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The Effect of Abiotic Stress on Grapevine: A Physiological, Transcriptional and Metabolic Perspective

Guest Editors:

Prof. Dr. Franco Meggio

Department of Agronomy Food
Natural Resources Animals and
Environment (DAFNAE),
University of Padova, Padova,
Italy

Dr. Paolo Sivilotti

Department of Agricultural, Food,
Environmental and Animal
Sciences (Di4A) -University of
Udine, Udine, Italy

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Message from the Guest Editors

Dear Colleagues,

climate extremes during the past few decades with droughts, floods, and heat waves occurring in all parts of the world. Under this changing climate, as quality and yield of grapevine are directly linked with local climate variables through the terroir expression, wine-growing regions now perfectly suited to a given cultivar may become less so. Understanding physiological and metabolic response of plants to challenging environments is essential for preventing and mitigating possible negative effects on yield and grape quality.

This Special Issue of *Plants* will highlight the mechanisms of regulation of grapevine physiology, organ metabolism, source-sink signaling, hormone crosstalk, whole plant ecophysiological responses to abiotic stresses expected by current and future climate change scenarios.



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Special *issue*



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Editor-in-Chief

Prof. Dr. Dilantha Fernando
Department of Plant Science,
University of Manitoba, Winnipeg,
MB R3T 2N2, Canada

Message from the Editor-in-Chief

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Contact Us

Plants Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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