



## Richard J. Nevle

Deputy Director, Earth Systems Program, Earth Systems Program

 Curriculum Vitae available Online

### Bio

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#### CURRENT ROLE AT STANFORD

Deputy Director, Earth Systems Program

#### HONORS AND AWARDS

- Walter J. Gores Award, Stanford University (2018)
- Excellence in Teaching, School of Earth, Energy, and Environmental Sciences (2017)
- Outstanding Teacher Award, University of California San Diego (2001, 2002)
- Chevron Fellow, Stanford University (1991)
- National Science Foundation Graduate Fellow, Stanford University (1989-1992)
- Pond Prize for best undergraduate thesis in Geology, Amherst College (1987)

#### EDUCATION AND CERTIFICATIONS

- Ph.D., Stanford University , Geological and Environmental Sciences (1995)
- B.A., Amherst College , Geology (1987)

#### LINKS

- Personal site: <http://www.richardjnevle.com/>
- The Paradise Notebooks: <https://www.cornellpress.cornell.edu/book/9781501762697/the-paradise-notebooks/#bookTabs=1>

### Teaching

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#### COURSES

##### 2023-24

- Earth Systems Capstone Project: EARTHSYS 210P (Win, Spr)
- Earth Systems Honors Workshop: EARTHSYS 199A (Aut)
- Introduction to Earth Systems: EARTHSYS 10 (Aut)
- Senior Capstone and Reflection: EARTHSYS 210A (Aut)
- Senior Capstone and Reflection: EARTHSYS 210B (Win)
- Wild Writing: EARTHSYS 149, EARTHSYS 249 (Spr)

##### 2022-23

- Earth Systems Capstone Project: EARTHSYS 210P (Win, Spr)

- Introduction to Earth Systems: EARTHSYS 10 (Aut)
- Senior Capstone and Reflection: EARTHSYS 210A (Aut)
- Senior Capstone and Reflection: EARTHSYS 210B (Win)
- Wild Writing: EARTHSYS 149, EARTHSYS 249 (Spr)

#### 2021-22

- Earth Systems Capstone Project: EARTHSYS 210P (Win, Spr)
- Introduction to Earth Systems: EARTHSYS 10 (Aut)
- Senior Capstone and Reflection: EARTHSYS 210A (Aut)
- Senior Capstone and Reflection: EARTHSYS 210B (Win)
- Wild Writing: EARTHSYS 149, EARTHSYS 249 (Spr)

#### 2020-21

- Earth Systems Capstone Project: EARTHSYS 210P (Win, Spr)
- Introduction to Earth Systems: EARTHSYS 10 (Aut)
- Senior Capstone and Reflection: EARTHSYS 210A (Aut)
- Senior Capstone and Reflection: EARTHSYS 210B (Win)
- Wild Writing: EARTHSYS 149, EARTHSYS 249 (Spr)

## Professional

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### PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Member, Ecological Society of America (2019 - present)
- Sustainability Design Team, Education Lead, Stanford University (2019 - present)
- Long-Range Planning Committee, Education Area Steering Group, Stanford University (2017 - present)
- Evaluation Committee, Notation in Science Communication, Program for Writing and Rhetoric, Stanford University (2016 - present)
- Writing and Rhetoric Requirement Governance Board, Stanford University (2015 - present)
- Teaching Task Force, School of Earth, Energy, and Environmental Sciences (2015 - 2016)

## Publications

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### PUBLICATIONS

- **The Paradise Notebooks: Ninety Miles across the Sierra**  
Nevle, R. J., Nightingale, S.  
Cornell University Press. 2022
- **Drawing Inspiration in the Range of Light** *Journal of Natural History Education and Experience*  
Nevle, R. J.  
2020
- **Quick capture and questions: A curriculum for introducing natural history through field journaling** *Journal of Natural History Education and Experience*  
Chay, F., Black, H., Nevle, R.  
2018; 12: 5-14
- **Stopping wildlife disease from becoming a crisis: a collaborative leadership success story 2016-5**  
Krebs, M., McIntosh, T., Nevle, R., Sturner, P.  
National Socio-Environmental Synthesis Center (SESYNC).  
2016 ; SESYNC Case Study for Teaching Socio-Environmental Synthesis

- **Neotropical human-landscape interactions, fire, and atmospheric CO2 during European conquest** *HOLOCENE*  
Nevle, R. J., Bird, D. K., Ruddiman, W. F., Dull, R. A.  
2011; 21 (5): 853-864
- **The Columbian Encounter and the Little Ice Age: Abrupt Land Use Change, Fire, and Greenhouse Forcing** *ANNALS OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS*  
Dull, R. A., Nevle, R. J., Woods, W. I., Bird, D. K., Avnery, S., Denevan, W. M.  
2010; 100 (4): 755-771
- **Effects of syn-pandemic fire reduction and reforestation in the tropical Americas on atmospheric CO2 during European conquest** *PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY*  
Nevle, R. J., Bird, D. K.  
2008; 264 (1-2): 25-38
- **A gold-bearing horizon in the Kap Edvard Holm Complex, East Greenland** *Economic Geology*,  
Bird, D. K., Arnason, J. G., Brandriss, M. E., Nevle, R. J., Radford, G., Bernstein, S., Guanacos, R. A., Keleman, P. B.  
1995; 90: 1288-1300
- **Imprint of meteoric water on the stable isotope compositions of igneous and secondary minerals, Kap Edvard Holm Complex, East Greenland** *Contributions to Mineralogy and Petrology*  
Brandriss, M. E., Nevle, R. J., Bird, D. K., O'Neil, J. R.  
1995; 121 (1): 74-86
- **TERTIARY PLUTONS MONITOR CLIMATE-CHANGE IN EAST GREENLAND** *GEOLOGY*  
NEVLE, R. J., Brandriss, M. E., Bird, D. K., McWilliams, M. O., ONEIL, J. R.  
1994; 22 (9): 775-778