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WORK EXPERIENCE

2005- *Planetary Science Institute*

Senior Scientist (2012 – present)

Research Scientist (2008-2012)

Associate Research Scientist (2005-2008)

2003-2005 *California Institute of Technology*

Postdoctoral Scholar in Planetary Science (2003-2005)

EDUCATION

1993-2002 *University of California, Los Angeles*

Ph.D, Geophysics and Space Physics, Advisor: David A. Paige

1989-1993 *Harvard University, Cambridge, MA*

A.M., Earth & Planetary Sciences

A.B., Astronomy & Astrophysics and Earth & Planetary Sciences

1992 *International Space University, Kitakyushu, Japan*

PUBLICATIONS

Koutnik, M., Butcher, F.E., Soare, R.J., Hepburn, A.J., Hubbard, B., Brough, S., Gallagher, C., Mc Keown, L.E. and **Pathare, A.**, 2024. Glacial deposits, remnants, and landscapes on Amazonian Mars: Using setting, structure, and stratigraphy to understand ice evolution and climate history. In *Ices in the Solar-System* (pp. 101-142). Elsevier.

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