



2nd International Conference on Advances in Plant Sciences (ICAPS -2)

November 18-22, 2014, Kuching, Sarawak, Malaysia

Scope: The main objective of the International Conference on Advances in Plant Sciences (ICAPS) is to showcase advances in botanical research and conservation of plants across the globe. There is an unprecedented development in every field of plant science in recent years because of rapid progress made in the areas of molecular biology in general and genomics and proteomics in particular. The skills and knowledge of botanists are needed worldwide helping farmers to produce crops and conservation of natural flora and fauna. There is an urgent need to understand the life cycle of several endangered plant species so as to frame suitable strategies to save them before extinction. The green plants are important as they provide food, shelter, pure oxygen for life, cleaner environment and everything man needed for survival. The scheduled conference organized by V Sivaram Research Foundation in association with Century Foundation, Bangalore; University of Technology Mara, Sarawak and Government of Sarawak, Malaysia will provide a scientific platform to exchange the information on the recent advances in botanical research and to bring together the International scientific community involved in the study of plants, ecology and environment. It will encompass the following areas for deliberation and will provide scope to plant biologists to share knowledge and exchange latest information in different scientific sessions.

Topics of the conference

1. Diversity of Bacteria, biological nitrogen fixation and bio-fertilizers.
2. Mycology, plant pathology and integrated disease management.
3. Diversity Algae, Bryophytes and their conservation.
4. Diversity of Pteridophytes and their conservation.
5. Diversity of Gymnosperms and their conservation.
6. Diversity of angiosperms, bio-systematics and floristics.
7. Botanical gardens, parks, Arboretum and landscape ecology.
8. Plant morphology, anatomy, embryology and Reproductive biology (floral biology, pollen-pistil interaction, pollination & post-fertilization events).
9. Ethno-botany, Traditional herbal Medicine (Ayurveda, Homeopathy, Chinese and Unani) and Pharmacognosy.
10. Molecular biology, Cytogenetics and Plant breeding.
11. Plant biotechnology, plant morphogenesis and tissue culture.
12. Bio-informatics and Nanotechnology – its application in modern plant biology.
13. Plant physiology & Biochemistry.
14. Ecology, climate change, plant adaptation.
15. Conservation and Management of Tropical Rainforests.
16. Integrated weed management.
17. Agro-biodiversity, traditional agriculture and conservation of wild relatives of crops.
18. R & D in Biofuels and other alternate energy sources
19. Plant – Animal interactions

For further details:

ICAPS International Secretariat: 132, 2nd Main Rd, R R Nagar Layout, Jnana bhārathi, Bangalore- 560056, India,
Tele Fax: +91 (080) 23181443

e.mail: info@icaps2014.com

Website: www.icaps2014.com ; www.plants2014.com

Organizer

