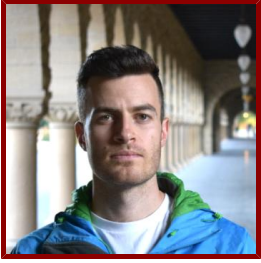


# Stanford

---



noah dewar

Ph.D. Student in Geophysics

---

## Bio

### BIO

Noah is a PhD Candidate in Environmental Geophysics at Stanford University. Noah graduated from McGill University in Montreal in 2012 with a joint major in physics and geophysics. He then worked in airborne geophysical surveying for three and a half years, using magnetics, gravity, and frequency domain electromagnetic methods to map geological regions around the world. He now is working with airborne time domain electromagnetic geophysical methods in combination with other geophysical data to study groundwater flow and recharge in the central valley in California.

### EDUCATION AND CERTIFICATIONS

- B.Sc, McGill University , Joint major in physics and geophysics (2012)

### STANFORD ADVISORS

- Rosemary Knight, Doctoral (Program)

### LINKS

- The Center for Groundwater Evaluation and Management: <https://gemcenter.stanford.edu/>

---

## Research & Scholarship

### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Studying aquifer systems and groundwater transport using airborne geophysical methods with an aim to improve and aid sustainable groundwater management practices at a local and state level.

---

## Professional

### WORK EXPERIENCE

- Field crew chief/Geophysicist - Sander Geophysics (May 2013 - August 2016)

---

## Publications

### PUBLICATIONS

- **Quantification of Peat Thickness and Stored Carbon at the Landscape Scale in Tropical Peatlands: A Comparison of Airborne Geophysics and an Empirical Topographic Method** *JOURNAL OF GEOPHYSICAL RESEARCH-EARTH SURFACE*  
Silvestri, S., Knight, R., Viezzoli, A., Richardson, C. J., Anshari, G. Z., Dewar, N., Flanagan, N., Comas, X.  
2019