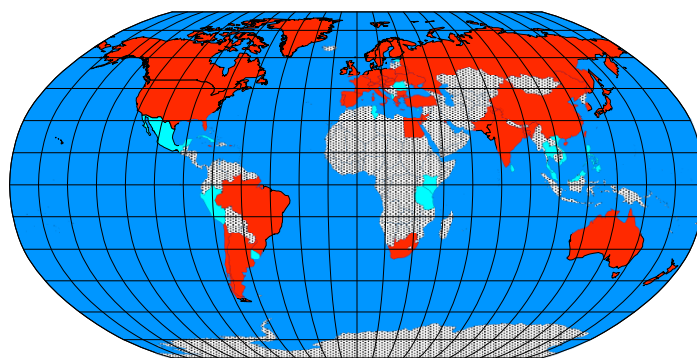


- **IUPAC's mission** is to advance the worldwide aspects of the chemical sciences and to contribute to the application of chemistry in the service of Mankind.
 - Promotes norms, values, ethics of science
 - Advocates free exchange of scientific information and access of scientists
 - Addresses global issues as a scientific, international, non-governmental, objective body

IUPAC Member Countries



49 National Adhering Organizations (NAOs)
19 Associate National Adhering Organizations (ANAOs)

IUPAC Organization

Divisions and Standing Committees manage IUPAC's scientific work

- Physical & Biophysical Chemistry
- Inorganic Chemistry
- Organic & Biomolecular Chemistry
- Polymer
- Analytical Chemistry
- Chemistry & the Environment
- Chemistry & Human Health
- Chemical Nomenclature & Structure Representation

- Committee on Chemistry and Industry (COCI)
- Committee on Chemistry Education (CCE)
- CHEMRAWN Committee
- Committee on Printed and Electronic Publications (CPEP)

Major IUPAC Activities

- Development of the Language of Chemistry
 - Nomenclature, Symbols, Terminology
- Standardization of Chemistry Methods
 - Data Presentation
 - Study of Analytic Methods
- Critical Evaluation of Physico-Chemical Data
 - Atomic Weights
 - Thermodynamic Data
 - Kinetic Data

Major IUPAC Activities (Cont.)

- Data Exchange Standards for Computers and Instruments
- Sponsorship of Conferences
 - Biennial IUPAC Congress
(Torino, Italy 2007, Glasgow, Scotland 2009)
 - More than 30 Specialized Symposia each Year
- Chemistry Education
- Industrial Safety and Environmental Programs
- CHEMRAWN Conferences addressing Chemistry and Societal Impact

Proposals for Projects

- **Anyone** with a good idea can submit a proposal. IUPAC projects address issues of significance to the global chemistry community:
 - Nomenclature, terminology, and symbols
 - Validated and compiled data
 - Standard methods and procedures
 - Education, public understanding of chemistry, and capacity building
 - Any subject that requires development of consensus among chemists worldwide
- **Outputs** can be Programmes of Activity, Workshops, Publications/Technical Reports/ White Books (e.g. Chlorine & Endocrine disruption)

More information: www.iupac.org

International Year of Chemistry 2011

Celebrate the art and science of Chemistry, its *ongoing* importance and its many contributions to human knowledge. Specifically it will aim to:

- Enhance international scientific cooperation.
- Serve as a focal point for activities by national chemical societies and other national bodies, educational institutions, non-governmental organizations *and Inter-governmental organizations*
- Improve the understanding and appreciation of chemistry among the public *across the world*
- Promote the role of chemistry in contributing to solutions to many global problems – *including the implementation of SAICM*
- Build capacity by engaging young people with scientific disciplines, especially the scientific method of analysis developed by hypothesis, experiment, analysis and conclusions.

Publications

- *Pure and Applied Chemistry*
 - IUPAC recommendations and reports, special topic articles, special topic editions (white books) and lectures from symposia.
- *Chemistry International*
 - Bimonthly news magazine
- Book series, includes
 - *Compendia of Nomenclature and Terminology*
 - *Chemistry for the 21st Century*
 - *International Thermodynamic Tables of the Fluid State*
 - *Analytical and Physical Chemistry of Environmental Systems*
 - *Solubility Data Series*
 - and others!



www.iupac.org

Connect with IUPAC

- Current IUPAC projects
- Reports and recommendations
- Conference Calendar
- E-news
- Nomenclature and Terminology
- Search - try “risk assessment” or “health” to give a sense of the breadth and depth of relevant IUPAC activities

IUPAC Objectives for SAICM Meeting 19th June 2008

- To build an understanding of the science issues that need to be assessed
- To understand how and when IUPAC might engage most effectively
- To inform SAICM secretariat of IUPAC capabilities and scope of expertise
- To enable recommendations for IUPAC engagement to be made to the Executive