

THEODORE GREEN
theodore.green@princeton.edu

EDUCATION

Princeton University, Princeton, NJ
Ph.D. in Geoscience
Advisor: Blair Schoene

August 2021-Present

Dartmouth College, Hanover, NH
Bachelor of Arts in Earth Sciences and Senior Fellowship
Advisor: Brenhin Keller

September 2017-June 2021

RESEARCH EXPERIENCE

Schoene U-Pb TIMS Lab, Princeton University
PI: Blair Schoene

August 2021-Present

Senior Fellowship Program, Dartmouth College
Advisors: Brenhin Keller, Sarah Slotznick
Project title: "On Large Igneous Provinces and Phanerozoic Extinctions."

September 2020-June 2021

Keller Geoinformatics Lab, Dartmouth College
PI: Brenhin Keller

March 2019-June 2021

Slotznick Magnetism Lab, Dartmouth College
PI: Sarah Slotznick

January 2020-June 2021

PUBLICATIONS

Theodore Green, Paul Renne, and Brenhin Keller (2023). "Reply to Henehan and Witts: Continental flood basalts drive extinctions after the mid-Mesozoic." *Proceedings of the National Academy of Sciences*, 120 (21). doi: 10.1073/pnas.2304194120

Theodore Green, Paul Renne, and Brenhin Keller (2022). "Continental flood basalts drive Phanerozoic extinctions." *Proceedings of the National Academy of Sciences*, 119 (38). doi: 10.1073/pnas.2120441119

Theodore Green, Sarah P. Slotznick, Plinio Jaqueto, Timothy D. Raub, Eric Tohver, Ted E. Playton, Peter W. Haines, Joseph L. Kirschvink, Roger M. Hocking, and Paul Montgomery (2021). "High-resolution Late Devonian Magnetostratigraphy from the Canning Basin, Western Australia: a re-evaluation." *Frontiers in Earth Science*, 9, 757749. doi: 10.3389/feart.2021.757749

CONFERENCE PRESENTATIONS

Theodore Green, Blair Schoene, Thierry Adatte, Syed F.R. Khadri. "U-Pb zircon age constraints on the eruption of the Mandla Lobe, Deccan Traps." Deccan-Next Conference 2023. Poster presentation.

Theodore Green, Blair Schoene, Thierry Adatte, Syed F.R. Khadri. "U-Pb zircon age constraints on the eruption of the Mandla Lobe, Deccan Traps large igneous province." Gordon Research Conference Geochronology 2023. Poster presentation.

Theodore Green, Paul Renne, and Brenhin Keller. "Critical Rate Thresholds for Large Igneous Provinces and Extinctions." AGU 2022 Fall Meeting. Oral presentation.

Theodore Green, Paul Renne, and Brenhin Keller. "Quantitative Correlation of Large Igneous Provinces and Phanerozoic Extinctions." Goldschmidt Conference 2021. Oral presentation.

Theodore Green, Paul Renne, and Brenhin Keller. "Quantitative Correlation of Large Igneous Provinces and Phanerozoic Extinctions." Northeast Geobiology Conference 2021. Poster presentation.

Theodore Green and Brenhin Keller. "Quantitative Correlation of Large Igneous Provinces and Phanerozoic Extinctions." AGU 2020 Fall Meeting. Poster presentation.

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ACADEMIC AWARDS

Malcolm S. Forbes Merit Fellowship, Princeton University **2021-2022**
Dr. Warren Upham Geology Prize, Dartmouth College **Spring 2021**

TEACHING EXPERIENCE

Natural Disasters, Princeton University **Spring 2024**
Assistant in Instruction
Environmental Change, Dartmouth College **Fall 2020, Fall 2018**
Learning Fellow
How the Earth Works, Dartmouth College **Spring 2020**
Undergraduate TA

FIELDWORK

Deccan Traps, Princeton University **January 2023, October 2023, January 2024**
PhD thesis research. Collecting red boles and other samples for U-Pb geochronology in the Western Ghats and Mandla Lobe subprovinces of the Deccan Traps
The Stretch, Dartmouth College **Fall 2019**
Field camp in the western US

SERVICE

Diversity Committee, Princeton University **September 2023-Present**
Graduate Representative
Earth Science Department Institutional Diversity and Equity Committee, Dartmouth College **September 2020-June 2021**
Undergraduate Representative