

# Patagonia's Watershed

## What the research tells us

**Dr. Laura Norman, Research Physical Scientist with  
the U.S. Geological Survey**

**Saturday, December 17, 2016**

**10:00am**

**Cady Hall, Patagonia Library**

**All are welcome to this Free Presentation**



Dr. Norman has spent 18 years modeling watersheds in the U.S. Mexico border region.

Her Master's thesis investigated the flow of water and erosion processes associated with acid-mine drainage in the Patagonia Mountains.

She will discuss

- ◆ how population and climate change intensify pressures on landscapes, and new methods of managing and monitoring watershed health
- ◆ how three different watershed models simulate surface water runoff when rain water flows downhill over the landscape in Patagonia
- ◆ how to effectively monitor resource processes and quantify human impacts
- ◆ how water is otherwise dispersed in the hydrologic cycle and scenarios that can be considered to alter these processes occurring locally

Sponsored by *FOSC*  
*Friends of Sonoita Creek*

Friends of  
 Sonoita Creek  
*keep it flowing!*