

# Julianne DeAngelo

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Department of Earth System Science  
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## RESEARCH INTERESTS

Scalable decarbonization strategies for the most difficult-to-decarbonize energy services, with a focus on carbon-neutral fuels and carbon management.

## EDUCATION

**University of California, Irvine**–Irvine, CA September 2019–Present  
PhD Student, Department of Earth System Science  
Advisor: Steven J. Davis

**Dartmouth College**–Hanover, NH June 2019  
Bachelor of Arts, Cum Laude, Earth Sciences with Honors  
Advisor: Erich C. Osterberg

## ACADEMIC EXPERIENCE

**Graduate Student Researcher, Sustainable Systems Analysis Lab** 2019–Present  
Davis Group, University of California, Irvine–Irvine, CA

**Research Assistant, Dartmouth College Ice Core Chemistry Lab** 2016–2019  
Dartmouth College–Hanover, NH

## JOURNAL PUBLICATIONS

In Review

1. **DeAngelo, J.**, I. Azevedo, J. Bistline, L. Clarke, G. Luderer, E Byers, and S.J. Davis. Net-zero CO<sub>2</sub> emissions scenarios.

## CONFERENCE PARTICIPATION

**American Geophysical Union Fall Meeting**–Washington, D.C. December 2018  
*Presenting Author, Poster Session*

Updated 26 January 2021

- **DeAngelo, J.**, Osterberg, E.C., Lewis, G., Ferris, D.G., Hawley, R.L., Marshall, H.-P., Birkel, S., Graeter, K., 2018. *Surface melt changes and climate forcing in the Western Greenland percolation zone*. Abstract C43E-1842 presented at the 2018 AGU Fall Meeting (Washington, D.C.)

## TEACHING

- **ESS 70B Sustainable Agriculture and Water Systems** Winter 2021  
Teaching Assistant