

DOCKETED	
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WORKSHOP AGENDA

Cloud Seeding for Precipitation Enhancement

November 16, 2021
 9:00 AM -12:00 PM PST
 CALIFORNIA ENERGY COMMISSION
 Remote Access Only

Zoom Link:

<https://energy.zoom.us/j/97397796162?pwd=NVdibk1nM1k5b2lwKzQvWU9iQ0V0QT09>

Meeting ID: 973 9779 6162

Meeting password: cloud

Workshop Background and Objective: The California Energy Commission (CEC), in collaboration with the California Department of Water Resources (DWR), will host a staff workshop to provide an opportunity for government agencies, utilities, and other stakeholders, including members of the public, to learn about and comment on scientific advances in cloud seeding, the use of cloud seeding to increase precipitation in California, and considerations for developing research on potential future applications to address climate-related challenges in managing state energy and water resources.

Event	Time
1. Introduction and Overview Welcome: Dr. Susan Wilhelm <ol style="list-style-type: none"> a. Dr. Ramesh Gautam, California Department of Water Resources (DWR) b. Dr. Martine Schmidt-Poolman, California Energy Commission (CEC) 	9:00 AM
2. Current Cloud Seeding Efforts in California and Beyond Moderator: Dr. Ramesh Gautam, DWR <ol style="list-style-type: none"> a. <i>Perspective from a California Municipal Utility District</i>, Kaitlyn Bednar, Sacramento Municipal Utility District (SMUD) b. <i>Perspective from a California Investor-Owned Utility</i>, Kenneth Ericsson, Pacific Gas & Electric (PG&E) c. <i>Perspective from a local water agency</i>, Matthew Scrudato, Santa Barbara County Water Agency d. <i>Perspective from a cloud seeding contractor</i>, Richard Stone, RHS Consulting, Inc. 	9:15 AM
3. Scientific Advances in Precipitation Enhancement Moderator: Joe O’Hagan, CEC <ol style="list-style-type: none"> a. <i>The sensitivity of precipitation to aerosols as a basis for cloud seeding</i>, Dr. Daniel Rosenfeld, Hebrew University b. <i>Recent breakthroughs in observing and modeling cloud seeding impacts</i>, Dr. Sarah Tessendorf, National Center for Atmospheric Research c. <i>Research to operations: Wyoming’s cloud seeding story</i>, Julie Gondzar, Wyoming Water Development Office 	10:00 AM
4. Panel Discussion: Frontiers in Cloud Seeding Research and Application Moderator: Dr. Martine Schmidt-Poolman, CEC Panelists: <ol style="list-style-type: none"> a. Kresta Davis, Water Resources and Policy, Idaho Power b. Frank McDonough, Desert Research Institute c. Kaitlyn Bednar, Sacramento Municipal Utility District d. Dr. Daniel Rosenfeld, Hebrew University e. Dr. Sarah Tessendorf, National Center for Atmospheric Research 	11:05 AM
5. Public Comment	11:45 AM
6. Adjourn/Closing Remarks	11:55 AM