

February 2026

**Next Meeting:**  
Tuesday,  
February 3rd

**Time:**  
Social: 6:00pm  
Dinner 6:15pm  
Presentation:  
7:00pm

**Location:**  
3 Iron  
Brewing Company  
898 South Via Lata,  
Suite A  
Colton, CA 92324

**Coming to Dinner?**  
Students \$10  
IGS Members \$12  
Non-Members \$15  
Please RSVP by  
January 30th to:

[rsvp.igs@gmail.com](mailto:rsvp.igs@gmail.com)

## Newsletter of the Inland Geological Society Volume 38 No. 2

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*February Speaker: Dr. Claire Todd  
Chair of the [Department of Geological Sciences](#)  
California State University San Bernardino*

### **“Tracking Ice Sheet Retreat Using Cosmogenic Nuclides”**

#### ***Abstract:***

Ice sheet retreat reveals underlying bedrock and strands glacially transported rock, exposing these geologic materials to the cosmic ray flux. Geologists use the resulting cosmogenic nuclides in minerals to determine the timing and rate of ice sheet retreat. Studies across Antarctica reveal a range of ice sheet thinning rates over millennia and provide a valuable comparison to measurements of modern ice sheet change. This presentation will provide an overview of this geochronological technique, and share field experiences and results from surface exposure age studies in East and West Antarctica.



#### ***Speaker Biography:***

Dr. Claire Todd is Professor and Chair of the Department of Geological Sciences at California State University San Bernardino where she works with students to study cryospheric change in Antarctica, California, and the Pacific Northwest. She has completed six deep field seasons in Antarctica.

## **ANNOUNCEMENTS:**

The Inland Geological Society will meet each month at:

**3 Iron Brewing Company**  
898 South Via Lata , Suite A  
Colton, California 92324  
(<https://www.3ironbrewingco.com>)

**Our next meeting is scheduled for Tuesday, March 3, 2026.**

**Visit our:**

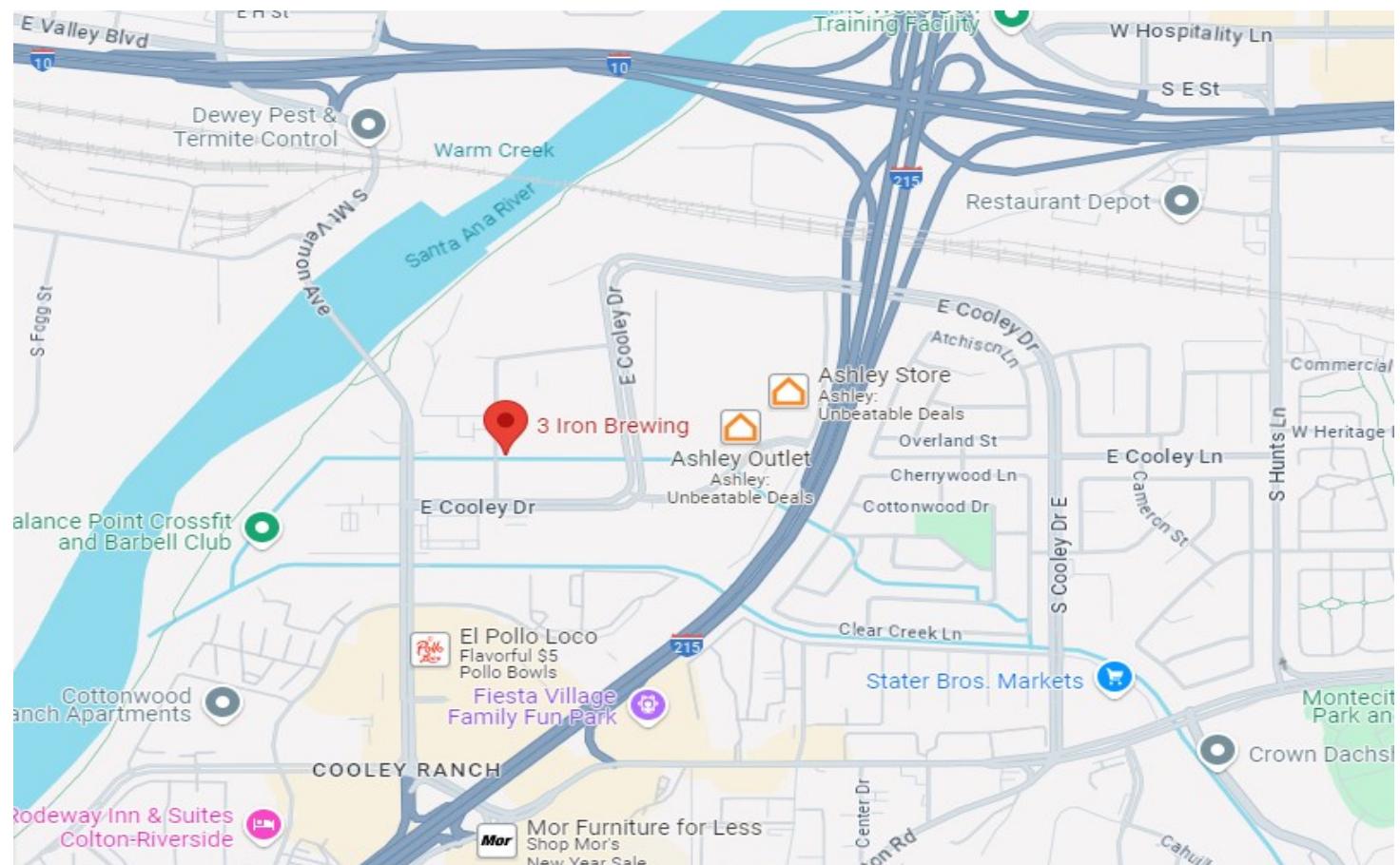
- Webpage at <https://www.inlandgeo.org>.
- Facebook Page at <https://www.facebook.com/groups/InlandGeo/>.

IGS coffee mugs are available at the monthly meetings for \$10. Get yours at the upcoming meeting!



## 3 Iron Brewing Company

898 South Via Lata , Suite A  
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