



## PROFILE

Ms. Gross has experience applying science to management at multiple scales in forest ecology, meadow/riparian ecology, landscape ecology, disturbance ecology, translational ecology, and monitoring and adaptive management.

## CONTACT

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## RECENT PUBLICATIONS

"Fire ecology of the North American Mediterranean-climate zone". In Press. Fire ecology and management of US forested ecosystems: past, present, and future.

"Spatial patterns of meadow sensitivities to interannual climate variability in the Sierra Nevada". 2019. *Ecohydrology*: e2128.

"Fire Regime Alteration in Natural Areas Underscores the Need to Restore a Key Ecological Process". 2019. *Natural Areas Journal* 39(3): 250-263.

"Forest structure and climate mediate drought-induced tree mortality in forests of the Sierra Nevada, USA". 2019. *Ecological Applications*: e01902.

"Subalpine Sentinels: Understanding & Managing Whitebark Pine in California". 2019. *Fremontia* 47(1): 34-42.

"Forest recovery following extreme drought in California, USA: natural patterns and effects of pre-drought management". 2019. *Ecological Applications*: 10.1002/eap.2002.

"Curtailling succession: Removing conifers enhances understory light and growth of young aspen in mixed stands around Lake Tahoe, California and Nevada, USA". 2017. *Forest Ecology and Management* 400: 511-522.

# SHANA GROSS

## EXPERIENCE

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### **Ecologist – Vibrant Planet**

2021 to present  
Taupo, New Zealand

### **Associate Ecologist - USFS Central Sierra Province**

2011 to present (Sabbatical 2021-2022)  
California

### **Monitoring Planner – USFS Pacific Southwest Region**

2019 to 2020  
California

### **Assistant Regional Ecologist – USFS Pacific Southwest Region**

2017  
California

### **Adjunct Faculty – Lake Tahoe Community College**

2012 - 2013  
South Lake Tahoe, CA

### **Ecologist – Lake Tahoe Basin Management Unit**

2004 - 2011  
South Lake Tahoe, CA

### **Graduate Research/Teaching Assistant – SUNY Environmental School of Science and Forestry**

2006 - 2008  
South Lake Tahoe, CA

### **Botany Technician – Lake Tahoe Basin Management Unit**

2003-2004  
South Lake Tahoe, CA

### **Botany Technician – Plumas National Forest**

2002  
Quincy, CA

### **Lichen Physiology Intern – Albrecht von Haller Institute of Plant Sciences**

2002  
University of Göttingen

### **Biological Surveyor – Private Contractor**

2000 – 2001  
Oregon, Washington

## EDUCATION

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### **The State University of New York Environmental School of Science and Forestry**

2006-2009  
Ecology – Environmental & Forest Biology (Masters of Science)

### **The Evergreen State College**

1996 – 2000  
Ecology, Environmental Science, & Ethnobotany (Bachelor of Science)