



## International Consortium for Sugarcane Modelling

Minutes of ICSM business meeting held on 5 Sep 2019, 13:00 in Tucuman, Argentina

Present: A. Singels (SASRI), J Shine (SCGC) , M. Vilas (CSIRO), M. Christina (CIRAD), D. Poultney (CIRAD), R. Khandagawe (SNSI), J-C. Somli (CIRAD), J. Tonata (EEAOC) , D. Ponce (IFEVA-Conicet) , O. Nuñez, T. Hiroo (Univ Ruykuys, SRA), S. Ausoux (CIRAD), M. Chaput (CIRAD) , E. Bastidas (eLeaf), P Jackson (CSIRO), P. Lakshmanan (Sugarcane Research Institute, GXAAS)

1. ICSM objectives and achievements were reviewed. Non-members were encouraged to join for a once-off buy-in fee of \$1000. All present will be included in the ICSM address lists to receive communications.
2. A. Singels reported on progress with the ICSM project entitled : “Modelling of international G XE interaction”. APSIM-sugar, DSSAT-Canegro and Mosaic capabilities for simulating genetic effects are evaluated against data collected by ICSM project participants (CIRAD, SASRI, ZSAES and Florida SCGC). One paper was accepted by Scientific Journal: Field Crops Research (<https://authors.elsevier.com/c/1ZrX21M2tVHAoD>). A 2<sup>nd</sup> paper is in preparation. The next phase is to develop an improved model to predict genotype performance in different environments and to assess its usefulness to support sugarcane breeding. The project will be concluded by March 2021. It was reiterated that data from the project is owned jointly by participants, but that its use requires approval by all participants and appropriate acknowledgement.
3. Proposals for new projects were invited. Discussion revolved around:
  - a. sharing of experimental and other data required for modelling
  - b. modelling of nitrogen and phosphorous relations
  - c. training workshops to build capacity

Attendees were asked to share ideas using the ICSM discussion list

4. ICSM finances were next discussed. A. Singels presented a SASRI audited summary of income and expenditure. ICSM has a balance of funds of R 350 000, most of which will be used in the remainder of the 2019/20 and 2020/21 financial years as bursary payments. One more payment in 2020/21 will be required from project participants. Members present accepted financial statements and the budget proposed for 2019/20 and 2020/21.
5. Jim Shine of SCGC was re-elected as chairperson and Abraham Singels of SASRI as Treasurer and Secretary.
6. Meeting was adjourned at 14:00.

