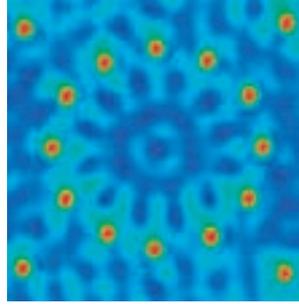
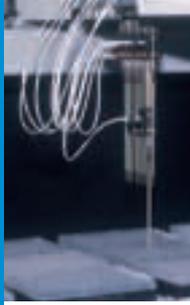
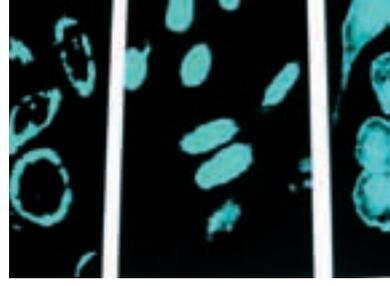


# GLOBAL ETHICS OBSERVATORY



SCIENCE &  
TECHNOLOGY



## ETHICS EXPERTS WHO'S WHO?



ETHICS  
INSTITUTIONS



ETHICS  
TEACHING PROGRAMMES



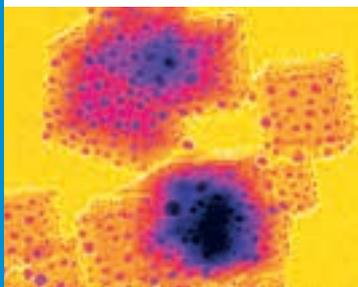
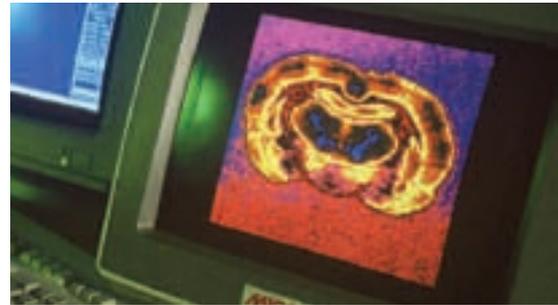
## CODES OF CONDUCT



## ETHICS RELATED LEGISLATION & GUIDELINES



CONTRIBUTIONS  
TO GEObs



## INTERACTIVE GEOGRAPHICAL SEARCH



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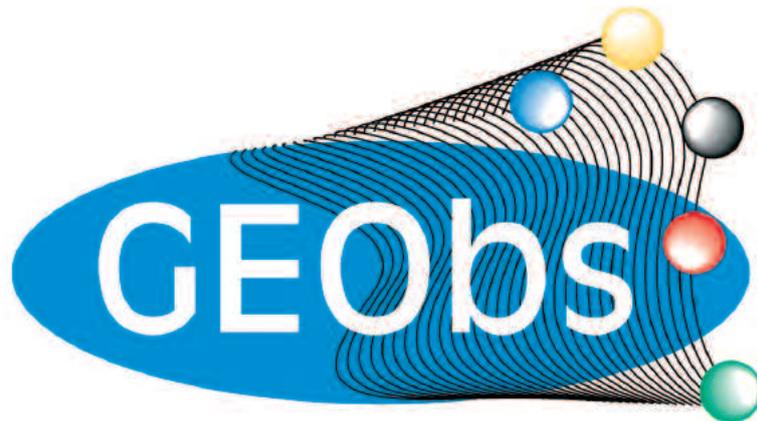
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# GLOBAL ETHICS OBSERVATORY



[www.unesco.org/shs/ethics/geobs](http://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](http://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.

## 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.)

**Global Ethics Observatory (GEObs)**

Home | GEObs2 | GEObs3 | GEObs4 | GEObs5 | Geographical Search

### Database 1: Who's Who in Ethics

Find an ethics expert

There are currently 851 experts registered in the database.

First name	<input type="text"/>
Surname	<input type="text"/>
Country	Select a country: <input type="text"/>
Region	Select a region: <input type="text"/>
Professional Background	Select a background: <input type="text"/>
Activities	Select an activity: <input type="text"/>
Institutions	Select an institution: <input type="text"/>
Area of Interest in Applied Ethics	Select an area of interest: <input type="text"/>
Expertise in Ethics	Select an expertise: <input type="text"/>
Institutional Involvement in UNESCO	Select an institutional involvement: <input type="text"/>
<input type="button" value="Search"/>	

**Figure 3:** GEObs1 Search Tool

Français   Español   Русский   العربية   中文

## Global Ethics Observatory (GEObs)

Home   GEObs2   GEObs3   GEObs4   GEObs5   Geographical Search

### Database 1: Who's Who in Ethics

Find an ethics expert

New search | Change search criteria

Experts 1 to 10 of 27 experts found

Number of results per page

	Prefix	Surname	First name	Middle name	Country
<a href="#">View</a>	Mr.	Abou-Zeid	Alaa	Hammad Ali	Egypt
<a href="#">View</a>	Mr.	Abualraghib	Samih	Yasin	Jordan
<a href="#">View</a>	Mr.	Al-Ramahi	Ibrahim	Kamel	Jordan
<a href="#">View</a>	Mr.	Alswailem	Abduaziz	Mohammed	Saudi Arabia
<a href="#">View</a>	Ms.	Amel	Aouij	Mrad	Tunisia
<a href="#">View</a>	Ms.	Arrayed, Al	Shaikha	Salim	Bahrain
<a href="#">View</a>	Mr.	Azalez	Rached		Tunisia
<a href="#">View</a>	Ms.	Badreddine	Lana	Ali	United Arab Emirates
<a href="#">View</a>	Ms.	Bourquia	Amal		Morocco
<a href="#">View</a>	Mr.	Boustary	Fouad		Lebanon

Page 1 of 3

**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.

**Global Ethics Observatory (GEObs)** Database 1: Who's Who in Ethics

[Print](#)   [Email data](#)

Prefix	Mr.
First name	Henk
Middle name	Antonius Maria Johannes
Surname prefix	ten
Surname	Have
<b>Titles</b>	Dr. Professor Director
<b>Workplace and Function</b>	Division of Ethics of Science and Technology, UNESCO Director
<b>Addresses</b>	1 rue Mollat 75015 Paris France Phone: +33 1 45684938 Fax: +33 1 45685515 Email: <a href="mailto:h.tenhave@unesco.org">h.tenhave@unesco.org</a>
<b>Country</b>	France
<b>Professional Background</b>	Medicine Philosophy
<b>Activities in Relation to Ethics</b>	Teaching Research Policy-making
<b>Institutional Affiliation</b>	UN agency: UNESCO
<b>Expertise in Ethics</b>	Bioethics: Bioethics theories and principles Bioethics: End of life Bioethics: Genetics and molecular biology Bioethics: Health care systems Bioethics: Public Health Bioethics: Research with human beings Bioethics: General (Bioethics) Environmental ethics: General (Environmental Ethics) Science Ethics: Code of Conduct Science Ethics: General (Science Ethics) Ethics of outer space / Space Ethics: General (Ethics of Outer Space) Technology ethics: Nanotechnology Technology ethics: General (Technology Ethics) Ethics education: Medical ethics Ethics education: Bioethics Ethics education: Science ethics Ethics education: General (Ethics Education)
<b>Area of Interest in Applied Ethics</b>	Medical Ethics Bioethics Environmental Ethics Science Ethics Technology Ethics Space Ethics
<b>Institutional Involvement in UNESCO</b>	Staff UNESCO
<b>Current Research Projects</b>	Research and Ethics 2002-01-01 - 2009-01-01
<b>Most Recent Publication(s) in Journal</b>	H. ten Have. 2006. 'The activities of UNESCO in the area of ethics'. <i>Kennedy Institute of Ethics Journal</i> . Vol. 16, Issue 4, pp. 333-351. [19 page(s)] A. Borovecki, H. ten Have and S. Oreskovic. 2006. 'A critical analysis of Croatian hospital ethics committees: opportunity of bureaucratic cui-de-sac?' (in English). <i>Društvena Istraživanja</i> Zagreb. Vol. 6, Issue 86, pp. 1221-1238. [19 page(s)] H. ten Have and T.VvAng. 2007. 'Unesco's Global Ethics Observatory'. <i>Journal of Medical Ethics</i> . Vol. 33, Issue 1, pp. 15-16. [2 page(s)]
<b>Most Recent Book(s)</b>	Henk A.M.J. ten Have (ed.). 2006. <i>Environmental Ethics and International Policy</i> . UNESCO Publishing, Paris. 92-3-104039-1. 226. Henk A.M.J. ten Have and Jos V.M. Welle (eds.). 2005. <i>Dutch euthanasia practice. An ethical analysis of Dutch euthanasia practice</i> . Open University Press/ Mc Graw-Hill, Maidenhead, Berkshire, UK. 0-335-21755-9. 242.

**Figure 5:** GEObs1 View Page

# ETHICS INSTITUTIONS

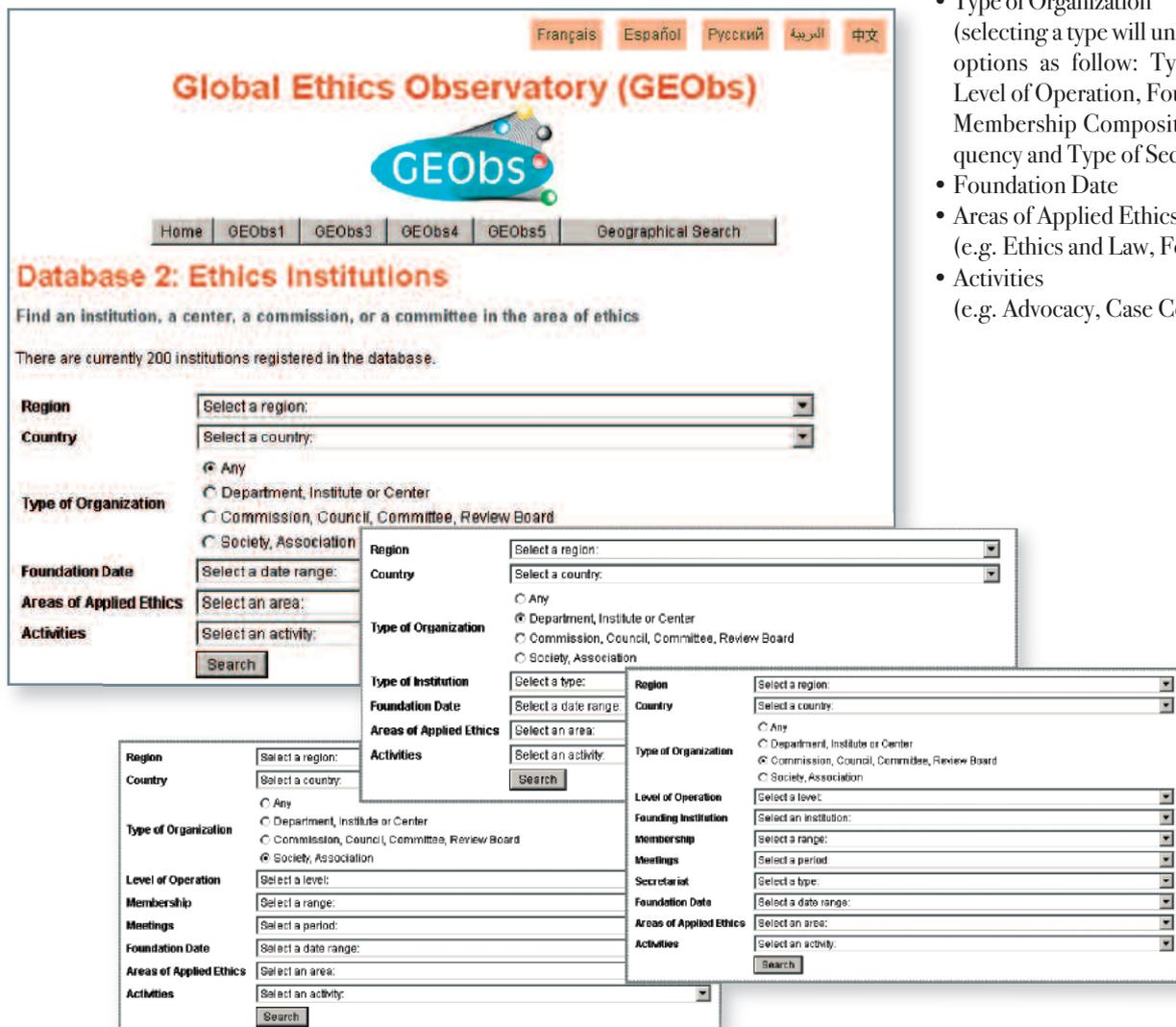
The **Ethics Institutions** database provides information on departments, institutes, centres, commissions, councils, committees, review boards, societies, associations and other relevant entities in the area of ethics of science and technology. Institutions within the database have been validated against 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)

The screenshot shows the GEObs2 Search Results Page. At the top, there are language options: Français, Español, Русский, العربية, 中文. The main heading is 'Global Ethics Observatory (GEObs)' with the GEObs logo. Below the logo is a navigation bar with links: Home, GEObs1, GEObs3, GEObs4, GEObs5, and Geographical Search. The main content area is titled 'Database 2: Ethics Institutions' and includes a search prompt: 'Find an institution, a center, a commission, or a committee in the area of ethics'. There are search filters for 'New search | Change search criteria' and 'Institutions 1 to 10 of 17 institutions found'. A dropdown menu shows 'Number of results per page' set to 10. The results are displayed in a table with columns: Official Name, Acronym, and Country Classification. The table lists 10 institutions, each with a 'View' link. The first institution is 'Bioethics Commission of Hospital del Niño' from Panama. The table is on page 1 of 2.

Official Name	Acronym	Country Classification
<a href="#">View</a> Bioethics Commission of Hospital del Niño	BC-HDN (CBHDN)	Panama
<a href="#">View</a> Bioethics Panama National Association	ANBIOPA	Panama
<a href="#">View</a> Bioethics Program, Hospital de Clinicas de Porto Alegre	PAPB/HCPA	Brazil
<a href="#">View</a> Bioethics Unit, Pan American Health Organization	BMKM	Chile
<a href="#">View</a> Cátedra De Bioética (Department of Bioethics), Medical Sciences School "General Calisto García", Medical University of Havana		Cuba
<a href="#">View</a> Centro Interdisciplinario De Estudios En Bioética, Universidad De Chile	CIEB	Chile
<a href="#">View</a> Comité Institucional de Etica - Universidad Peruana Cayetano Heredia (Institutional Ethics Committee)	CIE - UPCH	Peru
<a href="#">View</a> Comité Institucional de Etica para el Uso de Animales - Universidad Peruana Cayetano Heredia (Institutional Ethics Committee for the Use of Animals)		Peru
<a href="#">View</a> Departamento De Bioetica, Universidad El Bosque		Colombia
<a href="#">View</a> Facultad De Bioetica, Universidad Anahuac		Mexico

Figure 7: GEObs2 Search Results Page

The screenshot shows the GEObs2 View Page for the Nuffield Council on Bioethics. The page title is 'Global Ethics Observatory (GEObs)' and 'Database 2: Ethics Institutions'. There are 'print' and 'email data' links. The main content is a detailed profile of the institution, organized into sections: Official Name, Address(es), Telephone/fax number(s), Email(s), Web site(s), Country Classification, Type(s) of Organization, Type of Founding Organization, Name of Founding Organization, Scope of Operation, Number of Members, Frequency of Meetings, Secretariat, Foundation Year, Head of Organization, Areas of Ethics, and Types of Activities. The Nuffield Council on Bioethics is located at 28 Bedford Square, WC1B 3JS, London, United Kingdom of Great Britain and Northern Ireland. It is a Commission, Council, Committee, Review Board, founded in 1991-2000, with Professor Sir Bob Hepple as Chairman. Its areas of ethics include Animal Ethics, Bioethics, Environmental Ethics, Ethics and Law, Ethics and Social Sciences, Medical Ethics, Nursing Ethics, Philosophical Ethics, Science Ethics, and Technology Ethics. Its types of activities include Awareness Raising, Research Protocol Review, Policy Development and Advice, Case Consultation, Guideline Development, Public Debate, Publications, and Conferences and Meetings.

<b>Official Name</b>	Nuffield Council on Bioethics
<b>Address(es)</b>	28 Bedford Square WC1B 3JS London United Kingdom of Great Britain and Northern Ireland
<b>Telephone/fax number(s)</b>	Phone: +44 (0)20 7681 9619 Fax: +44 (0)20 7637 1712
<b>Email(s)</b>	<a href="mailto:bioethics@nuffieldbioethics.org">bioethics@nuffieldbioethics.org</a>
<b>Web site(s)</b>	<a href="http://www.nuffieldbioethics.org">http://www.nuffieldbioethics.org</a>
<b>Country Classification</b>	United Kingdom of Great Britain and Northern Ireland
<b>Type(s) of Organization</b>	Commission, Council, Committee, Review Board
<b>Type of Founding Organization</b>	Charity
<b>Name of Founding Organization</b>	The Nuffield Foundation
<b>Scope of Operation</b>	Country
<b>Number of Members</b>	11-20
<b>Frequency of Meetings</b>	Quarterly
<b>Secretariat</b>	Permanent
<b>Foundation Year</b>	1991 - 2000
<b>Head of Organization</b>	Professor Sir Bob Hepple Chairman
<b>Areas of Ethics</b>	Animal Ethics Bioethics Environmental Ethics Ethics and Law Ethics and Social Sciences Medical Ethics Nursing Ethics Philosophical Ethics Science Ethics Technology Ethics
<b>Types of Activities</b>	Awareness Raising Research Protocol Review Policy Development and Advice Case Consultation Guideline Development Public Debate Publications Conferences and Meetings

Figure 8: GEObs2 View Page

# ETHICS

# TEACHING PROGRAMMES

Global Ethics Observatory (GEObs)

Home GEObs1 GEObs2 GEObs4 GEObs5 Geographical Search

### Database 3: Ethics Teaching Programmes

Find a teaching program related to ethics

There are currently 109 teaching programmes registered in the database.

**Country** [Select a country:]  
**Region** [Select a region:]  
**Area of Ethics** [Select an area:]  
**Name of Teacher** [Text field]  
**Faculty/Department/School** [Select a faculty:]  
**Entry Requirements for Students/Academic Background of Students** [Select a requirement:]  
**Level of University Teaching** [Select a level:]  
**Course Language** [Select a language:]  
**Number of Students Enrolled** [Select a number range:]  
**Total Number of Teaching Hours** [Select a number range:]  
**Total Number of Student Working Hours** [Select a number range:]  
**Status of the Program** [Select a status:]  
**Objectives of the Program** [Select an objective:]  
**Mandatory Study Materials**  Any  Yes  No  
**Recommended Study Materials**  Any  Yes  No  
**UNESCO Documents Used** [Select a document:]  
**Topics Included in Syllabus**  
 Animal Ethics  
 Bioethics  
 Dental Ethics  
 Engineering Ethics  
 Environmental Ethics  
 Ethics and Law  
 Ethics and Social Sciences  
 Food Ethics  
 Medical Ethics  
 Nursing Ethics  
 Pharmacy Ethics  
 Philosophical Ethics  
 Religious Ethics  
 Science Ethics  
 Space Ethics  
 Technology Ethics  
**Teaching Methodology** [Select a methodology:]  
**Evaluation of Students** [Select a method:]  
[Search]

**Topics Included in Syllabus**  Animal Ethics  
 Animal rights  
 Biodiversity  
 Biotechnology  
 Economy/costs  
 Ethical theories  
 Experimentation  
 Genetically modified organisms  
 History of ethics  
 Introduction into ethics  
 Law/legislation  
 Moral status of animals  
 Non-maleficence  
 Policy  
 Responsibilities  
 Sentience  
 Beneficence  
 Biosphere  
 Cloning  
 Endangered species  
 Ethics committees  
 Gene therapy  
 Genetics – genomics  
 Intrinsic value  
 Justice  
 Media  
 Nature  
 Patenting  
 Research  
 Rights  
 Stem cells

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

Figure 9: GEObs3 Search Tool

## 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
<a href="#">View</a> 49	Bioethics	Medical University of Łódź	Health sciences	Master program	Bioethics	Poland
<a href="#">View</a> 62	Bioethics	Nicolaus Copernicus University	Humanities	Master program	Bioethics	Poland
<a href="#">View</a> 65	Bioethics	Nicolaus Copernicus University	Humanities	Master program	Bioethics	Poland
<a href="#">View</a> 63	Environmental Ethics	Nicolaus Copernicus University	Humanities	Master program	Environmental ethics	Poland
<a href="#">View</a> 38	Ethics	Nicolaus Copernicus University	Humanities	Master program	Philosophical ethics	Poland
<a href="#">View</a> 61	Ethics	Nicolaus Copernicus University	Humanities	Master program	Philosophical ethics	Poland
<a href="#">View</a> 48	Ethics and Medical Deontology	Medical University of Łódź	Health sciences	Master program	Dental ethics	Poland
<a href="#">View</a> 64	Philosophy and Ethics	Nicolaus Copernicus University	Humanities	Continuous education	Philosophical ethics	Poland
<a href="#">View</a> 47	Philosophy and Introduction to Ethics	Medical University of Łódź	Health sciences	Graduation program	Nursing ethics	Poland
<a href="#">View</a> 50	Professional Ethics	Medical University of Łódź	Health sciences	Master program	Medical ethics	Poland

Page 1 of 1

## 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)

Figure 10: GEObs3 Search Results Page

Global Ethics Observatory (GEObs3)	
ID	55
Level of University Teaching	Graduation program
Country	Romania
City	Iasi
University	University of Medicine and Pharmacy "DR. TR. POPA"
Faculty (of the Teacher)	Medicine
Department (of the Teacher)	Neuro-psychiatry, Endocrinology, Forensic Pathology, Sciences of Behavior
Title of the Course	Legal Protection of Mother and Child
Area of Ethics	Ethics and law
Responsible Teacher	Yvette Astaracelose <a href="mailto:yvetta.astaracelose@umfiasi.ro">yvetta.astaracelose@umfiasi.ro</a> Academic Background: Medicine, Law
Teaching Team	Deaneta Gabriela Ionescu 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	36
Course Status	Mandatory
Educational Objectives	Awareness of normative dimensions Moral sensitivity Good conduct Identification of moral issues Knowledge/information Understanding/explaining Analysis/assessing 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 statute for the midwife profession in Romania - discussion of the law 307/2004 - patients' rights in Romania - discussion of law 49/2003 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. Briceanu: Medicina legala, (Textbook of legal medicine) - Codul deontologic roman, (The Romanian deontological code) - Leges deplurimae postulator (The patient's rights law)
Recommended Study Materials	- Revista romana de bioetica (Romanian Journal of bioethics) - Y. Astaracelose: Esentiale in Bioetica, (The essentials of bioethics) - Bealito Ionescu, Cristina Gavruta, Y. Astaracelose: 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 Report of the IBC - Genetic Screening and Testing - 1994 - Confidentiality and Genetic Data - 1994
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 Assisted Ethics and Law Bioethics Ethics and Law Bioethics Ethics and Law Biobanking

Figure 11: GEObs3 View Page

# 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)

**Global Ethics Observatory (GEObs)**

Home GEObs1 GEObs2 GEObs3 GEObs5 Geographical Search

**Database 4: Legislation and guidelines**

Find a legislation or a guideline

There are currently 4 countries and 58 instruments registered in the database.

**Region** Select a region: [dropdown]

**Country** Select a country: [dropdown]

**Themes**

- Any
- 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
- Ethics committees

**Topics from declaration** Select a declaration: [dropdown]

**Legal categories**

- Any
- Treaties [List all Treaties]
- Constitution
- Domestic laws
- Authoritative case laws
- Guidelines

Search

**Topics from declaration** Universal Declaration on Bioethics and Human Rights

- Any
- Article 03: Human dignity and human rights
- Article 04: Benefit and harm
- Article 05: Autonomy and individual responsibility
- Article 06: Consent
- Article 07: Persons without the capacity to consent
- Article 08: Respect for human vulnerability and personal integrity
- Article 09: Privacy and confidentiality
- Article 10: Equality, justice and equity
- Article 11: Non-discrimination and non-stigmatization
- Article 12: Respect for cultural diversity and pluralism
- Article 13: Solidarity and cooperation
- Article 14: Social responsibility and health
- Article 15: Sharing of benefits
- Article 16: Protecting future generations
- Article 17: Protection of the environment, the biosphere and biodiversity
- Article 18: Decision-making and addressing bioethical issues
- Article 19: Ethics committees
- Article 20: Risk assessment and management
- Article 21: Transnational practices
- Article 22: Role of States
- Article 23: Bioethics education, training and information

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.

## 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.

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	Guidelines
View Brazil	Code of Medical Ethics Resolution n. 1.246/88 of the Federal Council of Medicine	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	Constitution
View Ethiopia	Constitution of the Federal Democratic Republic of Ethiopia	Medical research with human beings	Constitution
View Brazil	Constitution of the Federative Republic of Brazil	Access to health care and essential medicines	Constitution
		Genetic counselling	

**Figure 13:** GEObs4 Search Results Page

<b>Title:</b>	<b>The Jordanian Constitution and its amendments</b>
<a href="#">[comments]</a>	
<b>Legal Category:</b>	Constitution
<b>Country:</b>	<a href="#">Jordan</a>
<b>Year of adoption:</b>	1952
<b>Year of entering into force:</b>	1952
<b>Year of publication:</b>	1952
<b>Applicable topics from Declarations:</b>	<p><b>Theme: Medical research with human beings</b>  <b>Declaration: Universal Declaration on Bioethics and Human Rights</b>  Article 03: Human dignity and human rights</p> <hr/> <p><b>Theme: Access to health care and essential medicines</b>  <b>Declaration: Universal Declaration on Bioethics and Human Rights</b>  Article 03: Human dignity and human rights  Article 10: Equality, justice and equity</p> <hr/> <p><b>Theme: Genetic counselling</b>  <b>Declaration: Universal Declaration on Bioethics and Human Rights</b>  Article 03: Human dignity and human rights</p>
<b>Short description:</b>	<p><b>Theme: Medical research with human beings</b>  <b>Declaration: Universal Declaration on Bioethics and Human Rights</b>  <b>Declaration Art. 03</b>  Art. 7:  "Personal freedom shall be guaranteed."</p> <p><b>Declaration Art. 03</b>  Art. 8:  "No person may be detained or imprisoned except in accordance with the provisions of the law."</p> <hr/> <p><b>Theme: Access to health care and essential medicines</b>  <b>Declaration: Universal Declaration on Bioethics and Human Rights</b>  <b>Declaration Art. 03</b>  Art. 7:  "Personal freedom shall be guaranteed."</p> <p><b>Declaration Art. 03</b>  Art. 8:  "No person may be detained or imprisoned except in accordance with the provisions of the law."</p> <p><b>Declaration Art. 10</b>  Art. 6:  "(iii) Jordanians shall be equal before the law. There shall be no discrimination between them as regards to their rights and duties on grounds of race, language or religion.  (iv) The Government shall ensure work and education within the limits of its possibilities, and it shall ensure a state of tranquility and equal opportunities to all Jordanians."</p> <hr/> <p><b>Theme: Genetic counselling</b>  <b>Declaration: Universal Declaration on Bioethics and Human Rights</b>  <b>Declaration Art. 03</b>  Art. 7:  "Personal freedom shall be guaranteed."</p> <p><b>Declaration Art. 03</b>  Art. 8:  "No person may be detained or imprisoned except in accordance with the provisions of the law."</p>

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.

## 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.

The screenshot shows the search interface for the Global Ethics Observatory (GEObs). At the top, there are language options: Français, Español, Русский, العربية, and 中文. Below this is the GEObs logo and a navigation menu with links for Home, GEObs1, GEObs2, GEObs3, GEObs4, and Geographical Search. The main heading is 'Database 5: Codes of Conduct'. Below this, it says 'Find a code of conduct' and 'There are currently 103 codes of conduct registered in the database.' The search form includes a text input field for the search term, and several filter categories: Region (dropdown), Country (dropdown), Geographical coverage of the code (radio buttons for Any, Global, Regional, National), Profession and/or discipline (dropdown), Nature of the code (radio buttons for Any, Aspirational, Educational, Regulatory), Field of activity (dropdown), External principles (dropdown), and Internal principles (dropdown). A 'Search' button is located at the bottom of the filters.

Figure 15: GEObs5 Search Tool

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

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

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)

Database 5: Codes of Conduct

print | email data

ID	82
Title of the Code	Code of Ethics for All Individual Members <a href="#">Link to Code</a>
Provider of the code	Computer Society of Zimbabwe <a href="http://www.csz.org.zw/">http://www.csz.org.zw/</a>
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 <a href="#">▶ extract</a>
Internal principles	Confidentiality of Information <a href="#">▶ extract</a>

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](#)

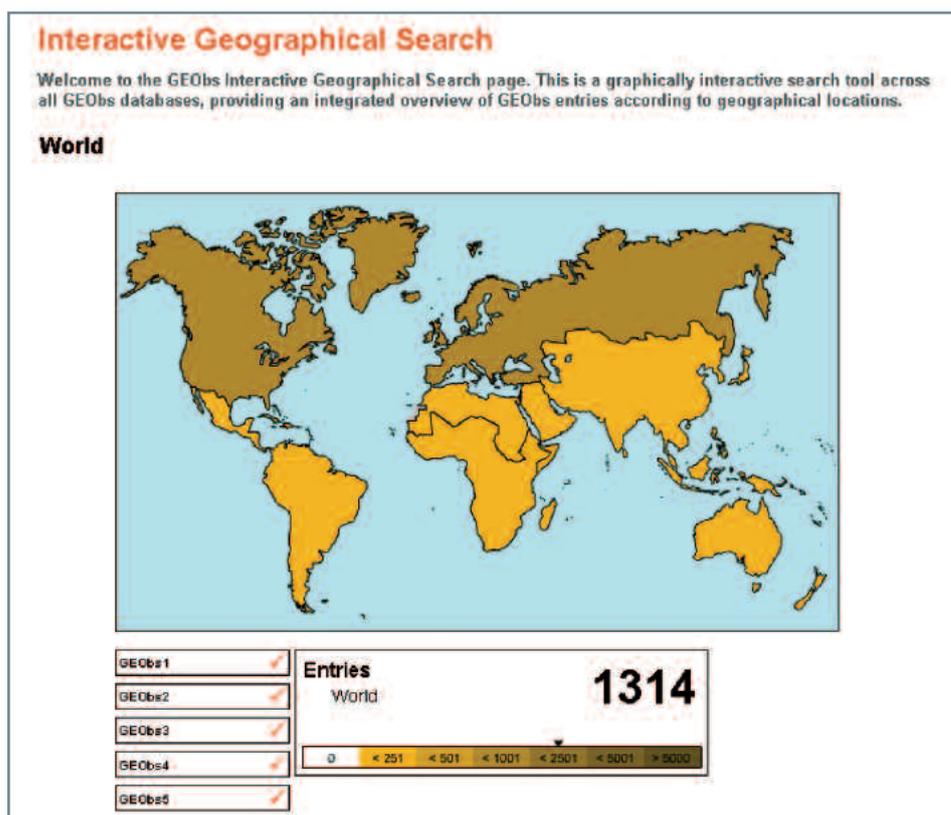
Work only in area of expertise [▶ extract](#)

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.

### Database Selection Tool

GEObs1	<input checked="" type="checkbox"/>
GEObs2	<input checked="" type="checkbox"/>
GEObs3	<input checked="" type="checkbox"/>

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

### Entries Display Tool

<b>Entries</b>
World
0 < 251 < 501 < 1001 < 2501 < 5001 > 5000

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

### Zoom Tool



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.

### Move Tool



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

### World View Tool

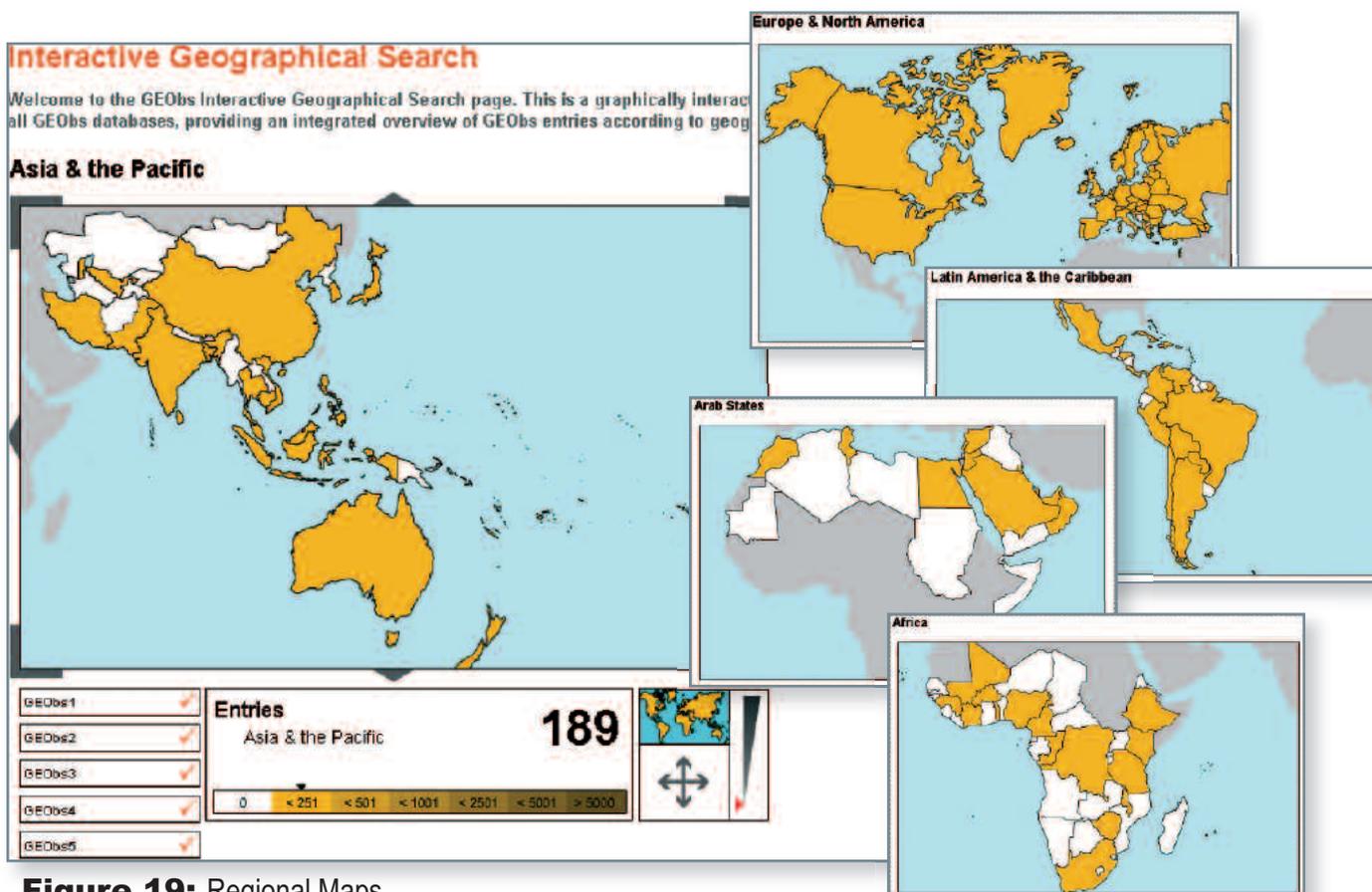


Figure 19: Regional Maps

**GEObs1****Who's Who in Ethics**

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

**GEObs2****Institutions**

	Official Name	Acronym
<a href="#">View</a>	Japan Association for Bioethics	JAB
<a href="#">View</a>	Research Center for Moral Science, The Institute of Moralogy	RCMS

**GEObs3****Teaching Programmes****No entries****GEObs4****Legislation and Guidelines**

	Instrument
<a href="#">View</a>	<b>Civil Law</b>
<a href="#">View</a>	<b>Constitution of Japan</b>
<a href="#">View</a>	<b>Criminal Code</b>
<a href="#">View</a>	<b>Ethical Guidelines for Human Genome and Genetic Research</b>
<a href="#">View</a>	<b>Ethical Guidelines on Clinical Research</b>
<a href="#">View</a>	<b>Fundamental Principles of Research on the Human Genome</b>
<a href="#">View</a>	<b>Guidelines for Genetic Tests</b>
<a href="#">View</a>	<b>Guidelines on Clinical Research</b>
<a href="#">View</a>	<b>Medical Act</b>
<a href="#">View</a>	<b>Regulation on standard of clinical trial of new drug</b>

**GEObs5****Codes of Conduct**

	ID	Title of the Code	Provider of the code	Profession and/or discipline	Geographical coverage
<a href="#">View</a>	114	Code of Ethics	Atomic Energy Society of Japan	Architects, engineers and related professionals	National
<a href="#">View</a>	29	Code of Ethics of the Information Processing Society of Japan	Information Processing Society of Japan	Computing professionals	National
<a href="#">View</a>	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](mailto:geobs@unesco.org)  
Website: [www.unesco.org/shs/ethics/geobs](http://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](http://www.unesco.org/shs/ethics)