

ASCE STANDARD

ANSI/ASCE/EWRI

**39-23**

# Guidelines for Operational Hail Suppression Programs



ENVIRONMENTAL &  
WATER RESOURCES  
INSTITUTE

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# **Guidelines for Operational Hail Suppression Programs**



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## PREFACE

This standard is a revision of the 2015 *Guidelines for Operational Hail Suppression* and represents the current consensus of the ASCE EWRI Atmospheric Water Management Standards Committee.

This standard provides a general overview of the science and technology of hail suppression combined with specific strategies and procedures required to design, conduct, and evaluate hail suppression operations. Users of this standard must give particular attention to use of the mandatory “shall” and advisory “should” terms within the text of the standard. The body of this standard is supplemented with appendixes, which provide non-mandatory information or material that is an essential part of projects but too lengthy to place in the text.

Revisions to the mandatory requirements of this standard include

- Improvements to the strategy, practice, technologies, and techniques used to implement the standard;
- Improved figures and text to better express the latest science and its practice; and
- Updated sections on abbreviations, definitions, notation, and symbols.

The document is to be a standard guide to water resource, agricultural, energy and insurance managers as well as others who design, operate, or evaluate hail suppression projects. If this standard is used as part of an agricultural, energy or water security/sustainability program, the environmental and cost aspects of such interdisciplinary efforts should be considered.