

IUPAC

Advancing Chemistry Worldwide



Statutes, Bylaws, and Standing Orders 2022

STATUTES, BYLAWS, AND STANDING ORDERS: 2022

Contents

Statutes	2
Bylaws	12
Standing Orders for Standing Committees	
Committee on Chemistry Education (CCE)	21
Centenary Endowment Board (CEB)	22
Committee on Ethics, Diversity, Equity and Inclusion (CEDEI)	23
CHEMRAWN Committee (Chemical Research Applied to World Needs)	24
Committee on Chemistry and Industry (COCI)	25
Committee on Publications and Cheminformatics Data Standards (CPCDS)	26
Evaluation Committee (EvC)	27
Finance Committee (FC)	28
Interdivisional Committee on Green Chemistry for Sustainable Development (ICGCSD)	29
Interdivisional Committee on Terminology, Nomenclature and Symbols (ICTNS)	31
<i>Pure and Applied Chemistry</i> Editorial Advisory Board (PAC-EAB)	32
Project Committee (PC)	33

Statutes and Bylaws as adopted by the Council, Madrid, Spain, on 9 September 1975. Incorporating additions and amendments approved.

Davos, Switzerland, on 9–10 September 1979
Leuven, Belgium, on 1–2 September 1981
Lyngby, Denmark, on 25–26 August 1983
Lyon, France, on 6–7 September 1985
Lund, Sweden, on 16–17 August 1989
Hamburg, Germany, on 14–15 August 1991
Lisbon, Portugal, on 11–12 August 1993
Guildford, UK, on 10–11 August 1995
Geneva, Switzerland, on 29–30 August 1997
Berlin, Germany, on 13–14 August 1999
Brisbane, Australia, on 7–8 July 2001
Glasgow, UK, on 5–6 August 2009
São Paulo, Brazil, on 12–13 July 2017
Special Meeting, virtual on 5 May 2021
Council Meeting, virtual on 13–15 August 2021
Special Meeting, virtual on 4 June 2022

Preamble

- P1 The Statutes and Bylaws should be read in the context of the following statements that reflect the core values of the International Union of Pure and Applied Chemistry (IUPAC).**
- P1.1 The Union will observe the basic policy of political nondiscrimination and affirms the rights of chemists of any country to adhere to or to associate with international activity in the field of chemistry without regard to race, religion, or political philosophy.
- P1.2 Scientific excellence and objectivity are the cornerstones of all IUPAC work.
- P1.3 IUPAC will value collaboration and communication among all our stakeholders.
- P1.4 IUPAC will strive for diversity and inclusiveness in all forms.
- P1.5 IUPAC members will respect each other and the Union.
- P1.6 IUPAC members will uphold the highest standards of transparent, responsible and ethical behavior.

Statutes

S1 Definition of the Union

The International Union of Pure and Applied Chemistry (IUPAC) (hereafter referred to as “the Union”) is a voluntary, nongovernmental, nonprofit association of organizations each representing the chemists of a member country, a member country being a country whose National Adhering Organization has joined the Union.

S2 Objectives

The objectives of the Union are as follows:

- S2.1 to promote continuing cooperation among the chemists of the member countries;
- S2.2 to study topics of international importance to pure and applied chemistry which need standardization or codification;
- S2.3 to cooperate with other international organizations that deal with topics of a chemical nature;
- S2.4 to contribute to the advancement and understanding of pure and applied chemistry in all its aspects.

S3 Membership

- S3.1 A country may join the Union through only one national organization representing its chemists. This National Adhering Organization may be a national chemical council, a national society representing chemistry, a national academy of science, or any other institution or association of institutions representative of national chemical interests.
- S3.2 The National Adhering Organizations are the Members of the Union.
- S3.3 A country requesting admission to the Union shall provide full information about its proposed National Adhering Organization.
- S3.4 A National Adhering Organization may withdraw from the Union provided that it has fulfilled its financial obligations or may be removed from the Union for failure to fulfill such obligations.

S4 Organization

- S4.1 The organization of the Union comprises its Council, an Executive Board, a Science Board, Standing Committees, Divisions, Commissions, and other appropriate bodies as determined by the Council.
- S4.2 A General Assembly of the International Union of Pure and Applied Chemistry shall be held normally each second year and shall consist of a set of meetings of the Council and such other bodies of the Union as the Executive Board shall decide. Where the duration of office of Officers of the Union, Elected Members of the Executive Board and Science Board, and Titular Members and Associate Members of Division Committees, Commissions, or other bodies of the Union is referred to in these Statutes, it shall begin on 1 January of the year following their election at a General Assembly and shall end on 31 December of the year when the appointment is due to terminate. In the filling of casual vacancies, the Executive Board may authorize an appointment to Division Committees, Commissions, and other bodies of the Union except for the Executive Board and Science Board, to begin at an intermediate date. Any such appointment should be regarded as dating from 1 January of the year following the previous General Assembly in respect of the period of office for Division Committees, and Commissions. No person shall hold more than three appointments to bodies of the Union, except at the discretion of the Executive Board in respect of membership of a subcommittee or acting as an official representative within or outside the Union.
- S4.3 The official headquarters of the Union shall be in Zürich (Switzerland) until otherwise decided by the Council. Any change in location requires the approval of two-thirds of the total number of votes assigned to the National Adhering Organizations.
- S4.4 The legal domicile of the Union is accepted by Finanzdirektion des Kantons Zürich as an Association under Swiss Law and for legal purposes the Union will act in accordance with Articles 60 and following of the Swiss Civil Code and by the present Statutes.

S5 Council

- S5.1 The Council, to which the Executive Board, Science Board, Standing Committees, Divisions, Commissions, and all other bodies of the Union are responsible, is composed of the Delegations of the National Adhering Organizations. Each Delegation shall be assigned a specific number of votes/Delegates (1–6) according to principles decided by the Council. Each National Adhering Organization shall appoint its Delegates for every Council meeting.
- S5.2 Meetings of Council may be held in person, a combination of in person and virtual or as a purely virtual meeting; in the last case, the Chair of the meeting and a person who prepares the minutes must be physically present at the meeting in the same geographical location. Regular meetings of the Council shall take place every two years as part of a General Assembly. There shall be at least one National Adhering Organization forum, preferably by videoconference, held in intermediate years. Special meetings of Council may be convened by the President of the Union and shall be convened by the President at the request of one-third of the total number of National Adhering Organizations, which shall specify the reason for such requests.
- S5.3 No decision of the Council shall be valid unless taken at a meeting of the Council at which at least one-half of the maximum number of votes is represented.
- S5.4 For all voting by the Council, abstentions shall not be recorded as votes.
- S5.5 The voting procedure to be adopted is different according to whether a proposal is a scientific or nonscientific matter. The Presiding Officer (see S6.3) shall decide whether for the purpose of voting a matter shall be of a scientific or nonscientific nature, and that decision shall be final. The method of voting shall be specified in the Bylaws.
- S5.6 There shall be no voting by proxy.
- S5.7 Functions of the Council not mentioned in other Articles of these Statutes shall be as follows:
- S5.7.1 to discuss and determine the general policy of the Union;
 - S5.7.2 to elect the Officers of the Union and the Elected Members of the Executive Board and Science Board;
 - S5.7.3 to approve the Statutes and Bylaws of the Union and changes therein;
 - S5.7.4 to approve the terms of reference of the Executive Board, Science Board, Standing Committees, Divisions, Commissions, and all other bodies of the Union as prescribed in the Statutes and Bylaws;
 - S5.7.5 to receive and consider reports
 - (i) by the President on the state of the Union,
 - (ii) by the Executive Board, Science Board, Division Presidents, Standing Committee Chairs and other bodies of the Union;
 - S5.7.6 to ratify decisions taken by the Executive Board and Science Board between General Assemblies;

- S5.7.7 to consider and adopt or reject the accounts of the Union;
 - S5.7.8 to examine and establish the budget of the Union for the next two financial years;
 - S5.7.9 to determine the dates and place of General Assemblies and World Chemistry Congresses;
 - S5.7.10 to determine every four years, the one language in which the official records of the meetings of the Council, Executive Board and Science Board shall be kept and published;
 - S5.7.11 to take such other actions as are required in the exercise of its authority under the Statutes and Bylaws.
- S5.8 The official text of a report shall be in the official language of the Union.

S6 Officers

- S6.1 The Officers of the Union shall be the President, the Vice-President, the Past-President, the Secretary General, and the Treasurer.
- S6.2 The President shall hold office for two years and shall not be reelected.
- S6.3 The President as the administrative head of the Union shall preside at the meetings of the Council, of the Executive Board, and shall be *ex officio* a member of all bodies of the Union. The President may delegate power as chief representative of the Union and to preside, as Presiding Officer, at meetings to the Vice-President, to another Officer of the Union, or to an Elected Member of the Executive Board. When neither the President nor the Vice-President is able to perform the functions of the office of President, the Past-President or, if absent, an Elected Member of the Executive Board, chosen by its members, shall assume temporarily the office of President.
- S6.4 The President shall submit to each regular meeting of the Council a report on the general state of the Union.
- S6.5 The Vice-President, designated as President-Elect, shall assume the office of President in the event of the President being unable to perform the functions of that office, without prejudice to the forthcoming period of office as President.
- S6.6 The Vice-President shall submit to the Council a critical assessment of the programs and the projects of all IUPAC bodies.
- S6.7 The Secretary-General shall carry out the business of the Union as specified by the Council, by the Executive Board, by the Science Board, or by the President, and be responsible for keeping its records and for the administration of the Secretariat.
- S6.8 The Secretary General shall be elected for four years and be eligible for reelection up to a maximum of a further four years.
- S6.9 The Treasurer shall be responsible for the accounts of the Union, shall prepare a budget for approval by the Executive Board and the Council, following consultation with the

Science Board, shall approve expenditures from the funds of the Union, and, subject to the approval of the Executive Board, shall be responsible for the investment and custody of the funds of the Union. The Treasurer shall ensure that an appropriate record of all financial authorities and transactions is maintained.

- S6.10 The Treasurer shall be elected for four years and be eligible for reelection up to a maximum of a further four years.
- S6.11 To assist in the administration of the business of the Union, the Executive Board shall appoint an Executive Director responsible to the President and Executive Board (Council) through the Secretary-General and in financial matters through the Treasurer.
- S6.12 The Secretariat shall consist of an Executive Director and any such other staff as approved by the Executive Board.
- S6.13 The Council shall establish an Executive Board and a Science Board to act for the Union during intervals between meetings of the Council, except on matters specifically excluded from their delegated authority.
- S6.14 The Council shall establish Standing Committees to advise the President, the Executive Board and the Science Board; such bodies shall include a Finance Committee.

S7 Executive Board

- S7.1 The principal duties of the Executive Board and its members, subject always to the Statutes and Bylaws, are as follows:
- S7.1.1 to ensure the strict observance of the Statutes and Bylaws;
 - S7.1.2 to oversee the administrative operations of IUPAC and IUPAC finances and to inform the Science Board of the funding proposed to be available for the scientific activities of the Union;
 - S7.1.3 to hold joint meetings with the Science Board at least once per year;
 - S7.1.4 to prepare the meetings and the agenda for meetings of the Council, together with the Science Board, and to make provisions for elections;
 - S7.1.5 to make recommendations thereon to the Council;
 - S7.1.6 to attend the meetings of the Council;
 - S7.1.7 to implement the decisions of the Council and execute, together with the Science Board, the program of the Union as directed by the Council;
 - S7.1.8 to take steps to ensure that IUPAC World Chemistry Congresses are held;
 - S7.1.9 to take all other steps necessary for the good conduct of the affairs of the Union.

- S7.2 The Executive Board shall consist of the President, as Chair, the Vice-President, the Secretary-General, the Treasurer, the Past-President, together with six other members elected by the Council who shall be known as Elected Members. The period of service of Elected Members of the Executive Board shall be two years. Elected Members are eligible for reelection to the same position for a second two-year term. The periods of service shall be arranged in such a way as to ensure continuity. A former Elected Member is not eligible to return to the Executive Board as an Elected Member until a period at least equal to the time they served as an Elected Member on the Executive Board has elapsed. No President of a Division may be simultaneously an Elected Member of the Executive Board. Unless exceptional circumstances are established and special permission of the Council is granted, no National Adhering Organization shall have more than one Elected Member on the Executive Board, and the principle of fair geographical and gender representation of Members shall be taken into account. The Executive Director is an ex officio non-voting member of the Executive Board.
- S7.3 The Executive Board shall meet at least once a year and at other times when the President considers it to be desirable. In a year when the General Assembly meets, a meeting of the Executive Board shall take place during the General Assembly.
- S7.4 The Executive Board may neither elect Officers of the Union nor admit nor remove Members of the Union, but it may fill temporarily vacancies among the Officers pending the next regular meeting of the Council, when the Council shall fill such vacancies.
- S7.5 The Executive Board may fill casual vacancies in accordance with Statute 4.2.
- S7.6 In case of an emergency which prevents the holding of elections, the Officers of the Union, the Elected Members of the Executive Board, will continue to serve until statutory elections can be held.

S8 Science Board

- S8.1 The principal duties of the Science Board and its members, subject always to the Statutes and Bylaws, are as follows:
- S8.1.1 to set the scientific priorities, long-term scientific strategy and vision of the Union and define the most efficient ways of fulfilling the priorities, strategy and vision;
 - S8.1.2 to propose allocations of the available science budget (see S7.1.2) for approval by Council;
 - S8.1.3 to facilitate inter-divisional and Standing Committee interactions and joint activities;
 - S8.1.4 to keep the Divisional and Standing Committee structure of the Union under review, making recommendations for change to Council when these are considered appropriate;

- S8.1.5 to review the output of Divisions and Standing Committees in the core areas of projects, conferences and publications;
- S8.1.6 to oversee outreach activities and provide support of chemistry in emerging areas;
- S8.1.7 to serve as liaison and oversee engagement with external bodies in matters relevant to IUPAC scientific activities;
- S8.1.8 to hold a joint meeting with the Executive Board at least once a year;
- S8.1.9 to implement the decisions of the Council and execute, together with the Executive Board, the program of the Union as directed by the Council;
- S8.1.10 to attend the meetings of the Council.
- S8.2 The Science Board shall consist of the Vice-President, as Chair, the President and the Secretary-General *ex officio*, together with five members from the Division Presidents and Standing Committee Chairs, and elected by them, and up to five additional members, from the scientific community at large, elected by the Council. The period of service of the Elected Members shall be two years. These Elected Members are eligible for reelection to the same position for a second two-year term. The periods of service shall be arranged in such a way as to ensure continuity. The principle of fair geographical and gender representation of Members shall be taken into account. The Executive Director is an *ex officio* non-voting member.
- S8.3 The Science Board shall meet at least once a year and at other times when the Chair considers it to be desirable. In a year when the General Assembly meets, a meeting of the Science Board shall take place during the General Assembly.
- S8.4 In case of an emergency which prevents the holding of elections, the Members of the Science Board and the Presidents of the Divisions will continue to serve until statutory elections can be held.

S9 Finance

- S9.1 Each National Adhering Organization shall pay an annual subscription to the Union, due 1 January and payable before 31 December in each year. The minimum amount of this annual subscription shall be decided from time to time by the Council.
- S9.2 Any National Adhering Organization in arrears with its subscription for a period of twelve months from the due date, shall be warned, shall be deprived of its voting rights, and all publications of the Union shall be withheld from it. Any National Adhering Organization in arrears for a period of twenty-four months from the due date shall automatically cease to be a Member of the Union. Partial payment of the subscription shall be regarded as nonpayment, unless the Union exceptionally waives the outstanding subscription. Membership of bodies of the Union of all persons belonging to a National Adhering Organization, which ceases to be a Member, shall continue at the discretion of the Executive Board to the end of the period of service.

- S9.3 Any National Adhering Organization that shall withdraw (see also Statute 3.4) or cease for any reason to be a Member of the Union shall forfeit claims upon the funds of the Union.
- S9.4 In addition to the annual subscription, the Union may receive financial contributions from other sources, such as gifts, bequests, and legacies. The Executive Committee may set up any auxiliary bodies to the Union that will enable such financial contributions to be received.
- S9.5 None of the constituent bodies of the Union (e.g., a Division) may solicit funds for Union purposes from organizations other than the Union until the specific approval of the Executive Board of the Union has been obtained. The disposal of any such funds shall be only with the approval of the Treasurer and Executive Board.
- S9.6 Any expenditure from the funds of the Union shall require authorization from the Treasurer, acting on behalf of the Executive Board. The Treasurer may delegate to the Executive Director the expenditure of funds of the Union according to the budget approved by Council.
- S9.7 Members of IUPAC bodies may receive contributions towards travel and subsistence expenses from funds of the Union, as authorized by the Treasurer. The Executive Board shall establish procedures and guidelines for the approval of such expenses.

S10 Divisions and Commissions

- S10.1 The scientific work of the Union shall be undertaken by the Divisions, which shall be responsible to the Science Board and which shall represent within the Union the branches of chemistry indicated by their Divisional titles, and by such other bodies as are appointed by the Council.
- S10.2 Divisions may be created, and existing ones may be dissolved or modified by the Council, on the recommendation of the Science Board. The initial Members of Division Committees shall be appointed by the Council.
- S10.3 The procedures of each Division shall be governed by the Bylaws but a Division may also adopt rules which shall be in accord with the general policy of the Union, its Statutes and Bylaws, and which shall be subject to the approval of the Council.
- S10.4 Each Division may include such Commissions as are approved by the Council.
- S10.5 Joint Commissions between Divisions and/or Joint Commissions between the Union and other international scientific bodies may be attached to one of the Divisions or to the Science Board of the Union as decided by the Council. Rules for such joint bodies shall, if necessary, be set up by the Division Committee or by the Science Board, as the Science Board shall decide.
- S10.6 A Division Committee may appoint such subcommittees as are appropriate to the work of the Division and its Commissions.

S11 Standing Committees

Standing orders for these committees shall be determined by the Council. Members shall be appointed by the President of the Union.

S12 Attendance at meetings

Attendance at meetings of bodies of the Union shall be restricted to members of those bodies and observers as approved by the meeting Chair. The names of approved observers shall be communicated to the Secretary General via the Secretariat.

S13 Associated Organizations

The Council may decide to associate with existing international organizations whose aims and activities are in harmony with those of the Union. Their international scope of activities, with no a priori limitation to a part of the world, shall be explicit in their title or statutes. In the case of apparent competition with another international organization already associated with IUPAC, the Council shall make a choice and decide with which organization IUPAC wishes to be associated, while avoiding to associate with both at the same time. These organizations shall then be known as Associated Organizations of the Union.

S14 Company Associates

Organizations such as industrial companies, research and development institutions and laboratories, scientific societies, or any other similar bodies interested in the activities of the Union may become associated with it as Company Associates. The conditions under which such association shall occur or continue, including the determination of the annual subscription shall be decided by the Council on the recommendation of the Executive Board.

S15 Congresses and Other Scientific Meetings

- S15.1 At suitable intervals, World Chemistry Congresses shall be organized under the auspices of the Union. These Congresses shall comprise one or more branches of chemistry represented by the Divisions of the Union. The Council shall approve the scope of each Congress on the recommendation of the host country, with a view to achieving, by suitable rotation, the coverage of all branches of pure and applied chemistry. The Council shall also decide upon the place and dates of the Congress. The arrangements for such a Congress shall be entrusted to a committee set up in the host country. This committee shall cooperate with the Science Board, the Officers of the Union, and the appropriate Divisions and Standing Committees.
- S15.2 Cooperation of the Union in the organization of a Congress shall not involve the Union in financial responsibility.
- S15.3 The Council may organize other scientific meetings or may offer the collaboration of the Union in the planning and arrangement of scientific meetings initiated by other organizations.

S16 Adoption, Changes, and Interpretation of Statutes

- S16.1 The Statutes shall take effect immediately after their adoption by the Council.
- S16.2 The English text of the Statutes shall be used exclusively as the authorized text for the interpretation of the Articles of the Statutes and Bylaws, but the Council may approve the Issue by the Union of versions in other languages.
- S16.3 Changes in the Statutes may be proposed by the Executive Board or any National Adhering Organization. Notice of changes so proposed shall reach the Secretary-General via the Secretariat in writing at least six months before the meeting of the Council at which the proposal is to be considered. No change shall be made except at a meeting of the Council and with the approval of two-thirds of the total number of votes assigned to the National Adhering Organizations.
- S16.4 In all cases where the Statutes are not clear or do not give a decision, the President's ruling shall be decisive.

S17 Duration

The Union shall not be dissolved except at a meeting of the Council convened specifically for this purpose by notice given three months in advance. At such a meeting, more than three-quarters of the maximum possible number of votes of the National Adhering Organizations must be represented and cast, and two-thirds of the votes recorded shall be required for dissolution. If three-quarters of the maximum possible number of votes are not represented, the Council shall be convened again after a period of at least six months and at this second meeting the Union may be dissolved if the proposal for dissolution receives two-thirds of the votes recorded. In the case of dissolution of the Union, the Council shall appoint three trustees to carry out the liquidation of the assets of the Union. The net assets shall be transferred to one or more international scientific organizations, the identification of which to be decided by the Council.

Bylaws

B1 Membership (cf. Statute 3)

A request of a country for admission to the Union can be received in writing, together with the appropriate documentation, by the Secretary-General via the Secretariat at any time. It will then be considered by the Executive Board, or Council, whichever meets next after the application has been received, and if approved, membership shall begin on 1 January of the following year, provided that payment of that year's dues are received. The admission of a new Member approved by the Executive Board must be ratified by the Council at its next regular meeting. If payment has been received of the dues for the current year, the Council may allow a newly admitted National Adhering Organization to vote at the current Council meeting, on all items after the ratification of membership.

B2 Voting Procedure in Council (cf. Statute 5)

B2.1 Scientific Matters

B2.1.1 Recommendations of a scientific nature received from the Science Board, Divisions, or other bodies of the Union, shall be the responsibility of the Council. The Council may adopt them by a simple majority of personal votes cast by the Delegates present at a regular meeting. Between such meetings, the Science Board may act on behalf of the Council in these matters. The Science Board shall establish procedures for approval of recommendations in nomenclature, symbols, terminology, and conventions.

B2.1.2 Postal and electronically submitted ballots on scientific matters may be conducted in accordance with a procedure to be determined by the Science Board for each ballot.

B2.2 Nonscientific Matters

Voting on non-scientific matters shall be by Delegations, each Delegation being entitled to cast the number of assigned votes. All the votes to which the National Adhering Organization is entitled shall be cast in the same sense. Voting rights must be exercised by the Delegations in real time.

B2.2.1 Admission and Removal of Members

Admission of Members shall be by a simple majority of votes recorded at a regular meeting of the Council. Removal of a National Adhering Organization shall be valid only if at least three-quarters of the votes recorded at a regular meeting of the Council are cast in favor of such removal. Any reassignment approved by the Council shall become effective on 1 January of the following year.

B.2.2.2 Elections

For election of Officers of the Union and Elected Members of the Executive Board and Science Board the following rules shall apply:

- B2.2.2.1 Nominations may be made by the Adhering Organizations. These nominations must be received in writing by the Secretary General via the Secretariat at least two months before the beginning of the meeting of the Council at which the elections will take place. They must indicate clearly the position for which each candidate is nominated and shall be accompanied by a biographical note on each candidate.
- B2.2.2.2 The Executive Board shall discuss the nominations made by the National Adhering Organizations at a meeting prior to the meeting of the Council at which the elections are to take place. It has the right to make additional nominations for which information shall be provided.

The officers of the Union and the Elected Members of the Executive Board, as defined by the Statutes, shall be elected at a regular meeting of the Council by a secret ballot, a simple majority of the votes recorded being required for election. The election for each officer shall be held separately. If no nominee receives a majority on the first ballot, the nominee receiving the smallest number of votes shall be eliminated from the next ballot and successive ballots shall be held until a nominee receives a simple majority of the votes recorded or there are only two nominees on which to vote. If two nominees get an equal number of votes, the Presiding Officer, after consultation with the Executive Board, shall cast the deciding vote.

For election of Elected Members of the Executive Board and of the Science Board, by the Council, and for election of the members of the Science Board, by the Division Presidents and Standing Committee Chairs, the nominees receiving the highest number of votes shall be elected to the vacancies, provided that the number of votes cast for each such nominee shall be a majority of the total votes cast per vacancy. If fewer nominees than the vacancies receive a majority of such votes cast, then those receiving a majority shall be declared elected and a second ballot conducted among the remaining nominees for the remaining vacancies. If, in this second ballot, no nominee receives a majority, the nominee receiving the smallest number of votes shall be eliminated from the next ballot and successive ballots conducted until all vacancies are filled. In each ballot, the number of names on ballot papers or in electronic format, submitted by each Delegation shall be no more and no less than the number of vacancies outstanding at the conclusion of the previous ballot.

B2.2.3 Other Nonscientific Matters

Proposals on other nonscientific matters, after consideration, may be adopted without a formal vote unless objections are raised, when a vote shall be taken. Unless specifically stipulated otherwise in the Statutes and Bylaws, a simple majority of the votes recorded shall be required for adoption.

B2.2.4 Postal and Electronically Transmitted Ballots

Electronically transmitted ballots on non-scientific matters may be conducted with each National Adhering Organization being entitled to cast the number of assigned votes, provided always that decisions on the location of the official headquarters of the Union and the dissolution of the Union are excluded from such electronically transmitted ballots. Action shall only be taken if more than one-half of the maximum possible number of votes has been received. A simple majority of the votes shall be required for a decision, except for decisions on admission and removal of Members (voting requirements in B2.2.1) or decisions on changes to Statutes and Bylaws (voting requirements in S16.3 and B5.2, respectively).

B2.2.5 Additions to Council Agenda

Matters to be considered at a meeting of the Council must appear on the agenda of that meeting, which shall be sent to the National Adhering Organizations at least four months before the meeting is to be held. However, in case of urgency, a question may be added to the agenda with the consent of at least three-quarters of the Delegates present at the meeting. Modification of the Statutes or Bylaws, admission or removal of Members, and elections of Officers or Elected Members of the Executive Board or Science Board, are excluded from this procedure.

B3 Divisions and Commissions (cf. Statute 10)

B3.1 Division Committees

- B3.1.1 Each Division shall be administered by a Division Committee consisting of Titular Members, Associate Members, and National Representatives with appropriate expertise.
- B3.1.2 The Titular Members, Associate Members, and National Representatives of a Division Committee and of Commissions within a Division shall together form the Membership of the Division.
- B3.1.3 The Division Committee shall be the organ of liaison between the Science Board on the one hand and the various bodies constituting the Division on the other hand.

B3.1.4 Nominations to the position of Titular Member may be made by National Adhering Organizations or by members of the Nominating Committee. Titular Members must be from a member country. The Nominating Committee for each Division will be established before each election and will consist of not more than five people, of whom at least three must be from outside the Union. The Titular Members of each Division Committee shall be chosen by an electorate comprising the Titular Members, Associate Members, and National Representatives on the Division Committee, together with the members or officers of such other bodies within the Division that the Executive Board may specify (currently the Chairs, Secretaries and Titular Members of Commissions associated with the Division, Task Group Chairs of active projects, and members of the current and previous Nominating Committee). The number of Titular Members shall not exceed ten unless otherwise determined by the Executive Board. Titular Members are elected for two-year terms. The term of service of a Titular Member shall be not more than four consecutive years but shall cease on election as an Officer. If a Titular Member is unable to take up their post, it shall be offered to the highest polling unsuccessful candidate in the election. The Vice-President and the President of a Division shall not hold these respective offices for more than four consecutive years; the Secretary of a Division shall serve for four consecutive years and be eligible for re-election up to a maximum of a further four years. Exceptional circumstances must be established, and special permission of the Executive Board granted for Titular or Associate Membership of the same or more than one Division Committee beyond a total of twelve years of total Titular and Associate Membership, whether the Memberships are consecutive or not.

The Past-President of the Division shall be one of the Titular Members of the Division Committee for a period of two years. In addition to these Titular Members, the President, Vice-President, Past-President, Secretary General, and Treasurer of the Union shall be *ex officio* Members of all Division Committees.

Nominations to the position of Associate Member may be made by National Adhering Organizations, by members of the Nominating Committee, or by Company Associates. Associate Members must be from a member country or be an Affiliate Member of the Union. The number of Associate Members, who shall have full voting rights, shall not exceed six. The term of service of an Associate Member shall be two years, with the possibility of re-election consecutively for two more years only.

A newly elected Titular Member, Associate Member, or National Representative of a Division Committee shall assume office only after approval by the Executive Board. The National Adhering Organization with which the Titular Member, Associate Member or National Representative is connected shall be notified of the appointment.

A Division Committee may elect no more than ten National Representatives on

the nomination of Adhering Organizations, with no more than one representative from a given National Adhering Organization. The term of a National Representative, who shall have full voting rights, shall be two years, with the possibility of re-nomination and re-election consecutively for only two more years. Exceptional circumstances must be established, and special permission obtained from the Executive Board for the election of a National Representative from a country already represented on the Committee by a Titular or Associate Member.

- B3.1.5 The Division Committee shall elect from among its existing and, subject to confirmation, new Titular Members, a President, a Vice President designated as President-Elect and a Secretary. These elections shall be subject to approval by the Council.
- B3.1.6 The Division Committee may form a Division Executive Committee, consisting of the President, the Vice-President designated as President-Elect, and the Secretary of the Division, to carry out the necessary administrative duties between meetings of the Division Committee.
- B3.1.7 The functions of the Division Committee shall be as follows:
 - B3.1.7.1 to initiate, review, approve, and manage projects and their associated task groups;
 - B3.1.7.2 to plan and organize scientific meetings and engage in other activities that are deemed useful in furthering the objectives of the Division; this includes the approval of Union sponsorship of scientific meetings;
 - B3.1.7.3 to manage a budget for a Division in accordance with a procedure prescribed by the Treasurer;
 - B3.1.7.4 to advise the Science Board for recommendations to the Council on scientific matters;
 - B3.1.7.5 to propose to the Council through the Science Board the establishment of Commissions to be attached to it and to appoint the membership and the initial officers of these, the appointments having to be approved by the Council;
 - B3.1.7.6 to propose to the Council through the Science Board the dissolution of existing Commissions when required;
 - B3.1.7.7 to supervise the work of its Commissions and other bodies.
- B3.1.8 The Division Committee shall meet at least every two years, during a General Assembly and at least once in virtual mode in the intermediate years.
- B3.1.9 Decisions of the Division Committee must receive the approval of the Treasurer, in consultation with the Executive Board and the Science Board, when they would have financial consequences involving the budget of the

Union. In addition, in order to ensure the fullest coordination between the activities of all the Divisions, the Secretary General via the Secretariat shall be informed of all other decisions taken by the Division Committee.

B3.1.10 At a General Assembly, the Division President shall report to the Council on the activities of the Division since the last General Assembly. In a year in which a General Assembly is not held, the Division President shall present to the Division Committee and to the Science Board a written report on the activities of the Division since the last General Assembly.

B3.1.11 Each Division shall make provision for the conduct of the work of its Commissions and other bodies. Such provision, which must receive the approval of the Executive Board and Science Board, may be incorporated in Divisional rules.

B3.2 Meetings of Division Presidents and Standing Committee Chairs

A meeting of the Division Presidents and Standing Committee Chairs shall be held at least once a year in person, a combination of in person and virtual or as a purely virtual meeting. At this meeting, topics that are of interest for cooperation between the Divisions or between the Divisions on the one hand and the Council, the Executive Board, or the Science Board on the other, shall be discussed and the meeting may make recommendations to the Science Board. The Science Board shall report on its activities to these meetings.

The meeting shall be presided over by one of those Science Board members that were elected by the Division Presidents and Standing Committee Chairs. The Secretary General shall be invited to attend.

B3.3 Commissions

B3.3.1 On the recommendation of a Division Committee, through the Science Board, the Council may create a Commission of the Division. Each Commission shall have as its objective the study of topics of international scientific or technical significance requiring agreement, standardization, or codification in some aspect of pure or applied chemistry. The terms of reference of a new Commission shall be clearly described and approved by the Council. If a Division Committee wishes to create a Commission, it must apply to the Science Board for the appointment of an *ad hoc* committee of three persons who shall study the question and then report back to the Science Board. This report, if favorable to the creation of a new body, shall contain an indication as to the probable duration of the life of the new body and an estimate of its annual cost.

B3.3.2 At each General Assembly, the Council shall, in the light of the Division President's report and on the recommendation of the Science Board, decide whether or not to continue each Commission.

- B3.3.3 Each scientific and technical Commission shall be composed entirely of specialists. They may consist of Titular Members, Associate Members, and National Representatives, who all shall have full voting rights.

Each Commission shall elect from among its existing and, subject to confirmation, new Titular Members by a simple majority a Chair, a Secretary, and, if desired also a Vice-Chair. These elections are subject to approval by the Science Board.

- B3.3.4 The Membership of each new Commission is determined by the Council. Thereafter, both Titular Members and Associate Members may be nominated by the Commission but shall assume office only after approval by the Division Committee and by the Science Board. The terms of service of Titular Members and Associate Members shall be two years, with the possibility of re-election for two years of Membership up to a maximum of eight years. The sum of the years of service as a Titular Member, including service as Chair, Vice-Chair, or Secretary, shall not exceed a total of ten years, whether these are consecutive or not, and further appointment thereafter as an Associate Member shall be for two years only. The rotation of a person through alternate periods of Titular and Associate Membership may be permitted to a total of twelve years. Exceptional circumstances must be established, and special permission of the Science Board granted for:

- (i) the reappointment as a Titular Member of a person who has served eight years as a Titular Member, whether these are consecutive or not. The extension shall be for a period of two years.
- (ii) the rotation of a person through alternate periods of Titular and Associate Membership beyond a total of twelve years, whether these are consecutive or not. The extension shall be for a period of two years.
- (iii) membership in any capacity, other than that of National Representative, of one or more Commissions of a Division or of different Divisions beyond a total of twelve years, whether these are consecutive or not. The extension shall be for a period of two years.
- (iv) the replacement by a Division President between General Assemblies of a Member of a Commission.

The number of Titular Members, Associate Members, and National Representatives of each Commission shall not exceed eight. Titular Members, Associate Members, and National Representatives shall be authorities in the field covered by the Commission and shall be so recognized by their National Adhering Organizations. Before submitting their names for election, the Chair of the Commission shall explain to them their duties, and they shall agree to undertake them if they are elected.

The nomination of a Titular Member or an Associate Member by a Commission may take place either during a meeting of the Commission or by correspondence. The nomination shall then be submitted via the Division Committee to the Secretary General via the Secretariat for approval by the Executive Board. The National Adhering Organization with which the Titular Member or Associate Member is connected shall be notified of the appointment.

- B3.3.5 National Representatives may be nominated by the various National Adhering Organizations and approved by the Commission; such representation shall not be permitted if the Commission already has a Titular or Associate Member from that Organization, unless exceptional circumstances are established and special permission is granted by the Executive Board. Such representation shall lapse at the conclusion of the next General Assembly unless the person is re-nominated by their National Adhering Organization and re-approved by the Commission. Re-appointment of National Representatives beyond a total of twelve years' service, whether these are consecutive or not, requires that special circumstances should be established by the National Adhering Organization. The names of these National Representatives shall be communicated to the Secretary General via the Secretariat by the Chair of the Commission concerned.
- B3.3.6 The Division President shall be *ex officio* a member of all the Commissions attached to the Division.
- B3.3.7 A Commission may propose to the Division Committee the establishment of subcommittees with responsibility for designated functions within the scope of the Commission.
- B3.3.8 A meeting of a Commission can be financed only upon authorization of the Treasurer after recommendation by the appropriate Division Committee.
- B3.3.9 The Chair of a Commission shall each year present to the Division Committee a written report on the activities of the Commission, outlining the results obtained and indicating any new work that is to be undertaken.
- B3.3.10 All reports of Commissions shall be forwarded via the Division Committee to the Science Board, and then submitted to the Council.

B4 Associated Organizations (cf. Statute 13)

- B4.1 The Executive Board, having satisfied itself that the claims and activities of an organization seeking to become an Associated Organization of the Union are in accordance with Statute 13, may recommend acceptance to associate membership by the Council provided that:
 - (i) the period of existence of the applicant organization has been adequate to establish its stability and the quality of its activities;

- (ii) the statutes and bylaws of the organization do not conflict with the Statutes and Bylaws;
 - (iii) the activities of the organization neither duplicate nor are in conflict with the legitimate functions of the Union, such as standardization, codification, or other matters of scientific importance.
- B4.2 The Union shall invite Associated Organizations to send representatives to its General Assembly and to relevant meetings of IUPAC bodies when joint sponsorship of meetings or other joint activities may be discussed.
- B4.3 The Union shall offer assistance in publicizing activities of Associated Organizations.
- B4.4 The Union shall present to Associated Organizations such information as is decided by the Officers of the Union to be relevant to joint activities.
- B4.5 The continuation of membership of each Associated Organization shall be reviewed by the Council every four years.

B5 Adoption, Changes, and Interpretation of Bylaws

- B5.1 The Bylaws shall take effect immediately after their adoption by the Council.
- B5.2 Changes in the Bylaws may be proposed by the Executive Board or by any National Adhering Organization. Notice of changes so proposed shall reach the Secretary General via the Secretariat in writing at least six months before the meeting of the Council at which the proposal is to be considered. A change shall be made only if more than one-half of the total number of votes assigned to the National Adhering Organizations is cast in favor of such a change.
- B5.3 In all cases where the bylaws are not clear or do not give a decision, the President's Ruling shall be decisive.

Standing Orders for Standing Committees

COMMITTEE ON CHEMISTRY EDUCATION (CCE)

Composition and Terms of Office

- (i) There shall be a standing Committee on Chemistry Education (CCE), composed of a Chair, a Secretary, six other Titular Members, and an Associate Member from each of the Divisions. Each Adhering Organization not represented among the Titular and Associate Members may nominate a National Representative to the CCE.
- (ii) The President, in consultation with the Executive Board, shall appoint the Chair, Secretary, and Titular Members. The CCE may propose names of persons suitably qualified for appointment and should conduct elections, according to the pattern for Divisions, in order to inform the advice that they give to the President.
- (iii) The Associate Members shall be nominated by the relevant Division President from the Titular Members of the Division Committee, and be appointed by the President of the Union, in consultation with the Executive Board.
- (iv) The period of service of Titular Members shall be four years, renewable for a further term of four years. The period of service of Associate Members shall be two years, renewable to a total period of eight years. The period of service of National Representatives shall be two years, subject to re-nomination and reappointment to a maximum period of service of twelve years.
- (v) The sum of the years of service as a Titular Member and as the Chair or the Secretary shall not exceed ten years.

Terms of Reference

- (i) To advise the President and the Executive Board and Science Board on matters relating to chemistry education, including the public appreciation of chemistry.
- (ii) To maintain a portfolio of educational projects and to coordinate the educational activities of IUPAC.
- (iii) To monitor chemistry education activities throughout the world and to disseminate information relating to chemical education, including the public appreciation of chemistry.
- (v) To develop liaisons with international organizations such as UNESCO, national and regional chemical societies, chemical education committees, and organizations concerned with the public appreciation of science.

CENTENARY ENDOWMENT BOARD (CEB)

Composition and Terms of Office

- (i) There shall be a Centenary Endowment Fund that will provide a mechanism through which Fund Donors can support and engage in IUPAC's international work into its second century of existence.
- (ii) There shall be a standing Centenary Endowment Board, comprised of three externally recruited members, and a member from the IUPAC Finance Committee. In addition, the IUPAC Treasurer or alternate IUPAC Officer and Executive Director (to act as Secretary) shall be *ex officio* members but without voting power.
- (iii) The Centenary Endowment Board will report to the IUPAC Executive Board with reference to the discharge of the Board's duties and any recommendations it may have.
- (iv) The Centenary Endowment Board shall be responsible for and shall administer IUPAC's funds solicitation efforts and the development of the Fund and recommending disbursement in accordance with the Fund Mission and, where relevant, specific designations by Donors.
- (v) It shall recommend to the Executive Board policies for accepting, receiving, and investing permanent funds and endowments from Fund Donors that are consistent with IUPAC's charitable status and international standing.
- (vi) The Centenary Endowment Board shall also review the Fund Policies as needed and recommend modifications and/or amendments to the Executive Board for their approval, after consultation with the Finance Committee.
- (vii) The Centenary Endowment Board may recommend to the Executive Board specific goals and/or projects for which funding is available.
- (viii) The Centenary Endowment Board will consider the current investment policies of the Finance Committee to ensure these have an acceptable risk profile based on goals for the Fund and may require the Finance Committee to manage the invested Fund investments accordingly. The Fund will bear the additional investment costs that may arise from changes in the investment risk profile.

Terms of Reference

- (i) The Board Members shall be appointed by the Executive Board. Centenary Endowment Board Members shall serve for a term of three years on a rotating basis, such that one Board Member will rotate off each year. (Inaugural members may be appointed to two, three and four years to effectuate this requirement.) Centenary Endowment Board Members may be reappointed to serve up to four consecutive terms.
- (ii) Centenary Endowment Board Members may be removed by the Executive Board only for actions or activities inconsistent with IUPAC's charitable status and values or that are inconsistent with the Fund Mission.
- (iii) Any vacancies created by the resignation, removal or death of a Centenary Endowment Board Member shall be filled by appointment by the Executive Board, which member shall complete the term of the vacating member.
- (iv) The Centenary Endowment Board shall meet at least quarterly.
- (v) The members of the Centenary Endowment Board shall annually elect a Chair from among the external Board Members, by majority vote. The Chair may be elected to consecutive terms, without limit, as long as they are a member of the Board. The Chair's responsibilities shall include, but are not limited to, convening and presiding at meetings, serving as the Centenary Endowment Board's liaison to the Executive Board, and ensuring donor questions/inquiries regarding the status of a gift or bequest are addressed by the IUPAC Secretariat.

COMMITTEE ON ETHICS, DIVERSITY, EQUITY, AND INCLUSION (CEDEI)

Composition and Terms of Office

- (i) There shall be a standing Committee on Ethics, Diversity, Equity and Inclusion (CEDEI), composed of a Chair, a Secretary, and 4 other Titular Members. The Executive Director shall be an *ex officio* non-voting member of the committee.
- (ii) The President, in consultation with the Executive Board, shall appoint the Titular Members. The Standing Committee on Ethics, Diversity, Equity and Inclusion (CEDEI) may propose names of persons suitably qualified for appointment.
- (iii) The period of service of a Titular Member shall be two years, renewable for a further term of two years.
- (iv) The Membership shall be reviewed every two years by the incoming President, in consultation with the Executive Board.
- (v) The President, in consultation with the Executive Board, shall appoint the Chair. The Chair shall appoint a Secretary. The Committee on Ethics, Diversity, Equity and Inclusion (CEDEI) may propose candidates.
- (vi) The period of service of the Chair shall not exceed two years. The sum of the years of service as a Titular Member and as the Chair shall not exceed four years.
- (vii) The period of service of the Secretary shall not exceed two years. The sum of the years of service as a Titular Member and as the Secretary shall not exceed four years.
- (viii) The maximum term of service for any individual Member of the Committee on Ethics, Diversity, Equity and Inclusion shall not exceed four years.

Terms of Reference

- (i) To provide independent advice to the President, Executive Board, Science Board, Executive Director, other Standing Committees, Divisions, and Commissions on matters relating to ethics, diversity, equity and inclusion within the policies, business and activities of the Union, or when undertaken by volunteers on behalf of the Union.
- (ii) To make recommendations to the President and the Executive Board, where appropriate, on matters relating to ethics, diversity, equity and inclusion within the policies, business and activities of the Union, or when undertaken by volunteers when engaged in business or activity on behalf of the Union.
- (iii) To develop in-house policies on ethics, diversity, equity and inclusiveness that are in accord with the IUPAC strategic plan, which are widely publicized on the IUPAC website(s), and which act as a reference point for the behaviour of IUPAC members, volunteers and staff when engaged in activities or business on behalf of the Union.
- (iv) To provide confidential advice or act as a confidential point of contact for IUPAC members, staff and volunteers, when engaged in business or activity on behalf of the Union, where an incident inconsistent with the Mission and Core Values of IUPAC may have occurred.
- (v) To establish, subject to approval by the President and Executive Board and Science Board, Advisory Boards, Subcommittees, and Working Groups as needed to carry out specific functions of the committee.

CHEMRAWN COMMITTEE (CHEMICAL RESEARCH APPLIED TO WORLD NEEDS)**Composition and Terms of Office**

- (i) There shall be a standing CHEMRAWN Committee, composed of a Chair, a Secretary, six Titular Members, up to six Associate Members and up to ten National Representatives. In addition, the Treasurer shall be an *ex officio* Member, but without voting power.
- (ii) The President, in consultation with the Executive Board, shall appoint the Titular Members and the Associate Members. The CHEMRAWN Committee may propose names of persons suitably qualified for appointment and should conduct elections, according to the pattern for Divisions, in order to inform the advice that they give to the President.
- (iii) The period of service of a Titular Member and of an Associate Member shall be four years, renewable for a further term of four years.
- (i) The Membership shall be reviewed every two years by the incoming President in consultation with the Executive Board.
- (v) The President, in consultation with the Executive Board, shall appoint the Chair and the Secretary. The CHEMRAWN Committee may propose candidates.
- (vi) The period of service of the Chair and of the Secretary shall not exceed eight years. The sum of the years of service as a Titular Member or an Associate Member and as the Chair or the Secretary shall not exceed ten years.

Terms of Reference

On behalf of the President and the Executive Board and Science Board:

- (i) To identify human needs amenable to solution through chemistry with particular attention to those areas of global or multinational interest.
- (ii) To serve as an international body and forum for the gathering, discussion, advancement, and dissemination of chemical knowledge deemed useful for the improvement of humans and their environment.
- (iii) To serve as an international, nongovernmental source of advice for the benefit of governments and international agencies with respect to chemistry and its application to world needs, and to be responsible for organizing IUPAC activities in these areas as approved by the President and the Executive Board. The Treasurer is to be kept informed through plans, budgets, and audited accounts of activities that have financial implications. Payments from IUPAC funds must be approved by the Treasurer.

COMMITTEE ON CHEMISTRY AND INDUSTRY (COCI)**Composition and Terms of Office**

- (i) There shall be a standing Committee on Chemistry and Industry, composed of a Chair, a Secretary, six other Titular Members and up to six Associate Members. In addition, each NAO representing a country having more than one Company Associate may propose a National Representative to COCI. By mutual agreement, two or more NAOs in a given geographic region that has more than three Company Associates may jointly propose a National Representative from that region.
- (ii) The President, in consultation with the Executive Board, shall appoint the Chair, the Secretary, the Members and the National Representatives. The President may, optionally, designate one of the Titular Members as Vice-Chair. Candidates may be proposed by the Committee on Chemistry and Industry, by National Adhering Organizations having Company Associate programs, or by Company Associates. The Committee should conduct elections, according to the pattern for Divisions, in order to inform the advice that they give to the President.
- (iii) The period of service for all categories of Members and National Representatives shall be four years, renewable for a further term of four years, subject to (iv), below.
- (iv) The Membership shall be reviewed every two years by the incoming President, in consultation with the Executive Board.
- (v) The sum of the years of service as a Member and as the Chair or the Secretary shall not exceed ten years.

Terms of Reference

- (i) To advise the President, Executive Board and Science Board of the potential impact on IUPAC programs of trends and developments in the international chemical industries, including pharmaceutical, agrochemical and related industries. Also, to advise on options and actions by which IUPAC could become more attractive to increased participation by scientists in industry.
- (ii) In collaboration with National Adhering Organizations, to develop and maintain an active program to recruit, guide and inform Company Associates on IUPAC programs and policies. To convey to IUPAC management at all levels relevant information from Company Associates that may assist in developing IUPAC programs and projects.
- (iii) To develop liaisons with (a) national and international associations that represent industries based on the chemical sciences; (b) national and regional chemical societies; and (c) international bodies such as UNESCO and UNIDO.
- (iv) In cooperation with other IUPAC bodies, to initiate and maintain a portfolio of projects with implications for industry and to help develop good relations between IUPAC and industry. To advise IUPAC bodies on the potential for participation and/or funding of relevant projects by industry and to coordinate overtures to industry on such funding.

COMMITTEE ON PUBLICATIONS AND CHEMINFORMATICS DATA STANDARDS (CPCDS)**Composition and Terms of Office**

- (i) There shall be a Standing Committee on Publications and Cheminformatics Data Standards composed of a Chair, a Secretary, and at least five and not more than eight other Titular Members. With the approval of the President, in consultation with the Executive Board, up to three Associate Members may also be appointed.
- (ii) The President, in consultation with the Executive Board, shall appoint the Titular Members and the Associate Members. The Committee on Publications and Cheminformatics Data Standards may propose names of persons suitably qualified for appointment and should conduct elections, according to the pattern for Divisions, in order to inform the advice that they give to the President.
- (iii) The period of service of a Titular Member and of an Associate Member shall be four years, renewable for a further term of four years.
- (iv) The Membership shall be reviewed every two years by the incoming President, in consultation with the Executive Board.
- (v) The President, in consultation with the Executive Board, shall appoint the Chair. The Chair shall appoint a Secretary. The Committee on Publications and Cheminformatics Data Standards may propose candidates.
- (vi) The period of service of the Chair shall not exceed eight years. The sum of the years of service as a Titular Member or an Associate Member and as the Chair shall not exceed ten years.
- (vii) The period of service of the Secretary shall not exceed eight years. The sum of the years of service as a Titular Member or an Associate Member and as the Secretary shall not exceed ten years.
- (viii) The Scientific Editor of *Pure and Applied Chemistry* shall be an *ex officio* Member of the Committee. The Scientific Editor shall have all the rights of a Titular Member but is not counted as one of the Titular Members defined in (i).

Terms of Reference

- (i) To advise the President, Executive and Science Boards, other Standing Committees, Divisions, and Commissions on all aspects of the design and implementation of printed and electronic publications, including computerized databases of all sorts, and to promote the compatibility of the storage, and management of digital content through the development of standards for the creation of a consistent, global framework for human and machine-readable chemical information.
- (ii) To make recommendations to the President and the Executive Board on matters of policy and procedures related to the production and dissemination of printed and electronic publications.
- (iii) To advise the Secretary-General and the Executive Director on hardware and software requirements for the Secretariat and on the development and operation of its computer systems.
- (iv) Subject to approval by the President and the Science Board, to establish Advisory Boards, Subcommittees, and Task Groups as needed to carry out specific functions of the Committee.

EVALUATION COMMITTEE (EvC)**Composition and Terms of Office**

- (i) There shall be an Evaluation Committee composed of five Members of the Executive Board or Science Board.
- (ii) The President, in consultation with the Executive Board and Science Board, shall appoint the members and designate one of them as Chair.
- (iii) The period of service of the members shall be two years.
- (iv) The Executive Director or designee shall act as Secretary for the Committee.

Terms of Reference

- (i) To monitor statistical data on the nature and breadth of project portfolio and the geographical spread of Task Group participation.
- (ii) To examine project completion reports, identify lessons to be learned, and liaise with the Project Committee.
- (iii) To collect and analyze reports from Task Group Chairs, Divisions, and Committees on responses to strategic initiatives of the Union.
- (iv) To evaluate the roles and contributions of Divisions and Committees with respect to the mission and strategic initiatives of the Union.
- (v) To report to the Executive Board and Science Board, in writing, annually on the results of the evaluations done.
- (vi) To inform, after discussion in the Executive Board and Science Board, the National Adhering Organizations of the completed evaluations.

FINANCE COMMITTEE (FC)**Composition and Term of Office**

- (i) There shall be a standing Finance Committee, composed of a Chair and up to four other Titular Members. In addition, the Treasurer and Executive Director (to act as Secretary) shall be *ex officio* Members, but without voting power.
- (ii) The President, in consultation with the Executive Board, shall appoint the Chair. The Finance Committee may propose candidates.
- (iii) The period of service of the Chair shall not exceed eight years. The sum of the years of service as a Titular Member and as the Chair shall not exceed ten years.
- (iv) The President, in consultation with the Executive Board, shall appoint the Titular Members. The Finance Committee may propose names of persons suitably qualified for appointment.
- (v) The period of service of the Titular Members shall normally be four years, renewable for a further term of four years.
- (vi) The Membership shall be reviewed every two years by the incoming President, in consultation with the Executive Board.

Terms of Reference

- (i) To advise the President and the Executive Board on financial matters.
- (ii) To make financial recommendations for decision by the President and/or the Executive Board.
- (iii) To review the IUPAC securities at least annually and to make such changes as appear appropriate.
- (iv) The Finance Committee shall not have executive functions, except with respect to dealings in securities. The Finance Committee shall have executive authority with respect to selection, purchases, and sales of securities held by IUPAC, provided that the Treasurer concurs with the decisions of the Finance Committee. The Finance Committee may delegate certain responsibilities to professional experts in various field.

INTERDIVISIONAL COMMITTEE ON GREEN CHEMISTRY FOR SUSTAINABLE DEVELOPMENT (ICGCSD)

Composition and Terms of Office

- (i) There shall be a standing Interdivisional Committee on Green Chemistry for Sustainable Development, composed of a Chair, a Secretary, up to three Titular Members and up to three Associate Members as a “core” membership, up to eight National Representatives and one Representative Member from each interested Division and Standing Committee.
- (ii) The President, in consultation with the Executive Board, shall appoint the Chair, Secretary, Titular Members, Associate Members and National Representatives. The ICGCSD, Division Presidents and Standing Committee Chairs may propose names of persons suitably qualified for appointment and should conduct elections, according to the pattern for Divisions, in order to inform the advice that they give to the President.
- (iii) The period of service of Titular Members, Associate Members and National Representatives shall be two years, renewable for a further term of two years. The period of service of Representatives from the Divisions and Standing Committees shall be two years, subject to re-nomination and reappointment to a maximum period of service of eight years.
- (iv) The period of service of the Chair and of the Secretary shall be two years, renewable for a further two years. The sum of the years of service as a Titular Member or Associate Member and as the Chair or the Secretary shall not exceed ten years.
- (v) The following organizations shall be invited to attend meetings of ICGCSD:
United Nations Educational, Scientific Cultural Organization (UNESCO)
International Science Council (ISC)
Organization for the Prevention of Chemical Weapons (OPCW)
Strategic Approach to International Chemicals Management (SAICM)
United Nations Industrial Development Organization (UNIDO)
International Council of Chemical Associations (ICCA)
Organization for Economic Co-operation and Development (OECD)

Terms of Reference

- (i) To be responsible for advancing the strategic plan of the Union for green and sustainable chemistry and for coordination of all the work of the Union in this area to develop a coherent program of action.
- (ii) To initiate and coordinate projects in green and sustainable chemistry and to encourage activities in these areas from across the Divisions and Standing Committees.
- (iii) To organize the series of IUPAC International Conferences on Green Chemistry and manage IUPAC participation in the PhosAgro/UNESCO/IUPAC Green Chemistry for Life awards program and the IUPAC Prize in Atmospheric and Green Chemistry, and any other related awards that may be established.
- (iv) To also seek additional sponsorship and support from industrial sources for its work.
- (v) To work actively with COCI and CCE to stimulate and increase interest in green and sustainable chemistry in the theory and practice of industrial chemistry and chemistry education, through their external industrial and institutional relationships.
- (vi) To listen to and be aware of the external industrial and institutional perspectives and priorities.
- (vii) To be responsible, after consultation with all the relevant bodies of IUPAC, for advice to the President, Executive Board and Science Board on matters relating to harmonization, regulation and standardization in green and sustainable chemistry.

- (viii) To be responsible for the promulgation of the work of the Union in green and sustainable chemistry through interaction with other relevant organizations with a common interest.
- (ix) To ensure that any considered IUPAC view on Green Chemistry shall carry the fullest possible weight among other international organizations and to advise the Executive Board and Science Board as to our standing in these matters.
- (x) To advise the President and the Executive Board on suitable persons for appointment as Representatives of IUPAC on other bodies concerned with green chemistry for Sustainable Development Goals.

INTERDIVISIONAL COMMITTEE ON TERMINOLOGY, NOMENCLATURE AND SYMBOLS (ICTNS)**Composition and Terms of Office**

- (i) There shall be a standing Interdivisional Committee on Terminology, Nomenclature and Symbols, composed of a Chair, a Secretary, up to three Titular Members and up to three Associate Members as a “core” membership and one Titular Member from each Division.
- (ii) The President, in consultation with the Executive Board, shall appoint the Titular Members and the Associate Members. ICTNS and the Division Presidents may propose names of persons suitably qualified for appointment.
- (iii) The period of service of the core Titular Members and Associate Members shall be four years, renewable for a further term of four years. The period of service for Titular Members from the Divisions shall be two years, renewable up to a total of eight years.
- (iv) The President, in consultation with the Executive Board, shall appoint the Chair and the Secretary. ICTNS may propose candidates.
- (v) The period of service of the Chair and of the Secretary shall be four years, renewable for a further term of four years. The sum of the years of service as a Titular Member or as an Associate Member and as the Chair or the Secretary shall not exceed ten years.
- (vi) The following organizations shall be invited to attend meetings of ICTNS:
 - Bureau International des Poids et Mesures
 - International Organization for Standardization
 - International Union of Biochemistry and Molecular Biology
 - International Union of Crystallography
 - International Union of Nutritional Sciences
 - International Union of Pharmacology
 - International Union of Pure and Applied Physics

Terms of Reference

- (i) To be responsible for submission to the Science Board/Council, in accordance with Bylaw 2.1.1, for publication or otherwise, any IUPAC document concerned with terminology, nomenclature, symbols, and other conventions.
- (ii) Before recommending any material for publication as an IUPAC document, to ensure that full consultations have taken place, and the widest possible consensus has been reached among all Divisions and other bodies of the Union, and between IUPAC and other ISC bodies, the international standardization organizations, and Conférence Générale des Poids et Mesures (CGPM) and its Committees.
- (iii) To ensure, via each Division’s Titular Member on ICTNS, that all documents for publication emanating from that Division have been subject to a satisfactory level of review of substantive material by the Division Committee.
- (iv) To ensure that any considered IUPAC view shall carry the fullest possible weight among other international organizations, all negotiations on matters concerned with nomenclature and symbols with other ICSU bodies, with the international standardization organizations, and with CGPM and its Committees, shall be conducted through ICTNS, which shall advise the Executive Board and Science Board accordingly.
- (v) To be responsible, after consultation with all relevant bodies of IUPAC, for the official IUPAC comments on all documents on nomenclature, symbols, terminology and conventions sent to the Union for comment.
- (vi) To advise the President and the Executive Board on suitable persons for appointment as representatives of IUPAC on other bodies concerned with nomenclature, symbols, and terminology.

PURE AND APPLIED CHEMISTRY EDITORIAL ADVISORY BOARD (PAC-EAB)**Composition and Terms of Office**

- (i) There shall be an Editorial Advisory Board (EAB) for the IUPAC journal *Pure and Applied Chemistry (PAC)*, comprising the Secretary-General (*ex officio*), the President of each Division or their nominated representative (*ex officio*), the Chair of the Committee for Publications and Cheminformatics Data Standards or their nominated representative (*ex officio*), the Chair of the Interdivisional Committee for Terminology, Nomenclature and Symbols or their nominated representative (*ex officio*), the Scientific Editor (*ex officio*), and up to six invited members.
- (ii) The *ex officio* members shall serve for the duration of their IUPAC appointments, subject to confirmation at each General Assembly. Invited members shall be nominated by the President and appointed in consultation with the Executive Board. Their period of service shall be four years, renewable for a further term of four years.
- (iii) The Secretary-General shall chair any meetings of EAB members, and the Secretariat shall maintain records of such meetings.

Terms of Reference

- (i) The EAB shall monitor scientific and editorial standards of *PAC*, and advise and assist on all aspects of planning, implementation, and evaluation of publication policy and practice.
- (ii) The EAB shall respond to requests for critical evaluation of *PAC* activities and initiatives.
- (iii) The *ex officio* members of the EAB shall be responsible for reporting back to their respective IUPAC constituencies on relevant *PAC* matters.

PROJECT COMMITTEE (PC)**Composition and Terms of Office**

- (i) There shall be a Project Committee composed of a Chair and five Elected Members of the Science Board. In addition, the Vice President shall be an *ex officio* voting member.
- (ii) The President, in consultation with the Executive Board and Science Board, shall appoint the members.
- (iii) The Chair shall not be a member of any other IUPAC body.
- (iv) The period of service of the Chair and members shall be two years.
- (v) The Chair shall not serve for more than six years.
- (vi) The Executive Director, or designee, shall act as Secretary for the Committee.

Terms of Reference

- (i) To make funding decisions on interdivisional projects.
- (ii) To make funding decisions on projects judged to be too large for the financial resources of a Division or Standing Committee.
- (iii) To make funding decisions on projects from Standing Committees that does not have project budgets.
- (iv) To recommend projects for submission for external funding.
- (v) To operate within the project budget determined by the Treasurer and approved by the Council and to keep the Treasurer informed of its actions.
- (vi) To act in a timely fashion on approval requests so project schedules can be met.
- (vii) To make funding decisions on support for Conferences in Scientifically Emerging Regions and for Conferences on New Directions in Chemistry.