

PROFESSIONAL VITAE

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Professor, Research

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Education

Ph.D. Marine Geology, Brown University; May, 1990.
M.Sc. Marine Geology, Brown University; May, 1986.
B.A. Geology, Pomona College; May, 1983.

Professional Positions, Brown University

Professor, Research, 2021 to present
Associate Professor, Research, 2005-2021
Senior Research Associate, 1993-2005
Adjunct Lecturer, 1992, 1995, 1997, 2003, 2004
Postdoctoral Research, 1990-1993

Research Publications (No Abstracts, *graduate student, post-doc., advisee, visiting scientist)

- *McGrath, S, Clemens, SC, & Huang, Y. (2025). Data report: Site U1448 leaf wax hydrogen isotopes, IODP Expedition 353, Andaman Sea. Retrieved from College Station, TX:
https://publications.iodp.org/proceedings/353/204/353_204.html
- Clemens, S, & Krissek, L. (2025). Climate Cycles. In K. St. John & L. Krissek (Eds.), Climate Change: A Geoscience Perspective (pp. 351-383). Cham: Springer Nature Switzerland.
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- Gupta, AK, Gupta, P, Clemens, SC, Majhi, B, & Cheng, H. (2025). Extreme events in the Indian monsoon during the Bølling–Allerød interstadials as documented in a core monsoon zone speleothem record. *Global and Planetary Change*, 252, 104902.
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- *Thirumalai, K, Clemens, SC, Rosenthal, Y, Conde, S, Bu, K, Desprat, S, Erb, M, Vetter, L, Franks, M, Cheng, J, Li, L, Liu, Z, Zhou, LP, Giosan, L, Singh, A, & Mishra, V. (2025). Extreme Indian summer monsoon states stifled Bay of Bengal productivity across the last deglaciation. *Nature Geoscience*. 10.1038/s41561-025-01684-6.
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- Kaushik, A, Gupta, AK, Clemens, SC, Kumar, P, Sanyal, P, Jaiswal, MK, Maurya, AS, & Sengupta, S. (2025). Indian monsoon variability during the past 600 years. *Quaternary International*, 718, 109583. <https://doi.org/10.1016/j.quaint.2024.11.001>.
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- Podder, RSIS, Gupta, AK, Clemens, S, Sanyal, P, & Panigrahi, MK. (2024). Changes in the Indian Ocean surface hydrography driven by the seaway closure and monsoonal circulation since the late Oligocene. *Global and Planetary Change*, 232, 104335. <https://doi.org/10.1016/j.gloplacha.2023.104335>.
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