

**IASC COMMITTEE on” Computational Statistics and Data Mining for Knowledge Discovery”**  
**BY-LAWS**  
**Accepted 18 April 2012**

**1. Committee objectives and activities**

**Mission** The mission of the Committee is to promote the role of Statistics, in particular Computational Statistics(i.e. “Statistics in the Computer and Communication Age”) and Data Mining in the Knowledge Discovery (KD) domain.

**Focus** The **CS-DM&KD** Committee will discuss and implement, in a computational statistical framework, objectives related to the disciplines of data mining and knowledge discovery such as analyzing new and more complex data, moving from data driven toward a model based approach in KD, developing suitable statistical learning and innovative algorithms, by enhancing, at the same time, the IASC-ISI community role in the challenges of the Knowledge Society.

**Activities:**

- Provide an important new forum to promote cross-disciplinary discussions and researches on CS-DM for KD;
- Stimulate and sponsor sessions of ISI meetings, and cutting edge conferences and workshops on specific aspects of CS-DM for KD;
- Promote the preparation of review and technical papers on CS-DM for KD for publication in the ISI Review, CSDA and other scientific journals or newsletters;
- Encourage the preparation and sharing of teaching materials and software related to statistical and computational aspects of KD;
- Strengthen relationships and technologies of knowledge discovery; and promote common initiatives with other scientific societies interested in the methods
- Convey the fundamental concepts and methods of CS-DM for KD to the actors and general public in the Knowledge Society.

**2 Committee composition and organization**

The Committee consists of 10 effective members elected by the IASC Council. Half of them are renewed every 4 years. However initially, 5 members hold their posts for only two years .

The IASC President is an ex-officio member of the Committee.

The Committee effective members shall be eligible for re-election to office for only one further consecutive term of 4 years.

Not more than two Committee members shall be citizens of the same country.

The Committee pursues the activities under 1 above on the basis of an annual program approved by the Committee effective members.

**Committee officers**

The Committee elects among his members the Chairman and the Scientific Secretary .

- Business management and representation of the Committee is entrusted to the Chairman.

- The Scientific Secretary cooperates with the Chairman in the business management and is responsible for special topics such as newsletter, publications, website, producing reports, budget, organizing of the Committee meetings.
- The Executive Officers. includes the current Chairman, the Past-Chairman, the Chairman-Elect, the Scientific Secretary and the IASC President. The EO cooperate with the Chairman in the formulation of the annual program of the Committee activities.  
If the Chairman for any reason is unable to fulfill his responsibilities, the Past-Chairman- shall act as Chairman for the remaining term or until the Chairman shall again be able to serve.
- The term for the Committee officers is established as 2 years.

### **Committee Meetings**

- The Committee meets on the occasion of official IASC conferences and work by mail and web forums. The voting rules are those of IASC Council.
- One representative from ISI membership and one from each of the other ISI Associations is entitled to participate in the Committee meetings with a consultative vote.

### **Committee Affiliated and Correspondent members**

- IASC members, ISI and Associations members are entitled to participate in the activities promoted by the Committee on CS-DM&KD. They can apply for the status of "Affiliated members" in order to receive newsletters, participate in the web forums, seminars and conferences on the subject matter organized by the Committee.
- Contributions by the members of other Scientific Societies in the Committee activities are welcome and solicited. In order to enlarge the CS-DM for KD community they can apply for the status of Committee "Correspondent member".