

Special Issue

Current Progress in Improving Water Use Efficiency of Vineyards

Message from the Guest Editors

Water scarcity is increasingly causing meaningful limitations in premium vineyard areas in recent years. Research on the ways to reduce the amount of water needed in these cultivation activities in order to increase the efficiency of water use is currently a main subject in both theoretical and applied focus. There is a widely recognised interest in identifying the plant water status in order to adjust the irrigation schedule and to improve the harvest quality parameters. Otherwise, the high number of cropped varieties and the recognized wide genetic variation among them makes any solution to improve quality and water use efficiency largely dependent on the variety, and shows the wide interest in genetic resources to overcome the limitations imposed by water scarcity. Moreover, the role of rootstock and the specific combination of rootstock and variety seem to be quite important. This Special Issue on would be of major interest for research and industry communities because while it is presently a hot topic, it is also of the highest interest to improve vineyard sustainability now and in the near future.

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