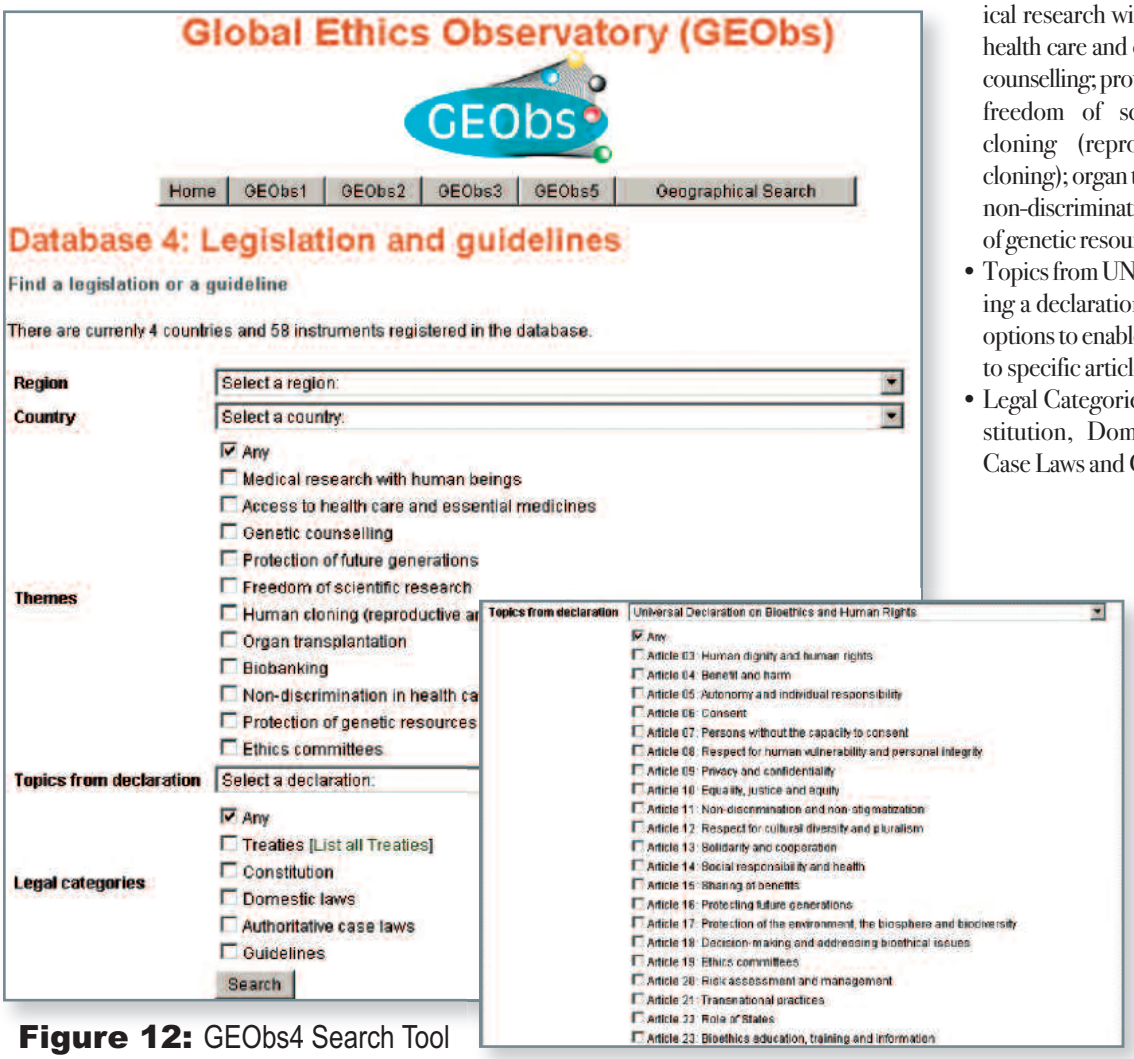


Figure 12: GEObs4 Search Tool

The database currently covers the following UNESCO declarations:

- *Universal Declaration on Bioethics and Human Rights*
- *International Declaration on Human Genetic Data*

All bioethical themes have been linked with specific articles within the UNESCO declarations, and all legal instruments have also been linked with specific bioethical themes and their associated articles of the UNESCO declarations. Linking of instruments to articles of the UNESCO declarations is intended to provide a clearer picture of how the declarations are impacting the legal repertoire of countries.

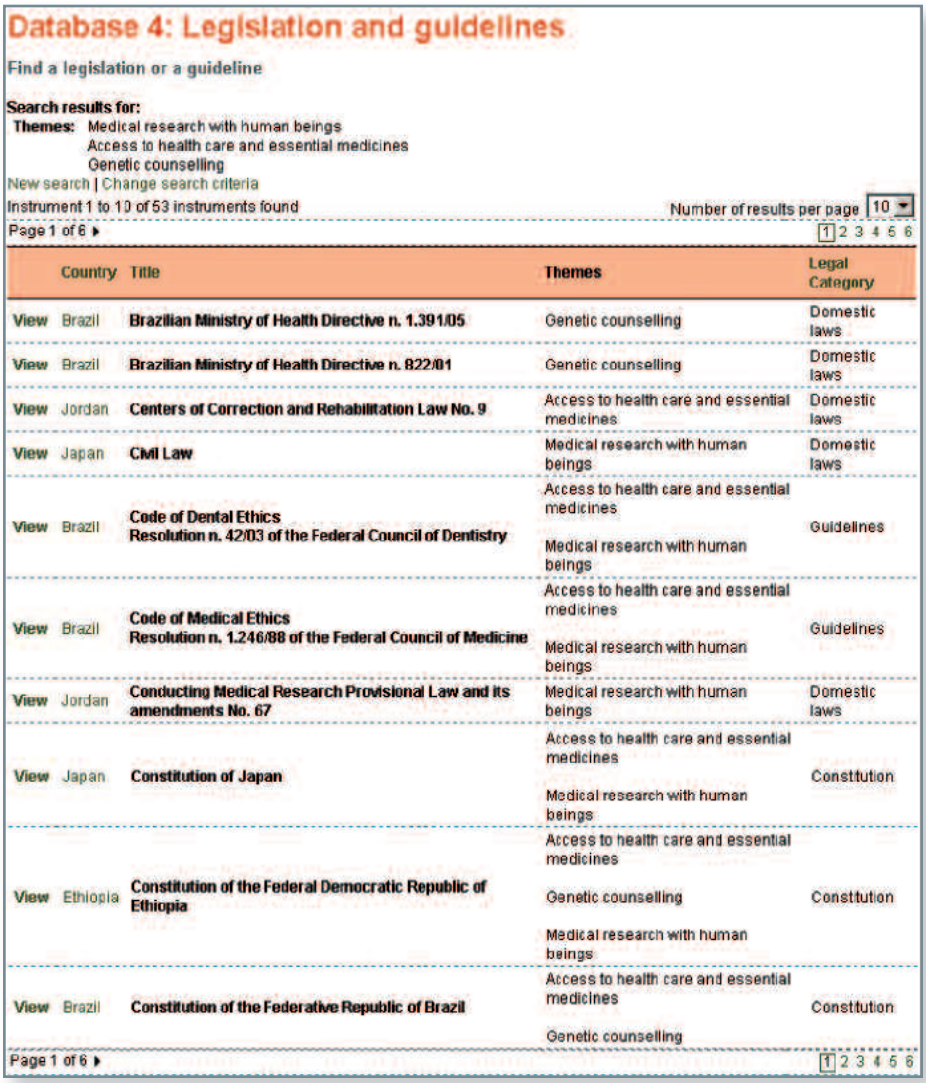
In terms of legal categories, the following should be noted:

- **Treaties** refer to a limited list of international normative instruments, each of which is linked to bioethical themes and articles of the UNESCO declarations. This cross-referencing is available via the "List all Treaties" option on the search tool.

- **Domestic laws** include all binding instruments that have a clear enforcement mechanism, while all non-binding instruments are classified as **Guidelines**.

- **Authoritative case laws** are limited to influential cases only.

Additional bioethical themes, legal categories, treaties and articles of other ethics related UNESCO declarations could be added in the future.



Database 4: Legislation and guidelines

Find a legislation or a guideline

Search results for:
Themes: Medical research with human beings
Access to health care and essential medicines
Genetic counselling

New search | Change search criteria

Instrument 1 to 10 of 53 instruments found — Number of results per page: 10

Page 1 of 6 ▸ — 1 2 3 4 5 6

	Country	Title	Themes	Legal Category
View	Brazil	Brazilian Ministry of Health Directive n. 1.391/05	Genetic counselling	Domestic laws
View	Brazil	Brazilian Ministry of Health Directive n. 822/01	Genetic counselling	Domestic laws
View	Jordan	Centers of Correction and Rehabilitation Law No. 9	Access to health care and essential medicines	Domestic laws
View	Japan	CMI Law	Medical research with human beings	Domestic laws
View	Brazil	Code of Dental Ethics Resolution n. 42/03 of the Federal Council of Dentistry	Access to health care and essential medicines Medical research with human beings	Guidelines
View	Brazil	Code of Medical Ethics Resolution n. 1.246/88 of the Federal Council of Medicine	Access to health care and essential medicines Medical research with human beings	Guidelines
View	Jordan	Conducting Medical Research Provisional Law and its amendments No. 67	Medical research with human beings	Domestic laws
View	Japan	Constitution of Japan	Access to health care and essential medicines Medical research with human beings	Constitution
View	Ethiopia	Constitution of the Federal Democratic Republic of Ethiopia	Access to health care and essential medicines Genetic counselling Medical research with human beings	Constitution
View	Brazil	Constitution of the Federative Republic of Brazil	Access to health care and essential medicines Genetic counselling	Constitution

Page 1 of 6 ▸ — 1 2 3 4 5 6

Figure 13: GEObs4 Search Results Page

SEARCH RESULTS

Entries on the GEObs4 Search Results Page are displayed with indications of applicable bioethical themes selected by the user, and can be sorted by Country, Title and Legal Category (see Figure 13).

VIEW PAGE

The GEObs4 View Page (see Figure 14) consists of the following data items:

- Title of instrument
- Legal Category
- Country
- Years of adoption, entering into force and publication
- Applicable topics from declarations
- Short description

Under the **Applicable topics from declarations** section, bioethical themes are listed with the associated articles from the UNESCO declarations that are applicable to the instrument.

The **Short description** section provides excerpts of provisions within the instrument as related to specific articles of the declarations, organized by bioethical themes.

If specific theme(s) and article(s) are specified for the search, the **Short description** section will only display the provisions related to the requested theme(s) and article(s). This feature allows users to filter and focus the information within the database for very specific purposes.

In order to assist users to place the legal instruments within the appropriate national legal contexts, the database provides brief explanations of national legal systems, accessible by clicking on a country's name, either on the Search Results Page or View Page. Whenever available, these explanations are provided via official websites. Otherwise, non-interpretative descriptions are provided.

Furthermore, neutral and objective explanations of the instrument or a particular provision are included through the various "comments" links if these are deemed necessary to enhance users' understanding of the information. Whenever available, a link to and official website containing the full text of the instrument are provided.

Although this database can be used as a comparative tool of ethics related legal instruments across various countries, it should be clarified that it is not meant to be a checklist or reporting tool of different countries, but rather an inspirational and educational tool.

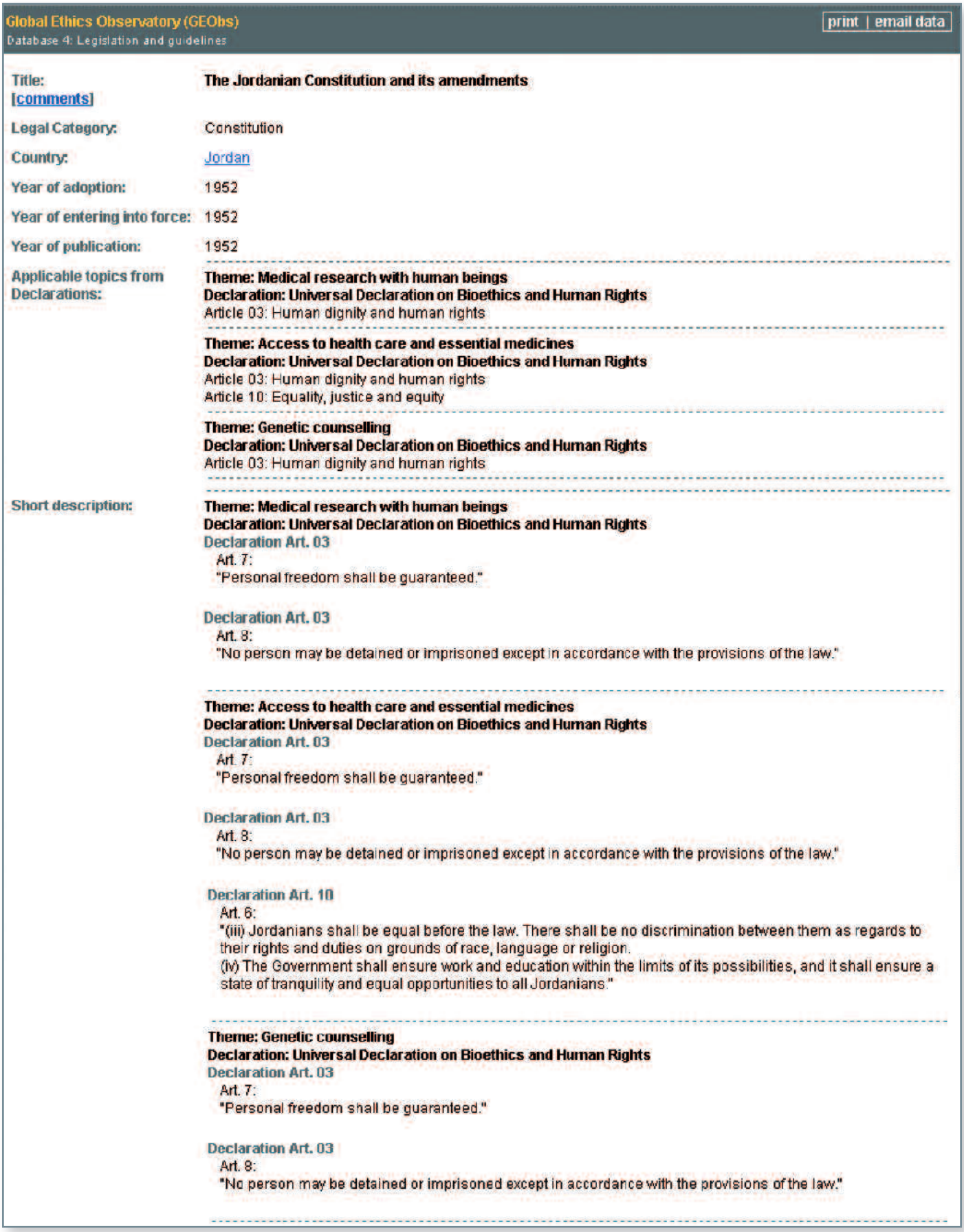


Figure 14: GEObs4 View Page

CODES OF CONDUCT

This database functions as a comparative tool for codes of conduct related to the ethics of science and technology issued by professional entities in the private and public sectors. These codes have been collected by or submitted to UNESCO for analysis so that common principles can be identified. It is designed to facilitate the exchange of information and experiences, as well as to assist professional entities seeking to establish their own codes of conduct.

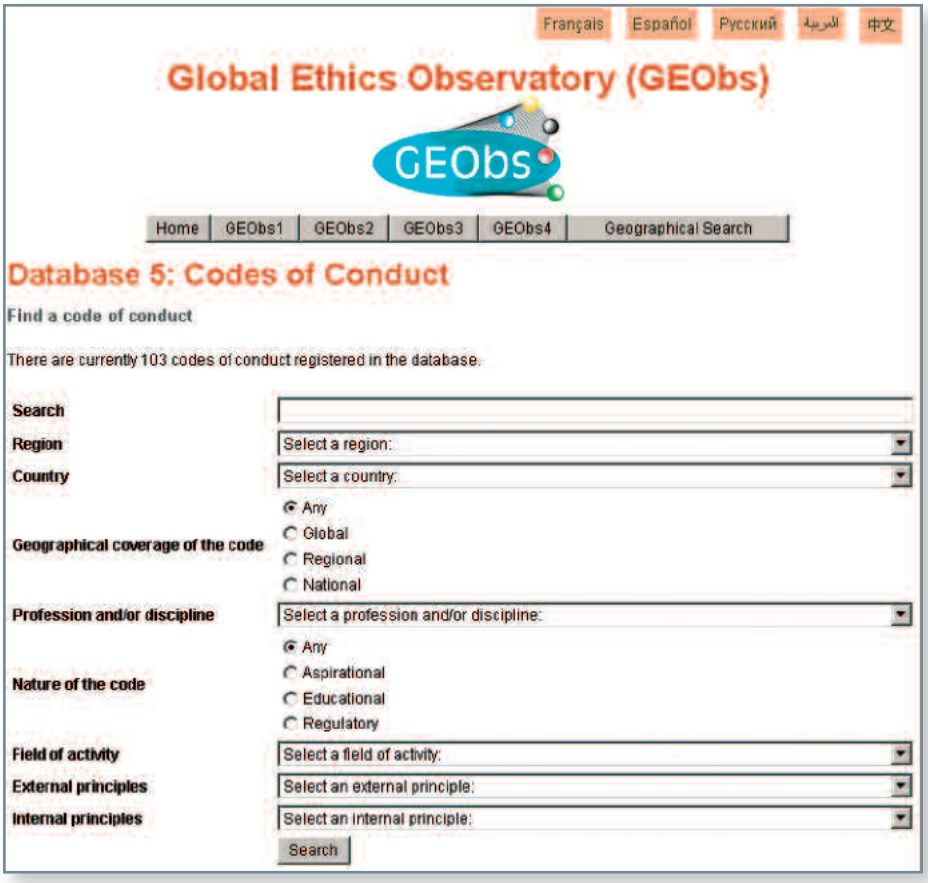


Figure 15: GEObs5 Search Tool

SEARCH TOOL

The database can be searched using one or more of the following criteria (see Figure 15):

- Text Search
  (search for specific words in the titles or providers of the codes)
- Region or Country
- Geographical coverage
- Profession and/or discipline
  (ILO ISCO-88)
- Nature of the code
- Field of activity
  (e.g. Information Technology, Psychology, etc.)
- External principles
  (common principles identified thus far)
- Internal principles
  (common principles identified thus far)

In order for a code to be included in the database, the following criteria must be met:

- **Provider of the Code:** The code must be issued by an entity dealing with science and technology issues, with the intention to regulate/inspire/educate the behaviour of its own members (individuals and/or institutions) or addressing scientists in general. Regulations issued by legislative bodies, and thus addressing all citizens, have been excluded from the collection.
- **Addressee of the Code:** The code must concern professionals within scientific professions or disciplines in any area of science. The addressees should be members/employees of the organization providing the code or scientists in general. Codes that exclusively concern non-professionals, for example students, have not been included in the collection.
- **Content of the Code:** A code must have a normative content: ethical principles, values, norms, rules of conduct.

Under geographical coverage, the term global refers to codes issued by organizations which are represented in many (but not necessarily all) countries.

Under nature of the code, the system uses the following classifications proposed by Mark S. Frankel (*Journal of Business Ethics*, 1989; **8**: 109-115):

- **Aspirational:** "(...) a statement of ideals to which practitioners should strive. Instead of focusing on notions of right and wrong, the emphasis is on the fullest realisation of human achievement."
- **Educational:** a code that serves to enhance understanding of its provisions with extensive commentary and interpretation demonstrating how it can be helpful in dealing with ethical problems associated with professional practices.
- **Regulatory:** a code that "includes a set of detailed rules to govern professional conduct and to serve as a basis for adjudicating grievances. Such rules are presumed to be enforceable through a system of monitoring and the application of a range of sanctions."

External principles are related to the social context and responsibility towards society. Internal principles refer to scientists' individual professional behaviour on ethical issues.

Database 5: Codes of Conduct

Find a code of conduct

New search | Change search criteria

Codes of Conduct 1 to 10 of 14 codes of Conduct found — Number of results per page 10

Page 1 of 2 ▸ 1 2

	ID	Title of the Code	Provider of the code	Profession and/or discipline	Country	Geographical coverage
View	61	Basic Code of Practice for Individual Corporate Members	Computer Society of Zimbabwe	Computing professionals	Zimbabwe	National
View	42	Code of conduct	Computer Society of South Africa	Computing professionals	South Africa	National
View	62	Code of Ethics for All Individual Members	Computer Society of Zimbabwe	Computing professionals	Zimbabwe	National
View	64	Code of Ethics for Institutional Members	Computer Society of Zimbabwe	Computing professionals	Zimbabwe	National
View	63	Code of Professional Conduct for Individual Corporate Members	Computer Society of Zimbabwe	Computing professionals	Zimbabwe	National
View	108	Conducting Research In Zimbabwe. What researchers need to know?	Medical Research Council of Zimbabwe	Scientists in general	Zimbabwe	National
View	82	Guidelines for ethical research (book 1: General guideline)	South African Medical research council	Researchers	South Africa	National
View	83	Guidelines for ethical research (book 2: Reproductive Biology and Genetic Research)	South African Medical research council	Researchers	South Africa	National
View	84	Guidelines on Ethics for Medical Research (Book 3: Use of animals in research and training)	South African Medical research council	Researchers	South Africa	National
View	85	Guidelines on Ethics for Medical Research (Book 4: Use of Biohazards and Radiation)	South African Medical research council	Researchers	South Africa	National

Page 1 of 2 ▸ 1 2

Figure 16: GEObs5 Search Results Page

SEARCH RESULTS

Users are able to sort GEObs5 search results by Title of Code, Provider of Code, Profession and/or Discipline, Country and Geographical Coverage (see Figure 16).

VIEW PAGE

Data elements displayed on the GEObs5 View Page include (see Figure 17):

- Title and Provider of code (websites if available)
- Country and Geographical coverage
- Profession and/or discipline
- Nature of code and date published
- Membership of organization, commitment to code, sanctions, and disciplinary body
- Fields of activity
- Applicable common external and internal principles, including extracted texts from the code relevant to the specific principle.

Global Ethics Observatory (GEObs) — print | email data

Database 6: Codes of Conduct

ID	62
Title of the Code	Code of Ethics for All Individual Members Link to Code
Provider of the code	Computer Society of Zimbabwe http://www.csz.org.zw/
Country	Zimbabwe
Geographical coverage	National
Profession and/or discipline	Computing professionals
Nature of the code	Regulatory
Membership of organization	Members (Individual Corporate Members, professional practitioners)
Commitment to code	Mandatory
Sanctions	Yes
Disciplinary body	Yes
Date published	2000
Fields of activity	Information Technology (Systems, Software, Applications, Communications, Education and Research)
External principles	Prestige of the profession ▸ extract
Internal principles	Confidentiality of information ▾ extract Schedule 1b, Principle 4: Respect the confidentiality of information acquired in the course of his work and should not disclose any such information to a third party without specific authority or unless there is a legal or professional duty to disclose. Schedule 1b, Guideline for Principle 4 4.1. Do not seek to acquire, through your position or special knowledge, for your own or others' use, any information that is not rightly yours to possess. Conflicts of interest ▸ extract Honesty ▸ extract Integrity ▸ extract Work only in area of expertise ▸ extract Prevent and report unethical conduct ▸ extract Give due credit ▸ extract

Figure 17: GEObs5 View Page

INTERACTIVE GEOGRAPHICAL SEARCH

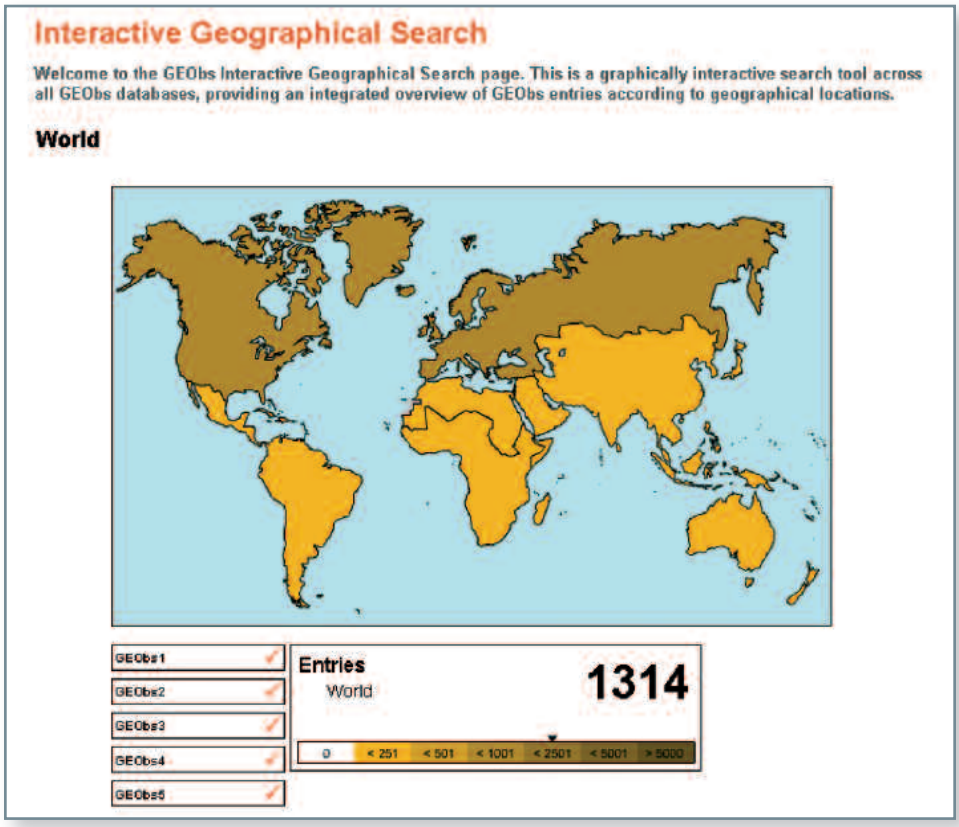


Figure 18: World View

DISCLAIMER

The designations employed and the presentation of material throughout this website do not imply the expression of any opinion whatsoever on the part of UNESCO concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries.

The Interactive Geographical Search feature provides an integrated overview of all GEObs databases, represented in terms of data intensity on a world map (see Figure 18).

REGIONAL MAPS

The world map is divided into the following five regions of UNESCO:

- Africa
- Arab States
- Asia and the Pacific
- Europe and North America
- Latin America and the Caribbean

When a particular region is selected, the map changes to provide a closer view of all the countries within that region (see Figure 19).

When a country is selected on the regional maps, a pop-up window displaying all the entries of the selected database(s) for that country is activated (see Figure 20). Users can then choose to view individual data items displayed on this page. This feature provides users with a means of quickly obtaining an overview of all ethics experts, institutions, teaching programmes, legal instruments and codes of conduct within the GEObs databases.

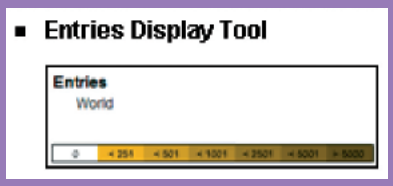
It should also be noted that the collection of data for GEObs is a continuous process, and the absence of data for a particular country in any of the databases does not necessarily mean that data does not exist. It most probably means that further efforts to seek out that particular information is needed, and users should check the system again at a later date.

SEARCH TOOLS

Users are able to navigate the regional maps and the system as a whole by using the tools below:

This tool allows users to select the databases to be searched and displayed on the map.

This tool shows how many entries in the selected databases are available for a particular country.



This tool allows users to change the map view by zooming in or out.

This tool is only available once users have zoomed in on the map. It allows users to move the map in the zoomed in view. Users can also move the map using the grey arrows on the sides of the map.

This tool allows users to return to the main page (world view) of the Interactive Geographical Search feature.

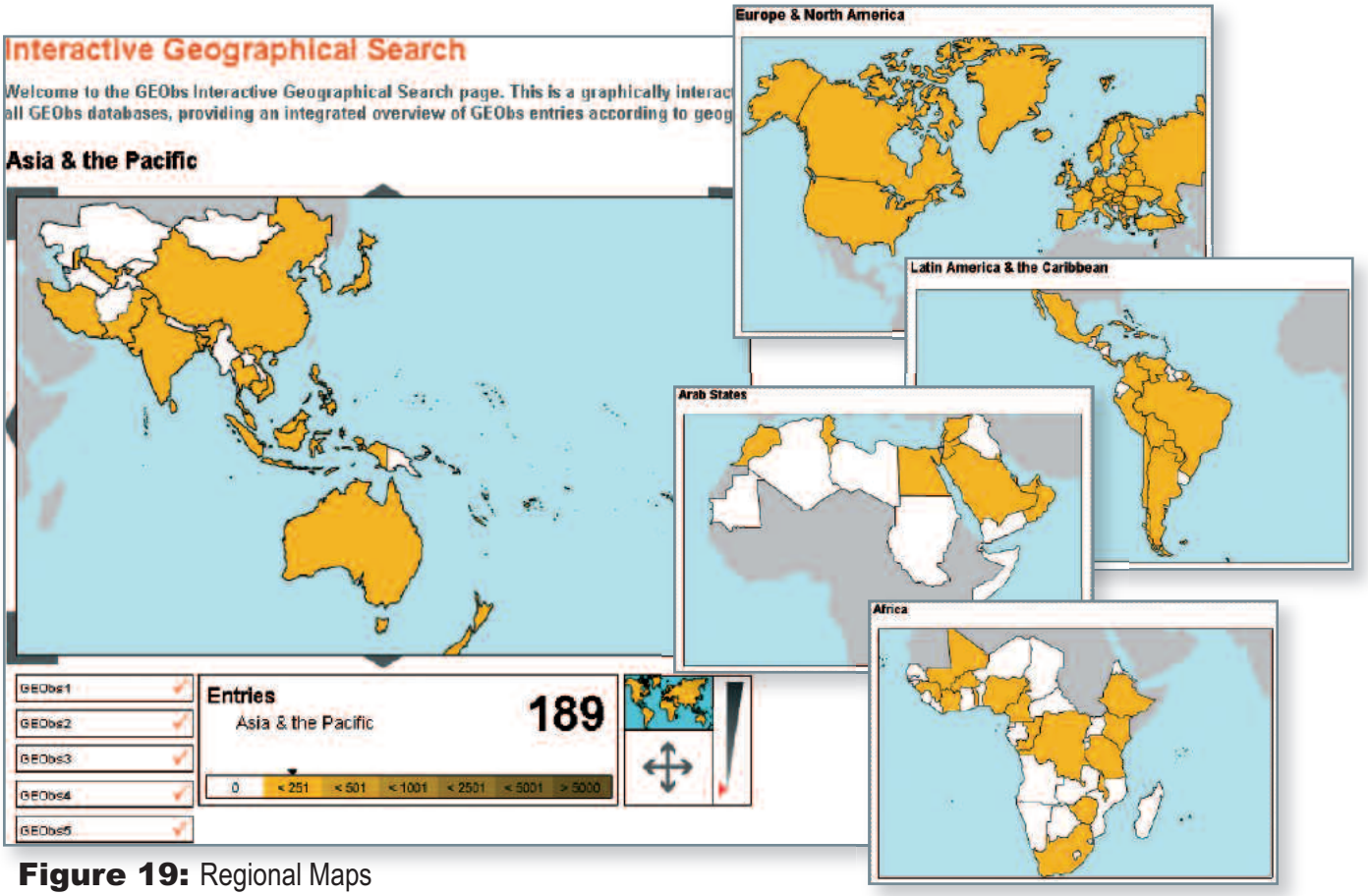


Figure 19: Regional Maps

Global Ethics Observatory (GEObs) close

Japan

GEObs1
Who's Who in Ethics

	Prefix	Surname	First name	Middle name
View	Mr.	Akabayashi	Akira	
View	Ms.	Akiba	Etsuko	
View	Mr.	Aoki	Kiyoshi	
View	Mr.	Bagheri	Alireza	
View	Mr.	Fujiki	Norio	
View	Mr.	Fukuma	Seishi	
View	Mr.	Ida	Ryuichi	
View	Mr.	Igarashi	Yasuhiko	
View	Ms.	Kato	Makina	
View	Mr.	Lai	On-Kwok	
View	Mr.	Matsuda	Masami	
View	Mr.	Nagaoka	Shigeo	
View	Mr.	Nakata	Mitsuo	
View	Mr.	Nudeshima	Jiro	
View	Mr.	Sakai	Akio	
View	Ms.	Sawada	Aiko	
View	Mr.	Shinagawa	Shinryo	Nobuyoshi
View	Mr.	Tsuchida	Tomoaki	
View	Ms.	Yamaguchi	Tomiko	

GEObs2
Institutions

	Official Name	Acronym
View	Japan Association for Bioethics	JAB
View	Research Center for Moral Science, The Institute of Moralogy	RCMS

GEObs3
Teaching Programmes

No entries

GEObs4
Legislation and Guidelines

	Instrument
View	**Civil Law**
View	**Constitution of Japan**
View	**Criminal Code**
View	**Ethical Guidelines for Human Genome and Genetic Research**
View	**Ethical Guidelines on Clinical Research**
View	**Fundamental Principles of Research on the Human Genome**
View	**Guidelines for Genetic Tests**
View	**Guidelines on Clinical Research**
View	**Medical Act**
View	**Regulation on standard of clinical trial of new drug**

GEObs5
Codes of Conduct

	ID	Title of the Code	Provider of the code	Profession and/or discipline	Geographical coverage
View	114	Code of Ethics	Atomic Energy Society of Japan	Architects, engineers and related professionals	National
View	29	Code of Ethics of the Information Processing Society of Japan	Information Processing Society of Japan	Computing professionals	National
View	30	Japan Information Technology Services Industry Association Code of Ethics	Japan Information Technology Services Industry Association	Computing professionals	National

Figure 20: Country Overview Page

CONTRIBUTING TO GEObs

We invite you to enrich GEObs by providing data you would like to see included in any of the databases. For this and for further information, please contact:

UNESCO
Division of Ethics of Science and Technology
Social and Human Sciences Sector
1, rue Miollis
75732 Paris Cedex 15
France

Phone: +33 1 45 68 37 81
Fax: +33 1 45 68 55 15

E-mail: geobs@unesco.org
Website: www.unesco.org/shs/ethics/geobs

DIVISION OF ETHICS OF SCIENCE & TECHNOLOGY

The Division of Ethics of Science and Technology embodies the priority UNESCO gives to the promotion of ethics of science and technology, with emphasis on bioethics.

The Division's actions include providing support for Member States of UNESCO that are planning to develop activities in the field of ethics of science and technology.

The Division also functions as the executive secretariat for three international ethics bodies, namely the World Commission on the Ethics of Scientific Knowledge and Technology (COMEST), the International Bioethics Committee (IBC) and the Intergovernmental Bioethics Committee (IGBC).

Website: www.unesco.org/shs/ethics