

International Journal of the Faculty of Agriculture and Biology,  
Warsaw Agricultural University, Poland

## Editorial

**Manjit S. Kang, Editor-in-Chief**

**Marcin Kozak, Editor, Managing Editor**

**P.V. Vara Prasad, Editor**

*Communications in Biometry and Crop Science* (CBCS), located on the Internet at <http://agrobiol.sggw.waw.pl/cbcs/>, is an online journal for the publication of peer-reviewed, scholarly research related to crop science and biometrics. Scope of this journal encompasses subject matter of crop science and biometry, including agronomy, production agriculture, plant breeding, crop physiology, plant-soil relations, and crop protection. There is a great need for this type of journal because high quality scientific research in crop science must be shared rapidly with other researchers and agricultural practitioners around the world.

The world faces a serious food problem. According to Food and Agriculture Organization estimates, about 3 billion of the current 6.5 billion people in the world live in poverty, 815 million suffer from hunger, and half of the children in the poorest countries are malnourished. The United Nations Millennium Declaration of 2000 set as its goal to halve the number of people suffering from extreme poverty and hunger by 2015. According to Dr. P. Hartmann, Director General of the International Institute of Tropical Agriculture, one of the most effective ways to alleviate poverty, and in turn its inseparable partner hunger, is through agriculture and the production of more food.

Nobel Laureate Norman E. Borlaug optimistically stated in 2000, "I now say that the world has the technology - either available or well advanced in the research pipeline - to feed a population of 10 billion people." He also cautioned scientists in 1999 that world food production would have to double over the next 30 years and triple over the next 50 years to meet demand.

In the 1990s, American journalist, David Brinkley, quite aptly announced in television commercials on behalf of an agricultural company that from the standpoint of food, the world must be viewed as one civilization and that until everyone had food to eat, there would be no peace or prosperity in the world. Stakes are high for agricultural scientists who face the enormous challenge of helping feed the teeming millions around the world. Rapid technology transfer is required to meet the world food and fiber production challenges of providing food, clothing, and shelter to the burgeoning world population that now stands at 6.5 billion people and expected to more or less double in the next 50 years. Arable land in the world being limited (currently estimated to be 8.57 billion hectares), the ever-increasing demand for food necessitates a much greater efficiency of agricultural production systems, especially crop breeding and performance trials. More food will need to be produced on less land.

We envision that CBCS will be an important vehicle in helping achieve the food and fiber production goals in the 21<sup>st</sup> century by publishing timely, relevant, and cutting-edge research in crop and biometrical sciences and helping transfer technology globally. The vision of the Faculty of Agriculture and Biology of the Warsaw Agricultural University in establishing this online journal on its 100<sup>th</sup> anniversary for the noble cause of enhancing food production is to be applauded.

This Journal is not meant to be just another journal and a mirror image of existing crop science or biometry outlets. That would be pointless, because there are many such journals that provide valuable information on crop science and biometry. However, publishing in most of those journals takes much time – long review process and hence long publication time. The long publication process in print journals is often associated with printing process. In our opinion, research results must be published rapidly. To ensure rapid publication of quality research, *Communications in Biometry and Crop Science* was created. We have excellent volunteer reviewers and editors who will ensure that only articles of the highest quality are published in CBCS. The online nature of this journal ensures availability of published research results to researchers, producers, and general public around the globe immediately.

In CBCS, we have a diverse group of reviewers and editors from across the globe; they are crop scientists and/or biometricians. We trust that this will help integrate crop science and biometry and increase the interaction between the two groups, making crop scientists more flexible and comfortable with statistical methods and biometricians more aware of the needs of crop science. We trust also that CBCS will make its due contribution to the development of both crop science and biometry and that this contribution will have a great impact on the charting of future directions of these two indispensable disciplines.

We look forward to working with authors, editors, and reviewers of this journal and making it one of the outstanding outlets for scholarly research in crop science and biometry.