

Dr. David J. Delene



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Educational Background

Michigan Technological University, Houghton, MI

September 1989 - May 1993

Bachelor of Science in Applied Physics, GPA 3.53/4.0

Emphasis on Computational Physics

Michigan Technological University, Houghton, MI

September 1993 - August 1995

Master of Science in Geophysics, GPA 3.62/4.0

Thesis: Remote Sensing of Volcanic Ash Clouds Using Special Sensor Microwave Imager Data

University of Wyoming, Laramie, WY

September 1995 - December 1998

Ph.D. in Atmospheric Science, GPA 3.43/4.0

Dissertation: Vertical Profiles of Cloud Condensation Nuclei at Midcontinental Sites Through the Development and Use of a Balloon-borne Instrument



Research: Aircraft Field Projects

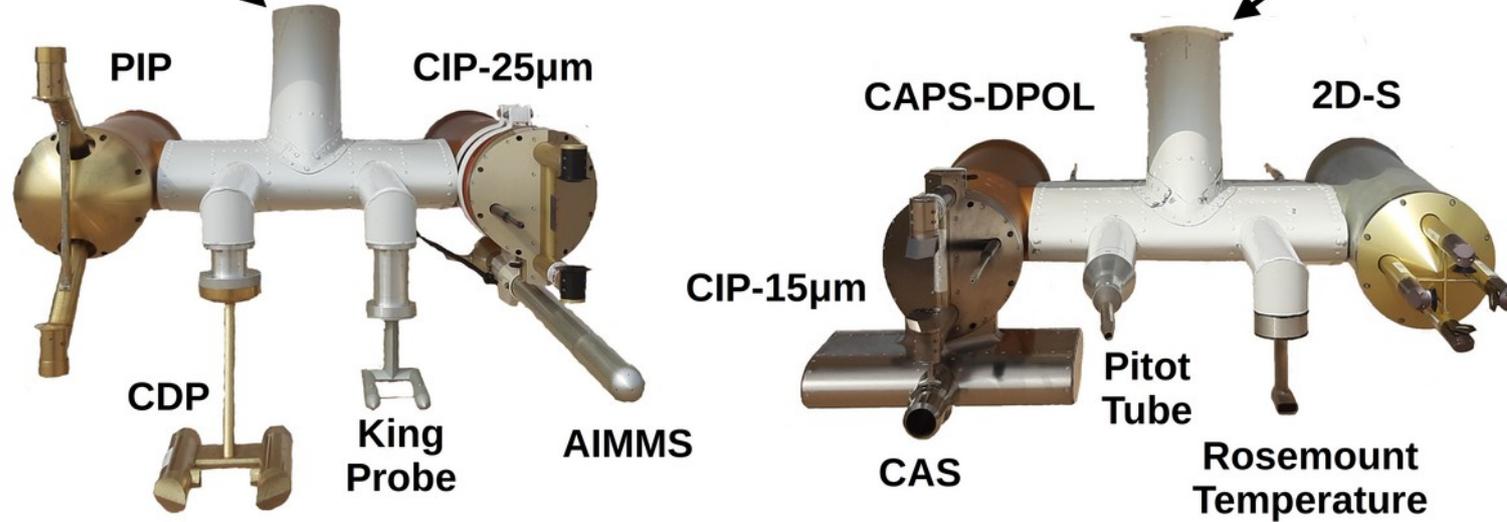


Image showing the wing probes used during the Saudi Aerosol-Cloud-Precipitation Enhancement Campaign (SARPEC) field projects in 2023 and 2024.

Scientific Publications

THE JOURNAL OF

Weather Modification

VOLUME 44 APRIL 2012 WEATHER MODIFICATION ASSOCIATION

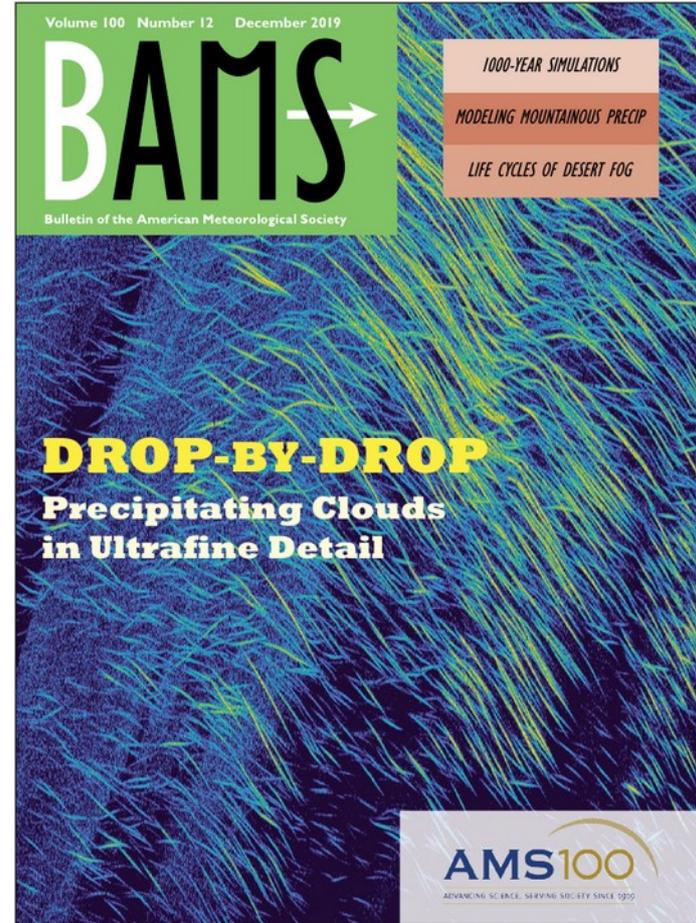


Light at the end of the tunnel – April 2011

Weather Modification Association

*Promoting research, development and understanding of
weather modification for beneficial uses*

Past Editor of the Journal of
Weather Modification.



Author on many scientific publications including
articles related to weather modification.

Welcome: Let us Start the Journey!

- Can we change the weather?
 - What are your questions?
- Not enough rain.
- Hail damaged my crops.
 - What problem can weather modification address?



Be Curious!

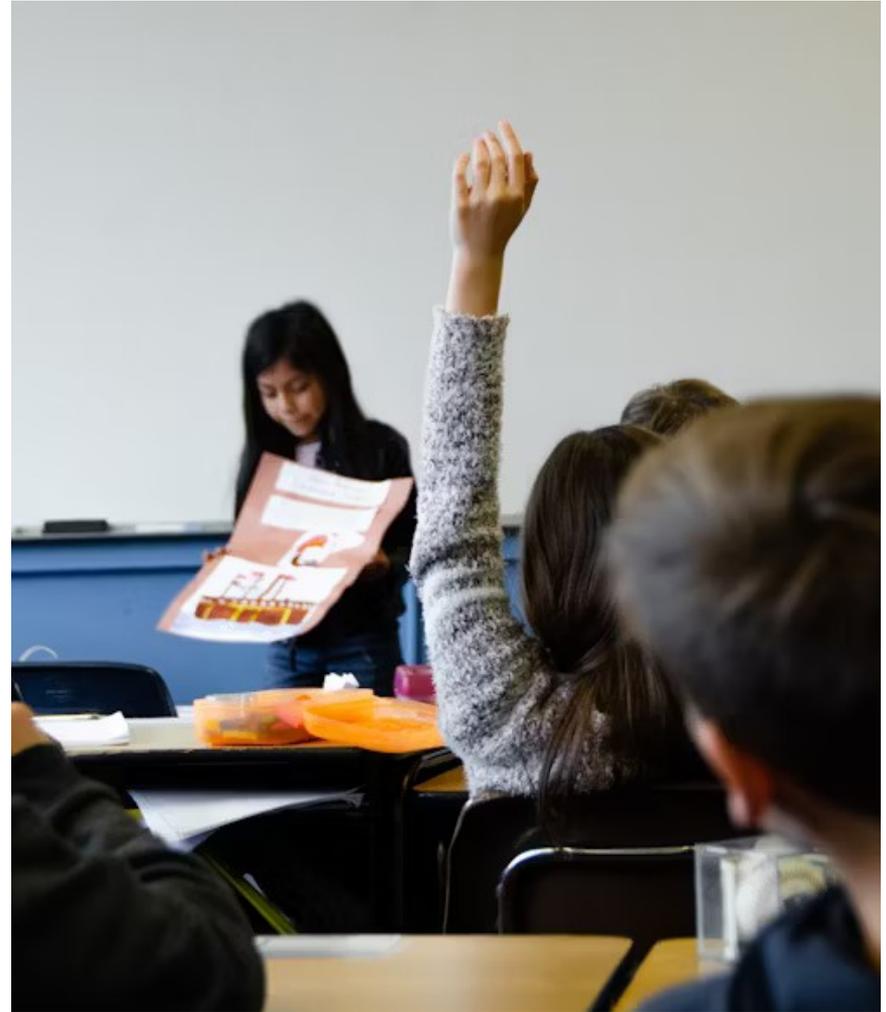
Community: Questions and Discussion

- Please join the caravan for the journey.
- We have places to go and things to see.
 - Ask Questions
 - Talk to each other and myself.



Learning: What Strategies are Successful?

- What has worked for you in the past?
- What has been your best, and worst, class that you have taken?
- What can you do to be successful in the course?



Expectations: Course Outline

- Quizzes and Exams
- Classroom
 - Presentation / Zoom
 - Videos / Demonstrations
 - In-the-news Discussions
- Class Participation
 - Expected to come to class.
 - Missed Classes



Group photo for the 2024 Fall Plotting and Programming in Python Workshop