

# Matthew B. Osman

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## Personal information

*Website* <https://mattosman.github.io/> (<https://osmanclimate.com>)  
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ORCID ID: [0000-0002-5636-698X](https://orcid.org/0000-0002-5636-698X)  
*Social media* None \*No, that's not an oversight.  
*Research foci* Data assimilation, climate dynamics, paleoclimatology, proxy development, data analysis, statistics, inverse methods

## Professional appointments

2023 – **Assistant Professor**, Dept. of Geography, University of Cambridge, UK  
2022 – **Research Affiliate**, Dept. of Geology, University of Arizona, USA  
2019–2022 **Postdoctoral Researcher**, Climate Systems Center, University of Arizona, USA

## Education

2014–2019 **Ph.D. in Climate Science**, Massachusetts Institute of Technology / Woods Hole Oceanographic Institution (MIT/WHOI) Joint Program, USA  
*Thesis*: Greenlandic ice archives of North Atlantic Common Era climate  
2010–2014 **BA in Geology with Distinction**, Augustana College, USA  
*Concentrations*: Mathematics and Environmental Studies  
*Graduated summa cum laude*

## Selected honors and awards

**Marie Skłodowska-Curie Actions (MSCA) Postdoc Fellowship (offer declined)**

*European Commission-funded*

**Ocean Outlook Research Fellowship**

*6-month research fellowship, Bjerknes Centre for Climate Research, Norway*

**National Defense Science and Engineering Graduate (NDSEG) fellowship**

*U.S. Department of Defense-funded*

**Fulbright Research Fellowship to Sweden (offer declined)**

*U.S. Department of State-funded research fellowship to University of Stockholm*

**Dr. C. Leland Horberg Scholarship in Geology**

*Awarded to top graduating Augustana College Geology major*

**Glenn T. Seaborg Science Award finalist**

*Augustana College's sole nominee (1/2600 students)*

## Failures

Way too many to count!

## Additional information:

**1)** Extensive experience with science outreach, including contributions to numerous (>20) podcasts, documentaries, TV interviews, and printed media pieces (including PBS radio, BBC, Popular Science, Scientific American, Nature Podcast, Business Insider, CNN, USA Today, Global News); **2)** ~10 years field experience with expeditions to Greenland, Arctic Sweden, Alaska, Canada; **3)** Delivery of >30 talks (~20 invited seminars) in the last 5 years. **4)** Outdoor training and qualifications including National Outdoor Leadership School (NOLS) Wilderness First Responder, AIARE Avalanche Safety Level 1, glacier travel and crevasse rescue training and 10+ years of mountain/climbing know-how. **5)** Peer reviewer for >25 papers for >10 journals (including *Nature*, *Science Adv*, *Nature Geoscience*, *Geophysical Research Letters*, *JGR*, *Climate Past*, etc.)