



Institute for a
Sustainable Earth



ISE Events & Opportunities

April 18, 2022

Upcoming ISE Events

A Living Vision for the Amazon: Valuing A Most Precious Asset

Monday, April 25, 2022, 10:00am - 11:30am ET via Zoom

Registration

Join world-renowned thinkers as we explore science-based strategies for strengthening Amazonia's resilience in the midst of accelerating environmental crises. Participants will share insights and experiences from the Science Panel for the Amazon, which in 2021 published a first-of-its-kind scientific assessment of the state of the Amazon, current trends, and recommendations for the long-term well-being of the ecosystem and its people. If implemented, the Panel's recommendations will promote conservation as well as sustainable development of the region, with a vision of a standing forest, flowing rivers bioeconomy based on local and Indigenous knowledge, technology, and innovation

This webinar is sponsored by the Sustainable Development Solutions Network, the Institute for a Sustainable Earth at George Mason University, and the Wilson Center, and will feature special participation from **Carlos Nobre** (University of São Paulo), **Beka Munduruku** (Brazilian Indigenous Leader), **Luciana Villa Nova Silva** (Natura, Inc.), **Jeffrey Sachs** (Columbia University), and panel moderator **Jeremy Campbell** (Mason's Institute for a Sustainable Earth)

Register: <https://go.gmu.edu/LivingAmazon>



A Living Vision for the Amazon:

Valuing a Most Precious Asset



April 25, 2022 • 10:00–11:30 EST



Wilson Center



Institute for a Sustainable Earth



Jeffrey Sachs
SPA Convener



Carlos Nobre
SPA Co-Chair



Luciana Villanova
SPA Science Steering Committee



Beka Munduruku
SPA Strategic Committee

Announcements

Earth Month at Mason!

GEORGE MASON UNIVERSITY

#sustainMASON
APRIL 2022

50
1972-2022

EARTH MONTH

PATRIOTS FOR
PLANET
PRESERVATION

All Mason Patriots can make an impact! Check out sustainability tips and featured events to learn more!

green.gmu.edu/earthmonth

Event Correction

Last week, we shared information about an event that had been tentatively scheduled for April 20, 2022 related to Mason's Climate Action Plan. There will not be an event this week. We apologize for any confusion or inconvenience. We will continue to keep you posted on the project. More information to come soon. Stay tuned.

Congressional Fellowship Opportunity

The [Climate Solutions Foundation](#) is launching a 12-month **Congressional Fellowship Program** which will provide participants an opportunity to work alongside U.S. House of Representatives staff, and to gain invaluable and practical public policy experience. This program is ideal for those interested in leveraging their expertise in order to inform policy and inspire pragmatic climate change solutions.

Fellows must be U.S. citizens and have a master's degree in a political, scientific, or climate field. The program will run from August 10, 2022 through July 31, 2023. Fellows will receive a \$80,000 stipend, plus reimbursement for health insurance coverage.

Applications are due by **7pm EDT on Friday, April 22nd**. To learn more, visit [climate solutions foundationon.com/csffellows](https://climatesolutionsfoundation.com/csffellows).

25Live Guide – Feature Your Sustainability Events

The [Office of University Events](#), the [Institute for a Sustainable Earth](#), and the [Office of Sustainability](#) collaborated to develop this [25Live Guide](#) to increase the visibility of and engagement with your sustainability-focused events at Mason. 25Live is Mason's institution-wide event and academic scheduling system which dovetails with unit calendars such as [Today@Mason](#). Please use this [25Live Guide](#) to ensure your sustainability-focused events, whether they are in-person or virtual, are featured on Today @ Mason and through ISE and the Office of Sustainability.

ISE Faculty Profiles

The [ISE faculty directory](#) is a tool for you to find others with complementing expertise and for external and internal audiences to find you! If you haven't yet submitted your research profile information for the directory, **please complete your profile [here](#)**.

Upcoming Mason Events

15th Annual STAR-TIDES Capabilities Demo

April 18 - 20, 2022

[Registration](#)

The [15th Annual STAR-TIDES Capabilities Demo](#) will take place from April 18th-20th, 2022 at George Mason University's Fairfax campus. This open field event brings together public-private, whole-of-government, and trans-national participants to explore capabilities that can contribute to building sustainable resilience, especially over the next 2-3 years.

Listen to engaging conversations with leading thinkers:

- Apr 18, 4:00 pm – President Gregory Washington: opening remark
- Apr 18, 4:10 pm – Dr. Vint Cerf on the future of an Internet that works for all
- Apr 18, 5:00 pm – Reception
- Apr 19, 9 am – Mr. Matthew Morin on cyber resilience

- Apr 19, 12 pm – Dr. Ed Maibach on climate change communication
- Apr 20, 9 am – Lt Col Robert Darling on crisis leadership, early warning, and mitigation
- Apr 20, 12 pm – Adm James Fogo III (Ret.) on maritime dimensions of STAR-TIDES

EXPERIENCE THE 15TH ANNUAL STAR-TIDES CAPABILITIES DEMO

"Sustainable Resilience in a World of Interconnected Disruptions"

April 18 – 20, 2022
Merten Hall 1201-1203 & Merten Lawn
George Mason University



Explore this open-field event featuring exciting technologies for fostering sustainable resilience in the face of climate change and other stressors



Register at <https://go.gmu.edu/STreg>



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FOR MORE INFO, VISIT WWW.STAR-TIDES.NET



Interactive Workshop Series: Planning for a Productive Summer

Monday, April 18, 2022, 1:30pm - 3:00pm ET

[Registration](#)

Faculty Affairs and Research Development Services will host the final interactive workshop of

the semester. This workshop, facilitated by three Mason faculty members, will focus on identifying and making plans for achieving those (sometimes) elusive summer goals. We encourage you to attend and please share broadly with your colleagues. Registration is required, please use this link. We look forward to seeing you!

Center for Resilient and Sustainable Communities Lunch and Learn Series

The [Center for Resilient and Sustainable Communities](#) (C-RASC) is organizing a Lunch and Learn Series aimed at bringing people together from across Mason and beyond in an informal atmosphere to enhance knowledge, build collaborations, and drive research development. So, grab your lunch and join C-RASC for a range of presentations on resilient and sustainable related topics of interest. They are designed as Brown Bag Presentations with scholars internal to Mason and webinar presentations with scholars and collaborators external to Mason.

April 20 at 12:00 PM ET

[Registration](#)

Dr. Brie Haupt, Virginia Commonwealth University “Cross-Sector Collaboration with the Public Health Department”

Mason Vision Series: Living Native American Histories Across Generations

Wednesday, April 20, 2022, 7pm - 8pm ET

[Registration](#)

The next installment of the [Mason Vision Series](#) will be held from 7:00 – 8:00 p.m. ET on Wednesday, April 20, and feature [Gabrielle Tayac](#), historian and activist scholar, who will discuss Living Native American Histories Across Generations.

Native America holds histories encompassing millions of people, spanning thousands of years, and shaping present-day societies. Too often rendered exotically remote and stereotyped in popular presentations, accessing indigenous realities can require unlearning as a prerequisite to learning. Creating a dynamic applied approach to methodologies uplifting community-based Native knowledge holders as partners in scholarship, Dr. Gabrielle Tayac engages with research to link public understandings with indigenous voiced teachings. This work also minds the interests and reciprocities that American Indian communities seek to protect and restore knowledge disrupted through centuries-long colonial policies. **In her presentation, Dr. Tayac will consider acknowledgment, right relationship, and the ways that Mason is at the forefront of developing public history as a community-engaged scholarly practice.**

The Mason Vision Series will be live streamed through [GMU-TV](#). Participants will have the opportunity to engage in the discussion by submitting questions via email (GMUProv@gmu.edu) or Twitter by using #VisionSeriesMason. To RSVP, [click here](#).

Galileo's Science Cafe - Life and Death on Coral Reefs: Microbes as Messengers of Coral Health and Disease

Thursday, April 21, 2022, 6:30pm ET

Mason's Verizon Auditorium, Science and Technology Campus OR remotely by Zoom
Registration

Hear about the latest findings surrounding hot topics in science and medicine that affect our everyday lives and the decisions that we make! Bring your family and friends for a free, casual, interactive science discussion. Learn from the experts and speak with them.

College of Science

Science Night at Mason is for everyone!

<https://science.gmu.edu/galileosciencecafe>

Galileo's Science Café

Life and Death on Coral Reefs: Microbes as Messengers of Coral Health and Disease



Presented by-

Dr. Jennifer Salerno

*Assistant Professor,
Environmental Science & Policy Dept.,
George Mason University*

When:

Thursday, April 21, 2022

Seating/logon begin at 6:30 p.m.

Location:

Mason's Verizon Auditorium
Science and Technology Campus
OR

Remotely by Zoom

[Register HERE \(required\).](#)



College of Science



University Life
Science and Technology Campus



Democratizing NOVA Summit

Saturday, April 23 2022 <https://to.gmu.edu/dnova>

Democratizing NOVA Summit

Saturday, April 23, 2022, 10am - 4:30pm ET

Johnson Center, Dewberry Hall, George Mason University at Fairfax

Registration

It's time to gather the energies and initiative of the many people of northern Virginia who are working to build a regional community, economy, and politics that are truly inclusive, democratic, equitable, and sustainable.

Join the Center for Social Science Research for the first Democratizing NOVA Summit to learn from each other as well as from community wealth, solidarity economy, and other next system initiatives local and global. Please register by April 16.

From Great Ideas to Global Impact: A Talk with Andrew Byrnes

Wednesday, May 4, 2022, 2pm - 3:15pm ET

Registration

Join Mason's Center for Intellectual Property x Innovation Policy (C-IP2) and Business for a Better World Center (B4BW) for a discussion on translating ideas into impact with Andrew Byrnes. Technology executive, attorney, and investor Andrew Byrnes will discuss the path from developing innovative ideas to achieving broad impact, including key legal issues and business imperatives.

Leveraging experiences from his decades-long career in the private and public sectors working alongside innovators and entrepreneurs, Byrnes will offer insights on leadership, building highfunctioning teams, engaging policymakers, and other critical stakeholders, and navigating existing and emerging regulatory regimes and challenges. There is no cost to attend, but preregistration is required.



From Great Ideas to Global Impact: A Talk with Andrew Byrnes

Wednesday, May 4 | 2:00 - 3:15 PM EDT

In Person and Livestreamed

George Mason University, Van Metre Hall
Arlington Campus



Business for a
Better World Center



Center for Intellectual
Property x Innovation Policy

In the News

- [STAR-TIDES 15th annual capabilities demonstration focuses on sustainable resilience](#), The George News, April 15, 2022.
- [Mason drones help Coast Guard's effort to free ship stuck in the Chesapeake Bay](#), The George News, April 14, 2022.
- [AI Can Predict Probability of COVID-19 vs. Flu Based on Symptoms](#), College of Health and Human Services News, April 13, 2022.
- [Mason teaches MBA, graduate students about environmentally sustainable operations](#), School of Business News, April 13, 2022.

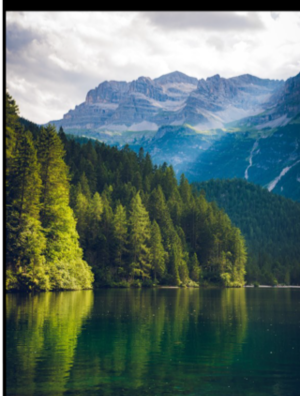
Student Opportunities

2022 Earth System Observations & Modeling Graduate Symposium

Friday, April 22, 2022

[Registration](#)

The [Center for Ocean-Land-Atmosphere Studies \(COLA\)](#) and the [College of Science](#) at George Mason University (GMU) invite you to join us for the [3rd annual Earth System Observations & Modeling \(ESOM\) Graduate Symposium](#) on April 22, 2022. Returning for its third year, the ESOM Graduate Symposium encourages earth science graduate students to share their research focused on observational and modeling topics related to our climate.



3RD EARTH SYSTEM OBSERVATIONS AND MODELING GRADUATE SYMPOSIUM

APRIL 22, 2022

GEORGE MASON UNIVERSITY • FAIRFAX, VIRGINIA

This year's symposium will be IN-PERSON!

CALL FOR ABSTRACTS

SUBMISSION DEADLINE: MARCH 7, 2022

EXTENDED!

The Center for Ocean-Land-Atmosphere Studies (COLA) and the department of Atmospheric, Oceanic and Earth Sciences at George Mason University invite masters and doctoral students from across the United States to join us to share their research on the Earth system and its climate. A wide variety of topics will be considered for presentation.

This event will feature

- Oral and poster presentations
- Keynote speakers and career panels
- A Q&A session with Dr. Syukuro Manabe, the Nobel Prize Laureate

All Earth system graduate students are encouraged to register whether submitting an abstract to present or not.

Contact esomsym@gmu.edu or visit tinyurl.com/esom2022
for more information and to apply.

Hosted by the Center for Ocean, Land and Atmosphere
Studies at George Mason University



Spring Resiliency Academy

The Spring 2022 Resilience Academy is a free opportunity for students to learn about resiliency efforts at the local, state, and federal levels. Students can register as a "Special Guest" with the codes below for no cost. Attendees have the option of registering for all sessions at once or they can select individual sessions from the series.

Event Details:

May 12th - Session 3: Ecosystem Services: Green Infrastructure Utilized

Register for Session 3

Students can use code: **RA2022S3SG** to get free registration for Session 3 - Ecosystem Services: Green Infrastructure Utilized

June 9th - Session 4: Infrastructure & Buildings: Transportation Progress Report

Register for Session 4

Students can use code: **RA2022SGS4** to get free registration for Session 4 - Infrastructure & Buildings: Transportation Progress Report

Register for all sessions here. Students can use code: **RA2022S5SG** to get free registration for all sessions.

Cost: \$25/session or \$75 for all sessions; **Students and Resilient Virginia Members are free**



The banner features the Resiliency Academy logo on the left, which includes a green leaf and the text 'RESILIENT VIRGINIA' and 'RESILIENCY ACADEMY'. To the right, the text reads: 'REGISTRATION OPEN! SPONSORSHIPS AVAILABLE! COMPONENTS OF A RESILIENT COMMUNITY FOUR WEBINARS • FREE FOR MEMBERS'. Below this, four sessions are listed in a 2x2 grid: 'MARCH 10 Economic Activities: Innovative Financing', 'APRIL 7 Community Action: Tools for Resiliency Planning', 'MAY 12 Ecosystem Services: Green Infrastructure Utilized', and 'JUNE 9 Infrastructure & Buildings: Transportation Progress Report'.

Other Upcoming Events

2022 Spotlight on National Park Resources in the National Capital Region

April 20 & 21, 2022, 12pm ET

Registration

This year's Spotlight features 16 speakers and up to 30 posters highlighting science and scholarship from 12 National Capital Region (NCR) parks. Resource specialists and cooperators from as far as Nebraska will describe their work and findings. Each presentation is 10 minutes, with 5 minutes for audience questions. Some of the diverse topics you will hear about at the 2022 Spotlight include:

- Grassland bird management in National Battlefield Parks
- Topo-bathymetric lidar acquisition for the Potomac River corridor

- The Power of Mushttp://ann_gallagher@nps.gov and Memory: Fisk Jubilee Singers and the Underground Railroad
- Wild Turkey (Meleagris gallopavo) habitat
- Dragonflies along the tidal freshwater Potomac River
- Artifacts of War, Sites of Resistance: The Vietnam Veterans Memorial Collection
- Water Quality Monitoring: Clean Water Awareness and Citizen Science
- The Loop Trail “Quest”: Analyzing Decision-making of Park Visitors

To join us for any or all of the presentations, please register for Spotlight using this form. Once registered, you will receive information about how to access the Teams platform for the event and the final schedule of presentations. The Spotlight is a biennial event coordinated by a multidisciplinary Steering Committee and supported by NCR’s Urban Ecology Research Learning Alliance, Cultural and Natural Resource Advisory Teams, and the Resource Stewardship and Science Directorate.

Questions? Please contact Ann Gallagher at ann_gallagher@nps.gov.

The Institute for a Sustainable Earth (ISE) aims to connect members of the Mason community with others across the Mason community—and with other communities, policy-makers, businesses and organizations—so that, together, we can more effectively address the world’s pressing sustainability and resilience challenges.

The ISE Newsletter provides up-to-date information on conferences, funding opportunities, and research pertaining to environmental science and sustainability. The biweekly newsletter aims to facilitate information sharing among researchers, practitioners, and relevant local, national, and international organization.



ise.gmu.edu

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