



The Rock Record – March 2025

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Please contribute to the SGS Newsletter

The SGS Newsletter is produced by the SGS executive. Letters, announcements, notices, comments, photos, news and information about SGS members, etc. are always welcome. Call an executive member or write to us at:

SGS e-mail address:

sask.geol.soc@hotmail.com

SGS Website:

www.sgshome.ca

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The 2nd Annual Saskatchewan's Critical Mineral Superheroes Event

April 15th and 16th

9:00 a.m. to 11:30 a.m. and 12:30 p.m. to 3:00 p.m. each day.

Campus Regina Public School

1069, 14th Avenue East, Regina.

Anyone with a science or educational background including students are encouraged to volunteer (See flyer below).

Saskatchewan Geological Society U of R Student/Industry - Spring is Finally Here Mixer!

When: March 28th

Where: The Owl U of R

Time: 3pm-7pm

Take this opportunity to renew your membership before pricing goes up \$10.00.

Also, network with other SGS members and engage with geology students!

Appetizers will be served AND 2 free beverage tickets will be issued to every member that has renewed their membership for 2025.

All are Welcome!

President's Message

Dear Members of the Saskatchewan Geological Society,

It is with great pride, humility and excitement that I take on the role of President of the Saskatchewan Geological Society (SGS) for 2025. I am truly honoured to lead such a vibrant community of geoscientists, industry professionals and educators who share a deep passion for the Earth and its complexities. Together, I look forward to advancing our field, fostering innovation and building on the solid foundation of excellence that SGS has cultivated over the years. A huge WELCOME also to our 2025 New SGS Executive!

Geology has been a central part of my life since a very young age, shaping my professional journey in the oil, gas, land and mining sectors. Along the way, I've gained valuable technical expertise, but also a strong appreciation for the delicate balance between resource development and environmental responsibility. This balance is something I'm committed to advancing as we continue to tackle the evolving challenges of our industry.

Mentorship has also been a key focus of my career, especially in supporting women in the geosciences and mining industries. As a mentor and advocate for professional growth, I've had the privilege of seeing firsthand the transformative power of initiatives like Women in Mining and Women in Nuclear (WIM/WiN). I am excited to continue fostering these programs within SGS, ensuring we provide a clear path for the next generation of geoscientists to succeed.

This week, we celebrate **Engineering and Geoscience Week**, officially recognized by the Government of Saskatchewan from March 2nd to 8th, 2025. This week highlights the invaluable contributions of engineers and geoscientists who play a pivotal role in shaping Saskatchewan's infrastructure and sustainable development. It's an opportunity to recognize these professionals hard work, dedication and the integral role geoscience plays in our province's economy—whether through resource exploration, development or environmental stewardship. I encourage everyone to engage in outreach, education and public awareness activities to inspire the next generation of geoscientists. Let's celebrate the impact of geoscience in Saskatchewan and continue to amplify its importance and positive impact not only to our province but our entire economy!

One of the most exciting developments for SGS members in 2025 is the upcoming launch of our newly revamped **SGS website**. This platform, set for completion in next few coming months, will serve as a hub for knowledge, resources and engagement, helping our members stay informed and connected like never before. As we embrace technology, we'll continue to look for innovative ways to provide value to both our members and the broader geoscience community.

Looking ahead to **The Saskatchewan Geological Society's 75th Anniversary** next year, I am reminded of the legacy of excellence that has defined our Society. We have much to celebrate, and even more to look forward to. I invite you all to engage with us as we plan for this milestone and collaborate to ensure SGS's continued success for years to come.

I would also like to extend my heartfelt thanks to everyone who attended this year's **Saskatchewan Geological Society AGM and AGM Awards Dinner Gala** on January 25th at The Regina German Club. It was a fantastic evening of celebration, and I was honoured to serve as the emcee for this event. A big congratulations to all our award winners, including Emily Hansen (Robert Milner Award), Rachel Morris (Dr. Walter Kupsch Award), Claire Stephenson (President's Award for Best Undergraduate Poster), Goktug Harmanci and Nahanni Young (1st and 2nd place for the Dr. Laszlo Fuzesy Award for Best Graduate Posters), and Katie Kreutzer and Celyne Cook (Kim Kreis Field Trip Scholarship). A special congratulations goes to **John Lake**, who was officially inducted into the SGS Honour Roll, recognizing his outstanding contributions to Saskatchewan's geological understanding and resource development. John, your leadership, achievements and countless contributions truly inspire us all and serve as a stoic reminder of the profound impact we continue to make in our field.

As we kick off 2025, I'm pleased to highlight the success of our **SGS Winter Talk Series**, which has provided excellent opportunities for members to engage with cutting-edge research and ideas. Since November 2024, we've hosted several insightful presentations, including Murray Gingras's talk on intertidal flat deposits, Travis Ferbey's research on using drones for geological mapping, Brandon Stoner's exploration of zeolite applications in biofertilizer production, Dr. Makram Hedhli's fresh perspective on the Devonian-Carboniferous Boundary, and Dr. Grant Ferguson's work on ancient groundwater in the Anthropocene. These talks have sparked valuable dialogue and deepened our community's knowledge, and we look forward to continuing this series in the months ahead. We also held our first Critical Minerals Superheroes Event on November 4th and 5th with 500+ student attendees in which I had the honour of being Emcee and Chairing this incredible event. We extend our

sincere gratitude to Dr. Kevin Ansdell and Dr. Meagan Gilbert for their engaging and insightful presentations, which helped inspire the next generation of geoscientists. A special thank you to our event sponsors—Saskatchewan Mining Association (SMA), Orano, APEGS, the Government of Saskatchewan and The Everyday Kitchen—for their generous support in making this educational experience possible. I also encourage you to support the upcoming SGS Ed Outreach team's 2nd Annual Critical Minerals Superheroes event coming up in April 2025 and sign up as volunteers (see the flyer in the Rock Record).

We're also excited to announce the **Annual SGS Curling Bonspiel**, which will be held on Friday, March 21st, 2025, from 6:00 PM to midnight at the Callie Curling Club. This fun-filled event is open to all skill levels, whether you're an experienced curler or a first timer. Bring your teammates, create a fun team name, and wear your best costumes for a chance to win prizes. Pizza and appetizers will be provided, and we look forward to an evening of great curling and even better company. Please RSVP and let us know if you have any dietary restrictions. We hope to see you there!

Additionally, we invite all geoscientists, rock enthusiasts, and photographers to participate in the **2025 SGS Calendar Photo Contest**. Showcase the stunning beauty of Saskatchewan's geology, from breathtaking landscapes to fascinating rock formations. The submission deadline is March 31, 2025, and we encourage you to get creative with your entries. This is a fantastic opportunity to have your work featured in our annual calendar, celebrating the unique geological wonders of our province.

Finally, I'm pleased to announce the appointment of Claire Stephenson as the new Co-Business Manager, a new executive position added to the SGS this year moving forward. Claire has been a dedicated member of the Society the past year as the University of Regina Representative, and we are excited to have her continue her leadership in this new role. I also welcome Omer Atiq to our board as the Assistant Program Chair. Omer, from Orano in Saskatoon, brings fresh perspectives and valuable expertise to our team. Please join me in welcoming Claire and Omer to our SGS leadership team.

As we move into an exciting year ahead, I would like to remind all members to renew your **SGS Membership** by March 31st to take advantage of a *special \$10 discount*. Being a member of SGS provides numerous benefits, including access to exclusive events, professional development opportunities, networking with fellow geoscientists, and participation in our exciting speaker series and outreach programs. Your membership supports our mission to advance the geoscience community in Saskatchewan and provides you with a wealth of resources and connections. Don't miss out—renew today and continue to be a part of our thriving community! For more details and to renew your membership, visit <https://sgshome.ca/membership>.

Together, we will celebrate our past accomplishments, embrace new opportunities, and continue to lead the way in geoscience. I'm excited for what lies ahead in 2025 and the many opportunities for learning, growth, and discovery that await. Please feel free to reach out at any time to provide feedback or suggestions you think would benefit the Society. A special thank you and huge shoutout to our many sponsors and corporate sponsors within the province that support our society and events such as the SGS Annual Golf Tournament, Ed Outreach Events and SGS Calendar. Without you all, these community events would not be made possible.

Thank you to everyone including you as our members for your continued support and dedication to our Society.

-Nadene Joy

News and Events

Engineering and Geoscience Week in Saskatchewan - March 2nd -8th

The Saskatchewan Geological Society (SGS) is proud to celebrate Engineering & Geoscience Week (March 2–8, 2025), officially recognized by the Government of Saskatchewan to highlight the important work in our province by these professionals. Engineering and Geoscience Week also coincides with National Engineering and Geoscience Month, Canada's biggest celebration of engineering and geoscience. This week highlights the incredible contributions of geoscientists and engineers who drive innovation, build our communities and shape the future of our province. Geoscience plays a critical role in Saskatchewan's economy, from resource exploration (potash, uranium, oil, gas and critical minerals) to environmental stewardship and sustainable development. As geoscientists, we have a unique opportunity to inspire the next generation by engaging in outreach, mentorship, and education initiatives.

“Saskatchewan people put their trust in the competence, integrity, and professional conduct of engineers and geoscientists,” Association of Professional Engineers and Geoscientists (APEGS) President Erin Moss Tressel said. “We are committed to protecting that trust by upholding the highest ethical and professional standards and recognizing the exemplary achievements and contributions of our members.” APEGS is the regulatory body for the engineering and geoscience professions in the province with more than 15,000 members. The Minister of Highways is also the minister responsible for the *Engineering and Geoscience Professions Act* for Saskatchewan.

To celebrate Engineering and Geoscience Week, APEGS, the Saskatchewan Geological Survey and the Saskatchewan Geological Society have previously introduced GeoExplore Saskatchewan, a website for people to explore and understand the geological features of Saskatchewan as they travel around the province. From the Athabasca Sand Dunes and Hunt Falls in the north to the Great Sand Hills and strange pillar formations of the Avonlea Badlands in the south, people can learn how natural events and processes shaped the geography of the province. View the website at [Tourism Saskatchewan](#).

How can you get involved?

- Outreach & Education: Volunteer for classroom visits, mentorship, and public talks.
- GeoExplore Program: Support hands-on learning through workshops, mineral ID activities, and field trips.
- Social Advocacy: Share your passion for geoscience on social media and within your networks.
- Public Engagement: Contribute articles, host lectures, and promote geoscience awareness.

Join us in celebrating and amplifying the impact of geoscience in Saskatchewan!

SGS Calendar Photo Contest - Submit Your Best Geological Photos! 🌍

The Saskatchewan Geological Society (SGS) is calling all geoscientists, rock enthusiasts, and photographers to showcase the stunning geology of Saskatchewan in our 2025 SGS Calendar!



We want your best geological photos—from breathtaking landscapes and unique rock formations to exciting fieldwork moments. Let’s get creative this year and make this the best calendar yet!

✉ **Submit your photos to:** Sask.Geol.Soc@hotmail.com

✉ **Subject:** Attention Chair, Calendar Committee

📅 **Deadline:** March 31, 2025 NOON

Don't miss the chance to have your photography featured and celebrate the beauty of Saskatchewan's geology with the SGS community!

We can't wait to see your submissions!

Vice President Update

SGS Membership Drive – Early Bird Deadline March 31st!

Membership Renewal the end of March to receive early bird pricing.

Spring is finally here University of Regina Student/Industry Mixer!

When: March 28th

Where: The Owl U of R

Time: 3pm-7pm

Take this opportunity to renew your membership before pricing goes up \$10.00. Also, network with other SGS members and engage with geology students!

Appetizers will be served AND 2 free beverage tickets will be issued to every member that has renewed their membership for 2025.

-Gavin Jensen

Business Manager Update

Happy New Year, SGS members!

2025 is already well underway, and we're excited to share some important event updates and new opportunities!

In addition to launching new events, we're proud to announce the revival of the SGS LinkedIn page! To reach a broader audience and share geoscience news more efficiently, we're expanding our presence on LinkedIn. This platform will allow us to highlight member achievements, geoscience insights, and society updates.

You can expect weekly posts featuring upcoming events, the SGS Lecture Series, outreach and volunteer opportunities, and other geoscience-related content contributed by our members.

LinkedIn:

🔗 Follow us on LinkedIn here: <https://www.linkedin.com/company/saskgeosociety/>

Stay connected, stay informed, and let's make 2025 a great year for SGS!



Saskatchewan Geological Society

Promoting the study and practice of the earth sciences and fostering a spirit of scientific research in Saskatchewan.

Mining · Regina, Saskatchewan · 525 followers · 2-10 employees

Saskatchewan Geological Society AGM and AGM Awards Dinner Gala

January 2025

The **2025 Annual General Meeting (AGM)** was held on **January 25th** at the **German Club**, where attendees enjoyed great food and an evening of celebration and recognition. **Dan Kohlruss** delivered his **presidential speech**, marking his transition to **past president** with an insightful talk on complex geology—drawing unexpected parallels with the intricacies of fishing. The evening was skillfully hosted by **Emcee Nadene Joy**.

The Society recognized the achievements of outstanding geology students from the **University of Regina** and **University of Saskatchewan**, presenting six prestigious awards:

Robert Milner Award – **Emily Hansen** (U of R)

Dr. Walter Kupsch Award – **Rachel Morris** (U of S)

President's Award (Best Undergraduate Poster) – **Claire Stephenson** (U of R)

Dr. Laszlo Fuzesy Award (Best Graduate Posters)

- **1st Place:** Goktug Harmanci (U of R)
- **2nd Place:** Nahanni Young (U of R)

Kim Kreis Field Trip Scholarship – **Katie Kreutzer & Celyne Cook**

Additionally, **John Lake** was **inducted into the Honour Roll**, recognizing his significant contributions to Saskatchewan's geological understanding and resource development.



John Lake – 2025 SGS Honour Roll
Inductee



Annual SGS Curling Bonspiel – March 21st

March 2025

Our next event is the **Annual SGS Curling Bonspiel** set for Friday, March 21st, 2025, from 6:00 PM – 12:00 AM at the Callie Curling Club. Whether you're a seasoned curler or a first-timer, this is a great opportunity to enjoy some friendly competition and connect with fellow members. There will be a prize for the winning team and we encourage teams to come up with a fun team name and rockin' group costumes!

Event Details:

- 📅 Date: Friday, March 21st, 2025
 - 📍 Location: Callie Curling Club
 - 🕒 Time: 6:00 PM – 12:00 AM
 - 🍕 Food: Pizza & Appies will be provided!
- RSVP to taylor.bjork@gov.sk.ca by March 15th

If you have any dietary preferences, restrictions, or allergies, you must answer the survey emailed to members OR email taylor.bjork@gov.sk.ca.

Thank you once again to everyone who joined us last year! We look forward to seeing you next year for another fantastic day of curling and fun!

-Taylor Bjork

Recognizing Outstanding Service: Thank You, Ralf Maxeiner and Kate MacLachlan

As we move forward into another exciting year for the Saskatchewan Geological Society, I want to take a moment to express our deepest gratitude to two individuals who have dedicated their time, expertise, and passion to our society and the geoscience community.

First, a heartfelt thank you to Ralf Maxeiner, who has served as the Chair of the Calendar Committee for over a decade. Ralf's commitment and meticulous attention to detail have ensured the continued success of our annual calendar, a cherished publication that showcases the geological wonders of our province. His dedication to this project has played a key role in promoting geoscience and engaging both our members and the broader public.

I also want to extend my sincere appreciation to Kate MacLachlan, who has stepped down as Chair of the Education and Outreach Committee. Kate has been instrumental in advancing geoscience education across Saskatchewan, inspiring students, educators and the next generation of geoscientists. Her leadership and contributions have strengthened our outreach efforts and reinforced the importance of geoscience in our communities.

On behalf of the Saskatchewan Geological Society, I want to thank both Ralf and Kate for their many years of outstanding service. Their dedication has left a lasting impact, and we are truly grateful for their contributions. We wish them all the best in their future endeavors!

Saskatchewan's Critical Mineral Superheroes Event – April 15th/16th – Call for VOLUNTEERS!

The Society is organizing elementary school talks and activities on April 15th and 16th in Regina. The topic is Critical Minerals in Saskatchewan.

Dr. Megan Gilbert of the Saskatchewan Geological Survey will be speaking to the grades 7 and 8 classes on both days of the event.

There will be morning and afternoon sessions each day. Each of the talks will be followed by activity stations related to the subject where the students can participate in hands-on activities. There will be 15 stations per session, three groupings with each having a station for potash, uranium, lithium, helium, and copper. We need a volunteer at each station to help guide the students.

Who do we need to volunteer? Anyone with a science or educational background including students.

Where: Campus Regina Public School, 1069, 14th Avenue East, Regina.

When: April 15th and 16th: 9:00 a.m. to 11:30 a.m. and 12:30 p.m. to 3:00 p.m. each day.

Why: To teach young students about science and Saskatchewan's mineral resources.

You can volunteer for just one, some or all four of the sessions. Lunch will be provided to the volunteers at the school.

If you have questions or would like to volunteer? Contact Murray Rogers at mcrogers123a@outlook.com.

Please also see the Flyer below:



A SASKATCHEWAN GEOLOGICAL SOCIETY EVENT

LECTURE SERIES

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APR
15-16

SASKATCHEWAN'S CRITICAL MINERAL SUPERHEROES

TWO DAYS ONLY!!

April 15th-16th

AT **CAMPUS
REGINA PUBLIC!**



WITH HANDS ON SCIENCE AND REAL GEOLOGISTS, LEARN ABOUT:

ROCKS! MINERALS! EARTH SCIEN

