

- Steps:**
1. Receipt at the Secretariat [including consultation with Div. Officers]
 2. Internal evaluation and identification of outside reviewers [DC evaluation]
 3. Distribution to the outside reviewers and gathering of the reviews
 4. Communication of the reviews to the Division(s) or Standing Committee(s) for final decision or recommendation to the Project Committee
 5. Consideration and action by the Project Committee [or submitted to SG and Treasurer]
- >0 Proposal to be resubmitted

2007-056-1- Study and Properties of Polyurethane Elastomers of Variable Crystallinity, Based on Flexible Hard Segments with 4,4'-Dibenzyl Diisocyanate (DBDI)

4 Cristina Prisacariu **Date submitted:** 17-Dec-07
Budget Requested in USD 5000 **Review Step** **date**
2 02-Jan-08

2007-058-1 Critically evaluated techniques for size separation characterization of starch

4 Bob Gilbert **Date submitted:** 23-Dec-07
Budget Requested in USD 9000 **Review Step** **date**
2 29-Jan-08

2008-002-1 A glossary of concepts and terms in chemometrics

5 Brynn Hibbert **Date submitted:** 07-Jan-08
Budget Requested in USD 5000 **Review Step** **date**
1 07-Jan-08

2008-001-1 Biophysico-chemical processes of anthropogenic organic compounds in environmental systems

6 Baoshan Xing **Date submitted:** 02-Jan-08
Budget Requested in USD 12500 **Review Step** **date**
2&3 08-Jan-08

2007-057-1 Crop Protection Chemistry in Latin America: Environment, Safety, and Regulation - 3rd International Workshop on

6 Irene Alleluia **Date submitted:** 21-Dec-07
Budget Requested in USD 9000 **Review Step** **date**
4 24-Jan-07

2007-026-1 Soils contaminated with explosives – Environmental risk assessment and evaluation of state-of-the-art treatment processes

6 Dimitrios Kalderis **Date submitted:** 31-Jul-07
Budget Requested in USD 4500 **Review Step** **date**
4>1 21-Sep-07

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- Steps:**
1. Receipt at the Secretariat [including consultation with Div. Officers]
 2. Internal evaluation and identification of outside reviewers [DC evaluation]
 3. Distribution to the outside reviewers and gathering of the reviews
 4. Communication of the reviews to the Division(s) or Standing Committee(s) for final decision or recommendation to the Project Committee
 5. Consideration and action by the Project Committee [or submitted to SG and Treasurer]
- >0 Proposal to be resubmitted
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2007-050-2	Climate and Global Change: observed impacts on planet earth		
6, 1	Trevor Letcher	Date submitted:	07-Nov-07
	Budget Requested in USD 6000	Review Step	date
		5	16-Jan-08
2008-003-1	Regional Drinking Water Quality Assessment in the Near East (Palestinian Authority, Jordan, and Israel) – An Overview and Perspective		
6,021	Yehuda Shevah	Date submitted:	09-Jan-08
	Budget Requested in USD 20000	Review Step	date
		4	07-Feb-08
2007-033-1-	Revision of the "Silver Book" : Compendium of Terminology and Nomenclature of Properties in Clinical Laboratory Sciences		
7	Georges Féraud	Date submitted:	22-Aug-07
	Budget Requested in USD 13500	Review Step	date
		2 >0?	18-Sep-07
2007-053-1	Glossary of terms used in immunotoxicology		
7	Douglas M. Templeton	Date submitted:	28-Nov-07
	Budget Requested in USD 7500	Review Step	date
		4	07-Feb-08
TOTAL SUM Requested in USD		165680	

Objectives of the newly submitted proposals still under review.

The most recent at the top

<i>for administrative use only</i>	<i>Submitted 25 January 2008 ; # 2008-006-1-</i>
Date	25 January 2008
Project Title	Thermodynamic Study on Hydrogen Storage Materials: Metal Organic Frameworks and Metal or Complex Hydrides
Series Title (<i>if applicable</i>)	
Task Group Chairman	Li-Xian SUN Materials & Thermochemistry Laboratory Dalian Institute of Chemical Physics Chinese Academy of Sciences 457 Zhongshan Road Dalian 116023 China E-mail: lxsun@dicp.ac.cn
Name of the person submitting this form <i>if not the proposed Task Group Chairman</i>	(including address and e-mail) John H. Dymond 44 Dunmore Street Balfron, G63 0TX United Kingdom E-mail: dunmorecot@tiscali.co.uk
Objective	To investigate the thermodynamics of hydrogen production and storage, as a basis for the development of materials with improved hydrogen storage capability. This will be a systematic study of hydrogen adsorption/absorption by divided/confined materials (frameworks, for example Metal Organic Frameworks, MOFs), and the study of hydrogen production by (thermal) decomposition of Metal Hydrides (MHs), and Inorganic Hydrides (Complex Hydrides). The project will consist of 3 major components: a. Measurement of the energies of adsorption/ absorption or decomposition, and the volumes of hydrogen adsorbed / absorbed or produced. b. Establishing a comprehensive bibliography. c. Creating an open domain XML-based Web archive so that the results will be freely available.

<i>for administrative use only</i>	<i>Submitted 9 January 2008 ; # 2008-003-1</i>
Date	<i>Jan-1, 2008</i>
Project Title	Regional Drinking Water Quality Assessment in the Near East (Palestinian Authority, Jordan, and Israel) – An Overview and Perspective

Series Title (<i>if applicable</i>)	
Task Group Chairman	<i>Yehuda Shevah</i> 6B Gazit St. Tel-Aviv, Israel ysheva@gmail.com
Name of the person submitting this form <i>if not the proposed Task Group Chairman</i>	(including address and e-mail)
Objective	The objectives of this project are: <ul style="list-style-type: none"> • To assess the quality of the drinking water supplied to the population in the working area (Palestinian Authority, Jordan, Israel) • To identify major anthropogenic pollutant sources • To standardize drinking water and wastewater sampling and testing methods and comparative risk analysis • To recommend feasible strategies for remediation and treatment, both in general and for selected cases, in particular.

<i>for administrative use only</i>	<i>Submitted 7 Jan 2008 ; # 2008-002-1</i>
Date	2007-12-18
Project Title	A glossary of concepts and terms in chemometrics
Series Title (<i>if applicable</i>)	
Task Group Chairman	Professor D Brynn Hibbert, School of Chemistry, University of New South Wales, Sydney, NSW 2052, Australia b.hibbert@unsw.edu.au
Objective	Overall: To provide a glossary of IUPAC-recommended concepts and terms for use by the chemometrics community. This project: To establish the scope of the problem, and to set up the consultation process (via a wiki) of draft terms.

<i>for administrative use only</i>	<i>Submitted 2 Jan 2008 ; # 2008-001-1-</i>
Date	January 1, 2008
Project Title	Biophysico-Chemical Processes of Anthropogenic Organic Compounds in Environmental Systems
Series Title (<i>if applicable</i>)	Biophysico-Chemical Processes in Environmental Systems

Task Group Chairman	Prof. Dr. Baoshan Xing Department of Plant, Soil and Insect Sciences Stockbridge Hall University of Massachusetts, Amherst, MA 01003, USA Tel.: 001-413-5455212 Fax: 001-413-5453958 e-mail: bx@pssci.umass.edu
Objective	Overall goal is to provide the scientific and professional communities with an up-to-date information and critical evaluation by the word-leading scientists on biophysico-chemical processes of anthropogenic organic compounds (AOCs) in soils, sediments, water and air. The specific objectives of this proposed book are to address: (1) fundamental biophysico-chemical processes of AOCs in the environment, (2) occurrence and distribution of AOCs in air, water, and soil, and their global cycling, (3) the state-of-the-art analytical techniques of AOCs, and (4) restoration of natural environments contaminated by AOCs. The proposed book will also identify the gaps in knowledge on the subject matter and as such provide future directions to stimulate scientific research to advance the chemical science on biophysico-chemical interfacial reactions of AOCs in various environmental media, leading to the subsequent development of innovative management strategies to sustain environmental quality and ecosystem health on a global scale. This book will be an important addition to the scientific literature and a valuable source of reference for students, professors, scientists and engineers.

<i>for administrative use only</i>	<i>Submitted 28 Dec 2007 ; # 2007-059-1</i>
Date	28 December 2008
Project Title	Heat Capacities of Liquids and Vapours
Series Title (<i>if applicable</i>)	
Task Group Chairman	1. Professor Trevor Letcher, Laurel House, FosseWay, Stratton on the Fosse, BA3 4QN, United Kingdom. Tel 10761-232311, trevor@letcher.eclipse.co.uk 2. Professor Emmerich Wilhelm Department of Chemistry, University of Vienna, Währinger Strasse 42, A-1090, Vienna, Austria, Emmerich.wilhelm@univie.ac.at
Objective	The purpose is to produce a single, up-to-date volume on all aspects of HEAT CAPACITY for Liquids and

	Vapours, Pure Substances and Mixtures written by the world's experts in each of about 20 subject areas.
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<i>for administrative use only</i>	<i>Submitted 23 Dec 2007 ; # 2007-058-1</i>
Date	Saturday, 22 December 2007
Project Title	Critically evaluated techniques for size separation characterization of starch
Series Title (<i>if applicable</i>)	
Task Group Chairman	Professor Robert G Gilbert Centre for Nutrition & Food Science Hartley Teakle Bld S434 University of Queensland Brisbane Qld 4072 Australia b.gilbert@uq.edu.au
Objective	To produce a reliable means of characterize starch by size separation techniques (such as size exclusion chromatography and field-flow fractionation), by critically examining and reconciling the various, and presently rather diverse, methodologies developed independently by leading groups in the field

<i>for administrative use only</i>	<i>Submitted 21 Dec 2007 ; # 2007-057-1-</i>
Date	21 December 2007
Project Title	3 rd International Workshop on Crop Protection Chemistry in Latin America: Environment, Safety, and Regulation
Series Title (<i>if applicable</i>)	This would be the 8 th in a series of regional crop protection chemistry workshop-related projects sponsored by IUPAC since 1988 and the 3 rd held in Latin America.
Task Group Chairman	Prof. Irene Baptista De Alleluia Instituto Nacional de Tecnologia Divisao de Meio Ambiente Av. Venezuela, 82 20081-310 Rio de Janeiro, RJ BRAZIL Phone: +55 21 2206 1104 Fax: +55 21 2206 1107 Email: irene.alleluia@gmail.com Email: garp@garp.org.br
Name of the person submitting this form <i>if not the proposed</i>	Dr. Kenneth D. Racke, Chair IUPAC Division VI Subcommittee on

<p><i>Task Group Chairman</i></p>	<p>Crop Protection Chemistry c/o Dow AgroSciences 9330 Zionsville Road, Bldg 308/2E Indianapolis, IN 46268 USA Phone: +1 317 337 4654 Email: kracke@dow.com</p>
<p>Objective</p>	<p>Crop protection chemistry is at a critical juncture in Latin America. The region is self-sufficient in food production and there is a resulting need for reliance on agrochemicals and biotechnology for crop protection purposes. In addition to local consumption, export of agricultural products is also a major source of income for some countries within the region, with Europe and the U.S. being two of the most important export destinations. The scientific study, evaluation, and regulation of crop protection chemistry are evolving rapidly in Latin America, particularly with respect to environmental assessment, product quality, and residues in food. There is a growing desire on the part of scientists, regulators, and industry leaders in the region to consider and adopt international approaches to meet Latin American crop protection chemistry needs. Some of the impetus driving this interest is the increased participation in world trade that has occurred during the past decade, which has brought new challenges to the agricultural exporting countries in the region. In the development and adoption of new approaches for crop protection chemistry, there is a need to consider lessons learned in other regions and to adapt for local use the various harmonized approaches which are now available. These include international recommendations and standards from such international bodies as OECD, FAO, and Codex as well as the recommendations of recently completed and ongoing IUPAC projects.</p> <p>The primary objectives of this project are to:</p> <ol style="list-style-type: none"> 1. Identify and prioritize the key regional issues related to crop protection chemistry and potential environmental impacts in Brazil and the whole of Latin America. 2. Facilitate exchange of information and ideas regarding harmonized approaches available for the scientific evaluation and regulation of crop protection chemistry. 3. Develop recommendations for advancement of crop protection chemistry in Brazil and all of Latin America.

<i>for administrative use only</i>	<i>Submitted 17 Dec 2007; # 2007-056-1-</i>
Date	17/12/2007
Project Title	Study and Properties of Polyurethane Elastomers of Variable Crystallinity, Based on Flexible Hard Segments with 4,4'-Dibenzyl Diisocyanate (DBDI).
Series Title (<i>if applicable</i>)	
Task Group Chairman	Dr. Cristina Prisacariu, Institute of Macromolecular Chemistry "Petru Poni", Aleea Grigore Ghica Voda, Nr. 41 A, 700487, Iasi, Romania; Email: crispris@icmpp.ro Email: cristinaprisacariu@yahoo.com
Objective	To evaluate and improve understanding of the relationship between molecular/supramolecular architecture, and useful physical/mechanical properties, for a uniquely versatile family of polyurethanes categorized in engineering elastomers, based on flexible hard segments associated with a higher tendency to crystallization; the study and quantitative modelling of their mechanical properties.

<i>for administrative use only</i>	<i>Submitted 4 Dec 2007 ; # 2007-054-1</i>
Date	19 th November 2007
Project Title	Assessment of relativistic quantum chemical methodologies in pure and applied chemistry
Series Title (<i>if applicable</i>)	
Task Group Chairman	Stephen Cooke University of North Texas Department of Chemistry Box 305070 Denton, Texas 76203-5070 sacooke@unt.edu
Objective	(<50 words) The objectives of this project are: (1) To review and identify relativistic effects in pure and applied chemistry. (2) To assess the performance of the relativistic quantum mechanical methods used by comparison with relevant experimental data.

<i>for administrative use only</i>	<i>Submitted 28 Nov 2007; # 2007-053-1-</i>
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Date	2007-11-28
Project Title	Glossary of Terms Used in Immunotoxicology
Series Title (<i>if applicable</i>)	
Task Group Chairman	Prof. Douglas M. Templeton University of Toronto Department of Lab. Medicine & Pathobiology 1 King's College Circle Toronto, ON M5S 1A8, Canada Tel: +1 416-978-3972 Fax +1 416-978-5959 e-mail: doug.templeton@utoronto.ca
Objective	To prepare a glossary defining terms in the specialized field of immunotoxicology, to supplement the recently published Glossary of Terms Used in Toxicology (2 nd ed.), and aid chemists in the interpretation of the output of project #1999-047-1-700, Immunochemistry of Metals.

<i>for administrative use only</i>	<i>Submitted 7 Nov 2007 ; # 2007-050-1-</i>
Date	6 November 2007
Project Title	Climate and Global Change: observed impacts on planet earth
Series Title (<i>if applicable</i>)	
Task Group Chairman	(including address and e-mail) Professor Trevor Letcher, Laurel House, FosseWay, Stratton on the Fosse, BA3 4QN, United Kingdom. Tel 10761-232311, trevor@letcher.eclipse.co.uk
Objective	(<50 words) The objective of the book is to have all the scientific arguments and evidence relating to 'climate and global change' in one book, with each chapter written by an expert scientist working in the relevant field. The book will be an unemotional presentation of the facts and should become a standard reference in the field for years to come. It is an honest answer to the large amount of misinformation that is being generated about the subject.

<i>for administrative use only</i>	<i>Submitted 1 October 2007 ; # 2007-038-1-</i>
Date	September 29, 2007
Project Title	Development of an Isotopic Periodic Table for the

	Educational Community
Task Group Chairman	(including address and e-mail) Dr. Norman E. Holden Brookhaven National Laboratory Building 197D National Nuclear Data Center Upton, NY 11973, USA Tel: +1 631 344 4268 Fax: +1 631 344 2806 (secretary: +1 631 344 2902) Email: holden@bnl.gov
Objective	The objective of this project is to clarify the role of isotopes in chemistry and other sciences..

<i>for administrative use only</i>	Submitted 22 August 2007 ; # 2007-033-1
Date	1 August 2007
Project Title	Revision of the "Silver Book" : Compendium of Terminology and Nomenclature of Properties in Clinical Laboratory Sciences (IUPAC and IFCC Recommendations 1995) J.C. Rigg, S.S. Brown, R. Dybkaer, H. Olesen
Series Title (<i>if applicable</i>)	Updating of the "Color Books"
Task Group Chairman	Prof. G. Férard 7 rue des Jardins Fleuris, 67000 Strasbourg, France Phone: +33388312860 E-mail: georges.ferard@noos.fr
Objective	Update all the ten chapters of the first edition of the Silver Book to integrate recommendations and standards published by IUPAC, IFCC and ISO...

<i>for administrative use only</i>	Submitted 8 August 2007 ; # 2007-030-1
Date	August 5, 2007
Project Title	Evaluation of Radiogenic Abundance Variations in Selected Elements
Task Group Chairman	Dr. Norman E. Holden Brookhaven National Laboratory Building 197D National Nuclear Data Center Upton, NY 11973, USA Tel: +1 631 344 4268 Fax: +1 631 344 2806 (secretary: +1 631 344 2902) Email: holden@bnl.gov

Name of the person submitting this form <i>if not the proposed Task Group Chairman</i>	Dr. Tyler B. Coplen U.S. Geological Survey 431 National Center 12201 Sunrise Valley Drive Reston, VA 20192, USA Tel: +1 703 648-5862 Fax: +1 703 648 5274 Email: tbcoplen@usgs.gov
Objective	The purpose of this project is to evaluate isotopic abundance variations in selected elements, including Re, Os, Rb, Sr, K, Nd, Sm, Hf, Lu, and Ar in a range of materials, based on peer-reviewed measurements, to create graphical plots of these data, and to provide CIAAW with information to update the Table of Standard Atomic Weights.

<i>for administrative use only</i>	<i>Submitted 8 August 2007 ; # 2007-029-1</i>
Date	August 3, 2007
Project Title	Evaluation of Isotopic Abundance Variations in Selected Heavier Elements
Task Group Chairman	Prof. Dr. Xiangkun Zhu Director of the Laboratory of Isotope Geology Institute of Geology Chinese Academy of Geological Sciences 26 Baiwangzhuang Road Beijing 100037 P. R. China Email: xiangkun@cags.net.cn
Name of the person submitting this form <i>if not the proposed Task Group Chairman</i>	Dr. Tyler B. Coplen U.S. Geological Survey 431 National Center 12201 Sunrise Valley Drive Reston, VA 20192, USA Tel: +1 703 648-5862 Fax: +1 703 648 5274 Email: tbcoplen@usgs.gov
Objective	The purpose of this project is to evaluate isotopic abundance variations of selected elements, including Ca, Ti, Cr, Fe, Ni, Cu, Zn, Se, Mo, and Cd in a range of materials, based on peer-reviewed measurements, to make graphical plots of these data and to provide CIAAW with information to update the Table of Standard Atomic Weights.

<i>for administrative use only</i>	<i>Submitted 31 July 2007 ; # 2007-026-1-</i>
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Date	31 th of July 2007
Project Title	Soils contaminated with explosives – Environmental risk assessment and evaluation of state-of-the-art treatment processes
Task Group Chairman	Dr. Dimitrios Kalderis Department of Environmental Engineering Technical University of Crete University Campus, Chania, Crete Greece, 73100 e-mail: dimitrios.kalderis@enveng.tuc.gr
Objective	To collect and review all published data on explosives contamination of soils To provide a comprehensive environmental and human health risk assessment on soils contaminated with explosives (bioavailability, degradation pathways etc) To evaluate and compare all the current treatment processes and determine the optimum treatment scheme, based on factors such as efficiency, cost, duration of treatment and others.