
Appendix 8 – Inventory of significant global science organisations, grouped by disciplines

Biology, agriculture and food

Main activities

- Food and Agriculture Organisation of the United Nations (FAO);
- Global Biodiversity Information Facility (GBIF);
- International Cell Research Organisation (ICRO);
- International Union of Biological Sciences (IUBS);
- International Union of Food Science and Technology (IUFoST);
- International Union of Forestry Research Organisations (IUFRO);
- International Union of Microbiological Societies (IUMS);
- International Union of Nutritional Sciences (IUNS);
- World Conservation Union (IUCN).

Other activities

- International Centre for Genetic Engineering and Biotechnology;
- International Dairy Federation (IDF);
- International Life Sciences Institute (ILSI).

Earth sciences, climate and environment

Main activities

- Global Climate Observing System (GCOS);
- Global Ocean Observing System (GOOS);
- Global Terrestrial Observing System (GTOS);
- Integrated Global Observing Strategy (IGOS);
- Integrated Ocean Drilling Program (IODP);
- Intergovernmental Oceanographic Commission (IOC);
- International Cartographic Association (ICA);
- International Federation of Surveyors (FIG);
- International Geographic Union (IGU);
- International Geological Correlation Programme (IGCP);
- International Group of Funding Agencies for Global Change Research (IGFA);
- International Hydrological Programme (IHP);
- International Polar Year (IPY);

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- International Programme of Biodiversity Science (DIVERSITAS);
 - International Society for Photogrammetry and Remote Sensing (ISPRS);
 - International Society of Soil Science (IUSS);
 - International Union of Geodesy and Geophysics (IUGG);
 - International Union of Geological Sciences (IUGS);
 - International Union for Quaternary Research (INQUA);
 - Joint Global Ocean Flux Study (JGOFS);
 - Man and the Biosphere (MAB);
 - Millennium Ecosystem Assessment (MA);
 - International Geosphere-Biosphere Programme (IGBP);
 - Scientific Committee on Antarctic Research (SCAR);
 - Scientific Committee on the Lithosphere (SCL);
 - Scientific Committee on Oceanic Research (SCOR);
 - Scientific Committee on Problems of the Environment (SCOPE);
 - United Nations Environment Program (UNEP);
 - United Nations Framework Convention on Climate Change (UNFCCC);
 - United Nations World Water Assessment Programme (WWAP);
 - World Climate Research Programme (WCRP);
 - World Meteorological Organisation (WMO).

Other activities

- ICSU Advisory Committee on the Environment (ACE);
- GEWEX;
- Global Change System for Analysis, Research and Training (START);
- Global Water Research Coalition (GWRC);
- International Association of Geochemistry and Cosmochemistry (IAGC);
- International Association of Geodesy (IAG);
- International Association of Geomagnetism and Aeronomy (IAGA);
- International Association of Hydraulic Engineering and Research (IAHR);
- International Association of Hydrological Sciences (IAHS);
- International Association of Meteorology and Atmospheric Sciences (IAMAS);
- International Association for the Physical Sciences of the Ocean (IAPSO);
- International Association of Seismology and Physics of the Earth's Interior (IASPEI);
- International Association of Volcanology and Chemistry of the Earth's Interior (IAVCEI);
- International Mineralogical Association (IMA);
- International Palaeontological Association (IPA);
- International Water Association (IWA).

Education

- International Council of Associations for Science Education (ICASE);
- International Technology Education Association (ITEA).

Information and communications

Main activities

- Committee on Data for Science and Technology (CODATA);
- International Council for Scientific and Technical Information (ICSTI);
- International Federation for Information Processing (IFIP);
- International Federation of Library Associations and Institutions (IFLA);
- International Federation of Science Editors (IFSE);
- International Network for the Availability of Scientific Publications (INASP);
- International Telecommunication Union (ITU);
- Panel on World Data Centres (WDC).

Other activities

- ICSU Committee on the Dissemination of Scientific Information (CDSI);
- ICSU Committee on Freedom in the Conduct of Science (SCFCS);
- International Federation for Information and Documentation (FID).

Medical, health and physiology

Main activities

- Council for International Organisations of Medical Sciences (CIOMS);
- Global Forum for Health Research;
- Human Frontier Science Program;
- International Brain Research Organisation (IBRO);
- International Council for Laboratory Animal Science (ICLAS);
- International Union Against Cancer (UICC);
- International Union of Immunological Societies (IUIS);
- International Union of Pharmacology (IUPHAR);
- International Union for Physical and Engineering Sciences in Medicine (IUPESM);
- International Union of Physiological Sciences (IUPS);
- International Union of Psychological Science (IUPsyS);
- International Union of Toxicology (IUTOX);
- World Health Organisation (WHO).

Other activities

- Inter-Academy Medical Panel (IAMP);
- International Society of Endocrinology (ISE);
- Tobacco Control Network (TCN).

Physical and social systems

Main activities

- Committee on Disaster Reduction (CDR);
- International Human Dimensions Programme on Global Change (IHDP);
- International Institute for Applied Systems Analysis (IIASA);
- International Social Science Council (ISSC);
- International Union of Anthropological and Ethnological Sciences (IUAES);
- International Union of the History and Philosophy of Science (IUHPS).

Other activities

- ICSU Economics and Social Committee (ECOSOC);
- ICSU International Decade for Natural Disaster Reduction (IDNDR).

Physics, mathematics and chemistry

Main activities

- International Federation for the Promotion of Mechanism and Machine Science (IFTToMM);
- International Federation of Societies for Electron Microscopy (IFSEM);
- International Mathematical Union (IMU);
- International Radiation Protection Association (IRPA);
- International Union of Biochemistry and Molecular Biology (IUBMB);
- International Union of Crystallography (IUCr);
- International Union of Pure and Applied Biophysics (IUPAB);
- International Union of Pure and Applied Chemistry (IUPAC);
- International Union of Pure and Applied Physics (IUPAP);
- International Union of Theoretical and Applied Mechanics (IUTAM);
- International Union for Vacuum Science Technique and Applications (IUVSTA);
- Scientific Committee on Solar-Terrestrial Physics (SCOSTEP).

Other activities

- International Commission for Acoustics (ICA);
- International Commission for Optics (ICO);
- International Institute of Refrigeration (IIR).

Radio and space

- Committee on Space Research (COSPAR);
- Federation of Astronomical and Geophysical Data Analysis Services (FAGS);
- International Astronomical Union (IAU);
- International Space Environment Service (ISES);
- Committee on Frequency Allocations for Radio Astronomy and Space Science (IUCAF);
- Union Radio Scientifique Internationale (URSI).

Regional and world groupings

- Academia De Ciencias de America Latina (ACAL);
- ICSU Committee on S & T in Developing Countries (COSTED);
- Federation of Asian Scientific Academies and Societies (FASAS);
- Inter-Academy Council (IAC);
- Inter-Academy Panel (IAP);
- International Atomic Energy Agency (IAEA);
- International Council for Science (ICSU);
- International Energy Agency (IEA);
- International Foundation for Science (IFS);
- Organisation for Economic Co-operation and Development (OECD);
- Pacific Science Association (PSA);
- ICSU Programme on Capacity Building in Science (PCBS);
- Scientific Committee on Antarctic Research (SCAR);
- Third World Economy of Sciences (TWAS);
- United Nations Educational, Scientific and Cultural Organisation (UNESCO).