



PROFILE

Working at the intersection of natural resource management and geospatial data science, Dr. Walden-Schreiner focuses on bringing data, disciplines, and people together to address socio-ecological challenges and inform inclusive decision making. Across her scientific and technical roles in academia, private industry, and philanthropy, she's worked closely with stakeholders from government agencies, nonprofit organizations, and communities to co-create decision support tools and take insights to implementation for efforts ranging from protected area management and landscape ecology to agriculture and biosecurity. At Vibrant Planet, she works closely with leadership to manage and lead a team of applied scientists, data scientists, and land management staff supporting Vibrant Planet's science information needs and product development and deployment.

CONTACT

WEBSITE:
www.vibrantplanet.net

EMAIL:
chelsey@vibrantplanet.net

ORCID:
<https://orcid.org/0000-0002-9342-2880>

SELECT PUBLICATIONS

"Forecasting global spread of invasive pests and pathogens through international trade." 2023. *Ecosphere*. In press.

"Plant pest invasions, as seen through news and social media." 2023. *Computers, Environment, and Urban Systems*. 100, 101922.

"Digital footprints: Incorporating crowdsourced geographic information for protected area management." 2018. *Applied Geography*, 90, 44-54.

CHELSEY WALDEN-SCHREINER

EXPERIENCE

Vice President of Applied Science – Vibrant Planet
2023 to present
Incline Village, NV

Affiliate Graduate Faculty - NC State University
2020 to present
Raleigh, NC

Data Scientist - Patrick J. McGovern Foundation
2022 to 2023
San Jose, CA

Research Scholar and Geospatial Data Scientist - NC State University
2020-2022
Raleigh, NC

Senior Data Scientist - John Deere
2018-2020
Moline, IL

Research Associate - NC State University
2012-2017
Raleigh, NC

Vegetation & Ecological Restoration – AmeriCorps / Student Conservation Association
2011
Yosemite National Park, CA

Graduate Research Assistant – NC State University
2010-2012
Raleigh, NC

Associate Editor – Wiley-Blackwell Publishing
2008 - 2010
Ames, IA

Times & Statistics Coordinator – USA Swimming
2007-2008
Colorado Springs, CO

EDUCATION

North Carolina State University
2012-2017
Forestry & Environmental Resources (PhD)

North Carolina State University
2010-2012
Natural Resource Management & GIS (MS)

Iowa State University
2003-2007
Journalism & Mass Communication (BA)