

STARRY SKIES NORTH GENERAL MEETING

July 1, 2024

GATHERING TIME

- New Here? Say 'Hi'
- [Globe at Night](#) campaign: June 26 – July 5: [Hercules](#)

DarkSky NEWS

- Under One Sky Virtual Annual Conference Nov 8-9 [DETAILS AND REGISTRATION](#) \$15
- Advocate Action July 11th noon & 7PM CDT: Manifesto for tackling light pollution in Europe.
 - SESSION 1 [REGISTRATION](#)
 - SESSION 2 [REGISTRATION](#)
- Night Matters: Grand Canyon National Park's Dark Skies July 17 1PM CDT [REGISTRATION](#)

YOUR CHAPTER AT WORK: RECENT EVENT RECAPS

- June 13: **MAPLE GROVE** Farmer's Market -Chris [\[LINK\]](#)
- June 21-JULY 5: **ST. PAUL** AVIAN NIGHT SKY/ Stories of Mystical Migrations -MaryBeth, Steve, Chris [\[LINK\]](#)

YOUR CHAPTER AT WORK: UPCOMING EVENTS

- July 6-7: Hovland Art Fair- Caroline and Mark [Link](#)
- July 30: Wayzata Environmental Board -Todd
- August 2-4: **Grand Marais** Fisherman's Picnic -Team [\[LINK\]](#)
- Aug 9-10: **VOYAGEURS NATIONAL PARK** Star Party Todd & Richard
- Aug 10: **PRESTON Forestville/Mystery Cave State Park's** Dark Sky Festival -Lara [\[NEED VOLUNTEERS\]](#)
- Aug 14: **Andover** Parks Commission -UNSP -Todd or [Alternate](#)
- Aug 22: **MAPLE GROVE** Farmer's Market [\[LINK\]](#)
- Aug. 25: **MN STATE FAIR** Eco-experience community science table [stay tuned for details]
- Sept. 1: **MN STATE FAIR** Eco-experience community science table & [stay tuned for details]

YOUR CHAPTER AT WORK: SSN BOARD NEWS

- Avian Night Sky RoadShow Grant
- New partnership: Minnesota Valley National Wildlife Refuge: looking for recurring events
- New partnership: Audubon Upper Mississippi: working on joint proclamation for fall migration
- Strib article: Turn off lights to protect fireflies [\[LINK\]](#)
- Dark Sky-Friendly Business planning
- Celebrate The Night planning
- Website Enhancements
 - Fixes and Enhancements -thanks Suki!
 - Kyle Johnson & Barred Spiral Media
 - Dark Sky Places in MN
 - Great Light Initiative
 - How-To XXX [what do **YOU** want to know?]
- We're designing our next roll-out banner -do you have a favorite photo?

MONTHLY SPOTLIGHT

University Of Minnesota Sustainability Portal

- Developed by U of M's Institute On The Environment (IonE) [\[LINK\]](#)
- Provides a portal between U of M and communities
- Built around UN's Sustainable Development Goals [\[LINK\]](#)
- Designed to Connect Faculty, Students, and Communities to promote collaboration & local problem solving
- **For SSN:** Resource to: Find Faculty; Find Research Studies; Find Student Orgs; Find Community Orgs

What is the Institute on the Environment?

- Interdisciplinary group of U of M faculty & staff that are dedicated to finding solutions to Earth's Greatest Environmental Challenges
- Sustainability



<https://sdgs.un.org/goals>



A tool to connect campus & community

Institute on the Environment
University of Minnesota Duluth

Reset filters/Reload app

Search by Sustainable Development Goal

- 1 No Poverty
- 2 Zero Hunger
- 3 Good Health and Well-being
- 4 Quality Education
- 5 Gender Equality
- 6 Clean Water and Sanitation
- 7 Affordable and Clean Energy
- 8 Decent Work and Economic Growth
- 9 Industry, Innovation and Infrastructure
- 10 Reduced Inequality
- 11 Sustainable Cities and Communities
- 12 Responsible Consumption and Production
- 13 Climate Action
- 14 Life Below Water
- 15 Life on Land
- 16 Peace and Justice Strong Institutions
- 17 Partnerships to achieve the Goal

Search by UMD Department

- Accounting & Finance
- American Indian Studies
- Applied Human Sciences
- Art & Design
- Biology

About

Faculty

Research

Courses

Student Orgs

Community Orgs

Interested in sustainability?

At UMD, we think globally and act locally. This is why we have organized data regarding UMD faculty, research, courses, student and community organizations around the United Nations (UN) Sustainability Goals (SDGs). These 17 goals are both a call to action and a blueprint of steps we can take to transform our community so that people and the planet thrive together. Learn more about the UN SDGs. Learn more about the Institute on the Environment - Duluth.

Head to the bottom of the page for instructions on using this site.

Mouse over the pie charts to see our impact!



Research Projects



Faculty



Courses



Student Orgs



Community Orgs



How to use this tool?

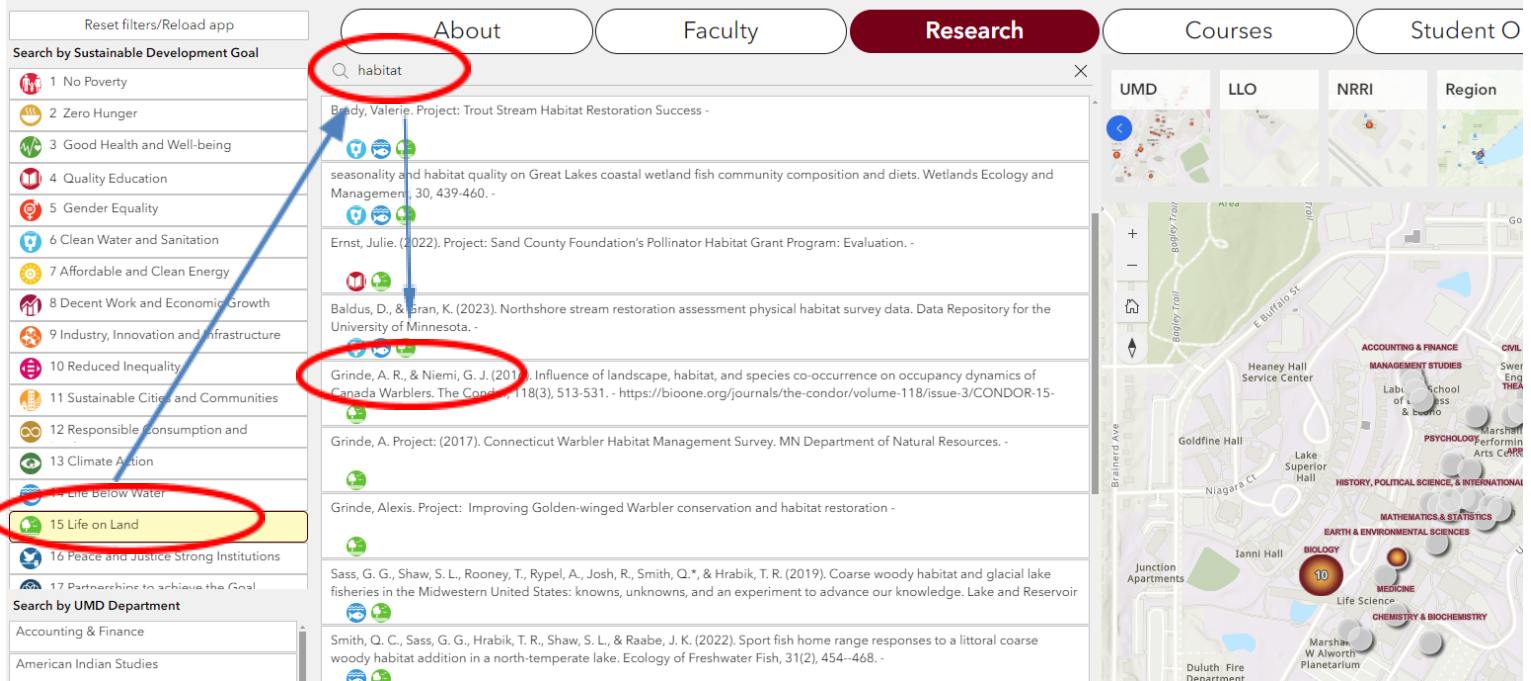
Discover faculty, research, courses, student and community organizations. Network and develop interdisciplinary collaborations. Help us build strong connections between campus and regional partners. See detailed instructions below.

Use one of the menus on the left:

- Search by Sustainable Development Goal (top left) - Select one or more goals of interest.
- Search by UMD Department (bottom left) - Select a department of interest.

Use one of the menus across the top:

- Faculty - Find people who are working on one or more SDGs. Icons show research interests. Click on a name to see their recent work and their location on the UMD map.
- Research - Find research projects by SDG or UMD department. See the SDG activity maps across campus.
- Courses - Find courses by SDG or UMD department. See the SDG activities map across campus. Hover over course name to see the course description.
- Student organizations - Find a student club that works on one or more of the SDGs
- Community organizations - Find a regional organization that works on one or more of the SDGs



Reset filters/Reload app

About Faculty **Research** Courses Student O

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- 17 Partnerships to achieve the Goal

Search by UMD Department

- Accounting & Finance
- American Indian Studies

Search: habitat

Bundy, Valerie. Project: Trout Stream Habitat Restoration Success -

seasonality and habitat quality on Great Lakes coastal wetland fish community composition and diets. Wetlands Ecology and Management, 30, 439-460. -

Ernst, Julie. (2022). Project: Sand County Foundation's Pollinator Habitat Grant Program: Evaluation. -

Baldus, D., & Gran, K. (2023). Northshore stream restoration assessment physical habitat survey data. Data Repository for the University of Minnesota. -

Grinde, A. R., & Niemi, G. J. (2018). Influence of landscape, habitat, and species co-occurrence on occupancy dynamics of Canada Warblers. The Condor, 118(3), 513-531. - <https://bioone.org/journals/the-condor/volume-118/issue-3/CONDOR-15->

Grinde, A. Project: (2017). Connecticut Warbler Habitat Management Survey. MN Department of Natural Resources. -

Grinde, Alexis. Project: Improving Golden-winged Warbler conservation and habitat restoration -

Sass, G. G., Shaw, S. L., Rooney, T., Rypel, A., Josh, R., Smith, Q., & Hrabik, T. R. (2019). Coarse woody habitat and glacial lake fisheries in the Midwestern United States: knowns, unknowns, and an experiment to advance our knowledge. Lake and Reservoir

Smith, Q. C., Sass, G. G., Hrabik, T. R., Shaw, S. L., & Raabe, J. K. (2022). Sport fish home range responses to a littoral coarse woody habitat addition in a north-temperate lake. Ecology of Freshwater Fish, 31(2), 454-468. -

UMD LLO NRRI Region

Map showing UMD campus and surrounding areas, including Heaney Hall, Goldfine Hall, Lake Superior Hall, and the Duluth Fire Department.

OPEN VOLUNTEER POSITIONS. WILL YOU HELP?

- **Dark-Sky Friendly Business Initiative:** Help create program materials; nominate businesses
- **Great Light Minneapolis** -Create website resources for residents
- **Science Committee:** Use the [Interest Form](#) or contact caitlin@starryskiesnorth.org
- **Finance:** Contact bobg@starryskiesnorth.org [Morgan Thorson]
- **Outreach:** Contact caroline@starryskiesnorth.org
- **Advocacy:** contact todd@starryskiesnorth.org
- **Email specialist** - help distribute timely information! (mailchimp drag and drop builder) contact chris@starryskiesnorth.org

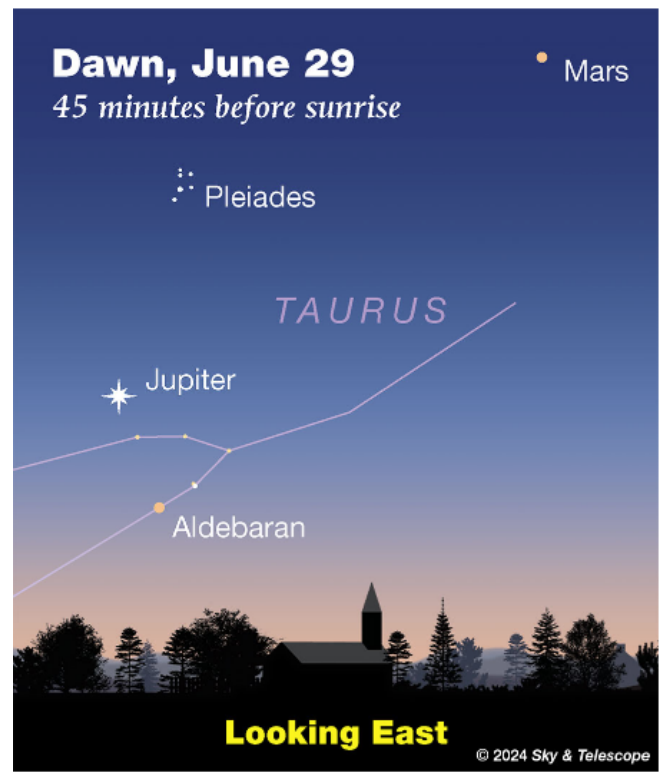
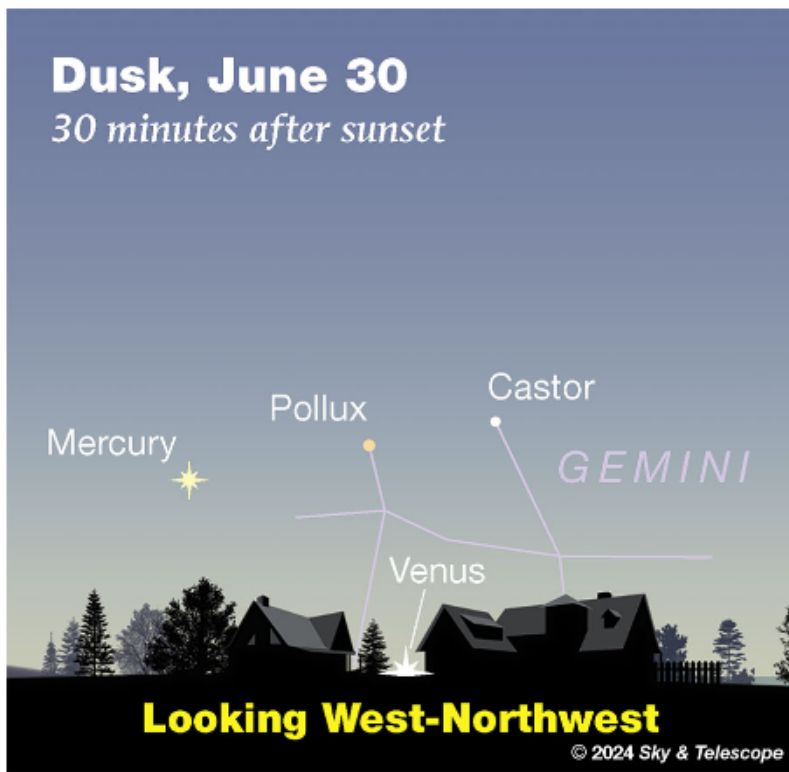
IN THE SKY

It's Astronomical Summer! Summer arrived 3:51 PM on June 20th (yes, the 20th, not the 21st)

My sunrise: 5:26 AM; Sunset 9:04 PM 15:36:51 of daylight [\[LINK\]](#) (your mileage may vary)

Earliest Sunrise: June 15th

Latest Sunset: June 25th



AROUND THE ROOM

→ Add your topics & questions in Chat

FUTURE EVENTS

- Sept. 7: **MINNEAPOLIS** Monarch Festival 10-4 [[LINK](#)] need volunteers!
- Sept. 19: **MAPLE GROVE** Farmer's Market [[LINK](#)]
- Sept. 21: **BLOOMINGTON** Buzzfest [[LINK](#)]
- Oct. 11: Hamline University
- <fall>: Resilient Roseville -1hr preso at Roseville public library
- Oct. 26: **SILVER BAY** Dark Sky Festival [stay tuned for details]
- Nov. 2: **FORT RIDGELEY STATE PARK** Presentation & Star Party [stay tuned for details]
- Jan 10: Ely Festival

Notes:

- 19 participants
- Richard Willits
 - table lighting display idea - same as the kind at restaurants - he will send Todd more info
 - Good lighting, better lighting
 - Caroline requested light as well - to add to tabling displays
 - https://www.amazon.com/dp/B0CFGH6LVH?ref=ppx_yo2ov_dt_b_product_details&th=1
- Karen Jeffords-Brown here. My second meeting. I sent an email to let you know that I could not sign up for membership on your website. The page said it was not available. This happened the last time I tried to join!
- Under One Sky from DarkSky International idea shared
 - <https://web.cvent.com/event/93e15e15-1914-4b0c-a0a8-86e8e2c79e47/summary?rt=c1bGPfrxtUeusmLpFJuO8g>
 - discussed DarkSky International events, share website darksky.org
- laura (Jul 1, 2024, 7:13 PM)
 - Mnastro camping with the stars weekend of 7/11
- talked about maple grove farmers market tabling
 - fun to talk to people, engage on different levels
- 7 other people volunteered for hovland art fair - nice!
- Richard Willits offers his amazing tabling setup to show his entire display anywhere in the state - as long as he can find a place to stay
 - family in st paul
 - planning to be at the duluth event
- Teresa Veraguth interest in volunteering at Forestville/Mystery Cave State Park Dark Sky Festival - August 10
 - Dawn will provide Cave Tours to volunteers
- MN Valley Wildlife Refuge in Bloomington will host Avian Night Sky in gallery and will include Starry Skies North info and table
- Laura - talked at Saturdays star party
 - liked the idea of whats up in the sky
- Teresa working on 51 books - including Starry Skies North in publication
 - <mailto:veraguthclan@gmail.com>
- Talked about Design Light Consortium
 - they provide great papers, research, and resources to the average consumer to make dark sky friendly investments in lighting
 -
- Attendees: Rodger, Richard Willits, Todd, Caroline Torkildson, Rodger, Marybeth and Petra, Karen Jeffords-Brown, Teresa Veraguth, Jan Rabbers, Grant Schelberg, Lara Fletcher, Morgan Thorson, Peter Leete, Bob Beck, Tom, David S Jorgen, Laura, Gus, Kathy Slides,



laura 7:07 PM

Laura here. Audio only tonight

Chris Peterson 7:07 PM

Hey everyone - calling in from Maple Grove

Teresa Veraguth 7:07 PM

Hello everyone! Teresa Veraguth here. Excited to learn more.

Chris Peterson 7:08 PM

Anyone who wants to follow along with the agenda at home:

<https://docs.google.com/document/d/1TRzPOTms1OXZHonmEwbdKuNd5uKClhrF/edit?usp=sharing&ouid=116529107449867079478&rtpof=true&sd=true>

Karen Jeffords-Brown 7:08 PM

Karen Jeffords-Brown here. My second meeting. I sent an email to let you know that I could not sign up for membership on your website. The page said it was not available. This happened the last time I tried to join!

Chris Peterson 7:10 PM

Under One Sky:

<https://web.cvent.com/event/93e15e15-1914-4b0c-a0a8-86e8e2c79e47/summary?rt=c1bGPfrxtUeusmLpFJuO8g>

- Advocate Action July 11th noon & 7PM CDT: Manifesto for tackling light pollution in Europe.
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DarkSky.org

laura 7:13 PM

Mnastro camping with the stars weekend of 7/11

Chris Peterson 7:15 PM

<http://www.uglydaisy.com/avian-night-sky/> - open until July 5th in St Paul

laura 7:16 PM

That is so cool!!!!

Morgan Thorson, she/her 7:21 PM

what kind of photography

Teresa Veraguth 7:21 PM

You are only as old as you feel.

Teresa Veraguth 7:21 PM

Love it!!!

Caroline Torkildson 7:21 PM

My dad climbs up on his roof at age 94.

laura 7:23 PM

Sorry, what date at the caves?

Teresa Veraguth 7:23 PM

That is one of my favorite places... do I qualify??

Caroline Torkildson 7:23 PM

August 10 for the caves.

You 7:23 PM

You bet

Teresa Veraguth 7:24 PM

We celebrated a few of our kids' bdays in that cave

laura 7:35 PM

I love the interstate stuff!

Chris Peterson 7:35 PM

<https://www.startribune.com/biologists-to-save-fireflies-turn-off-backyard-lights-this-summer/600371453/>

Chris Peterson 7:51 PM

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Teresa Veraguth 7:52 PM

Or go walleye fishing :O)

Morgan Thorson, she/her 7:55 PM

Todd, you rock. Thank you!

Chris Peterson 7:57 PM

There is a whole global network here as well:

https://join.slack.com/t/idaadvocates/shared_invite/zt-2eb45lh4z-Y14l~3_hFa9ZB462ESopGg

Morgan Thorson, she/her 7:58 PM

where was the loon festival?

design lights consortium

You 8:05 PM

https://www.amazon.com/dp/B0CFGH6LVH?ref=ppx_yo2ov_dt_b_product_details&th=1

Chris Peterson 8:07 PM

Nice lights, Richard!

Jan Rabbers 8:08 PM

Before I go, I wanted to mention to not forget that National Night Out neighborhood gatherings are happening August 6.
Great time to talk with neighbors about Starry Skies.

marybeth garrigan (Schmidt) 8:11 PM

It would be great to have a night sky and lighting nfo packet that NNO Mn could have as info for a star themed neighborhood party!

Lara Fletcher 8:12 PM

- g'night --