Special Issue

Techniques Applied to Grass Fields for Controlling Salinity and Water Stress

Message from the Guest Editors

Due to the lack of water in arid and semiarid areas in coastal regions, luxurious uses are contested. Low-quality water has gained a more prevalent role in the planning of additional water supplies for irrigation purposes of grass fields (golf courses, gardens or parks), but has reduced grass quality, increasing soil salination whilst deteriorating soil structure. Conventional protection techniques to combat salination processes and water stress include soil leaching, enhanced fertilization, localized irrigation systems, use of salt tolerant species. Though these protection techniques may be useful to plants, they do not solve the problem of soil or groundwater contamination. We encourage authors to include environmentally safe protection techniques of grass fields (drought tolerant grass species, salt-removing grass species, grass soil substrates, irrigation systems, minimal water levels).

Guest Editors

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