

January 2026

Next Meeting:
Tuesday,
January 13th

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 9th to:

rsvp.igs@gmail.com

Newsletter of the Inland Geological Society Volume 38 No. 1

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*January Speaker: Ed Hernandez PE
Principal Engineer
[Project X Corrosion Engineering](#)*

"Dissimilar Metal Corrosion Case Studies - Try not to laugh"

Abstract:

The presentation will review multiple case studies in which dissimilar metal connections along with some other factors led to failures in pipelines, rebar in concrete, concrete degradation, earthquake anchor corrosion, and building plumbing systems. The speaker hopes to illustrate how different metals react in different pH, and why cathodic protection can be thought of as pH control and not only electron flow, reminding everyone that some metals thrive in high pH while others do not.

Speaker Biography:

Presenter Biography: Eduardo Hernandez, PE is the Principal Engineer at Project X Corrosion Engineering. He graduated from California State Polytechnic University of Pomona as a Mechanical Engineer and earned a Masters in Materials Science at Tampere University of Technology in Finland. He has worked as a 3D CAD designer, foundry intern, university researcher, land development and water resources design engineer at RBF Consulting, a corrosion engineer at Schiff Associates, as a forensic engineer at Vollmer-Gray Engineering Labs, and principal engineer at Project X Corrosion Engineering. His experience has provided the opportunity to learn from many people's mistakes and to provide advice on avoiding and mitigating future mistakes or being thrown under the bus. Ed has also served all chairs and chairmanship of NACE Los Angeles, Western States Corrosion Seminar, ASCE Los Angeles Geo-Institute, Society of Military Engineers Inland Empire, and ASM Temecula.

Speaker Biography (continued):

As of December 15, 2025, Project X Corrosion Engineering has moved to a new headquarters located at 22095 Palomar Street, Wildomar, California 92595.

Website: <https://projectxcorrosion.com/>

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, February 3, 2026.

Visit our:

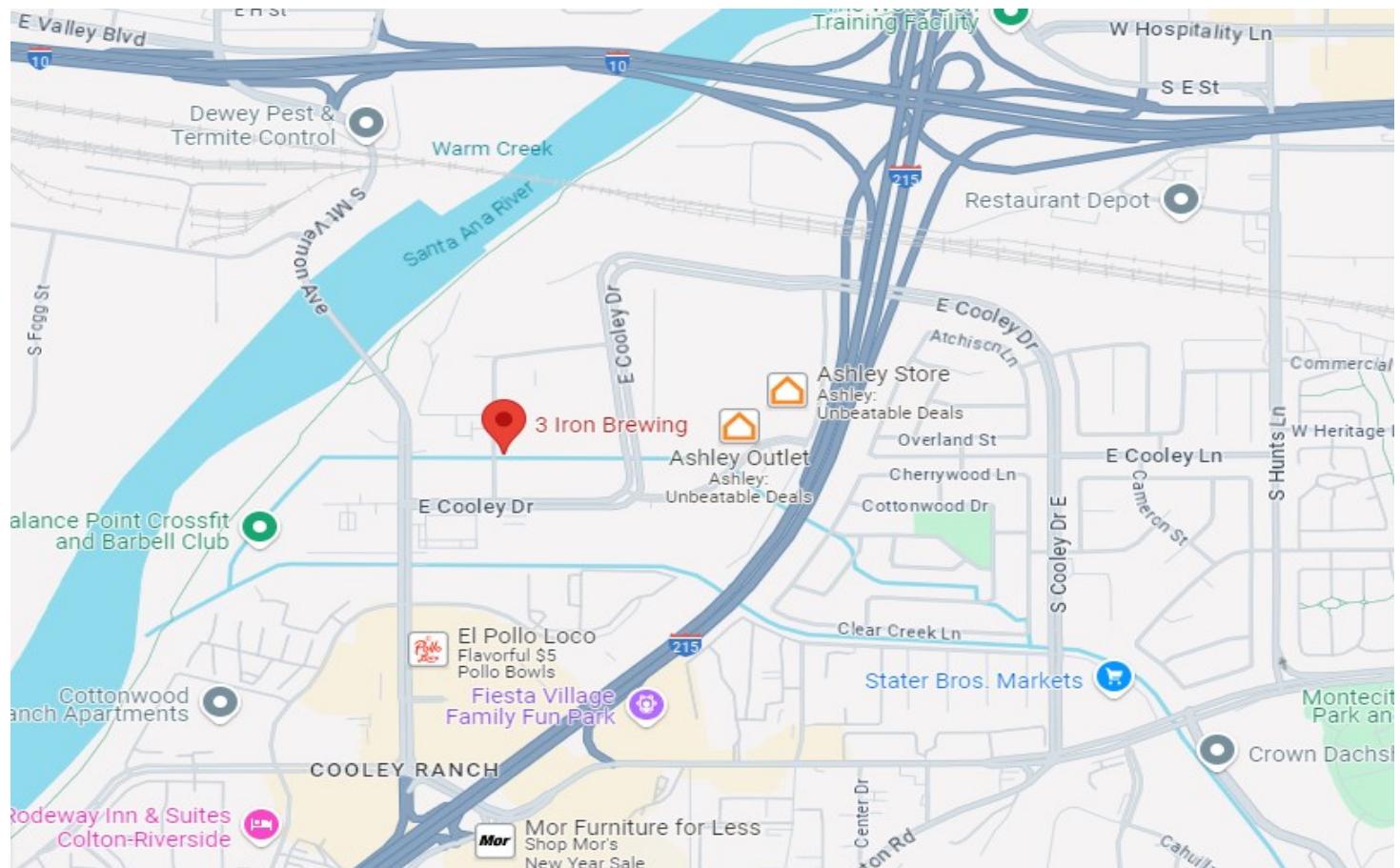
- Webpage at <https://www.inlandgeo.org>.
- Facebook Page at <https://www.facebook.com/groups/InlandGeo/>.

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
Colton, California 92324



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