

Carbon & Climate Change

Tuesday, October 13, 2020



Virtual Participation

Internet connectivity is required in order to access MESAF's 2020 Annual Meeting. The sessions will take place in Zoom Meeting. Attendees are solely responsible for the integrity of their internet connection and electronic equipment function.

If you are not a regular Zoom user, we recommend joining the meeting a few minutes early to ensure you are comfortably connected.

Each registrant will receive a Zoom link via email. Registrants are discouraged from sharing their individual login information.

Questions about the Presentation?

Use the Chat button in Zoom to ask a question! Look for the toolbar at the top or bottom of your screen.



Need general help or to send a message to organizers?

Use the chat button to send a private message, email la4568@roadrunner.com or text 207-420-6465.

Consent Clause

Registration, attendance at, or participation in the MESAF Annual Meeting (MESAF2020) constitutes an agreement by the registrant to the use and distribution (both now and in the future) of the registrant or attendee's image, voice, and/or virtual meeting chat messages in photographs and audio/video recordings for SAF's educational outreach and promotion of event and SAF as an organization. SAF reserves the right to record entire presentations. SAF's use and distribution of recordings is contingent upon presenter approval and not attendee approval.

Continuing Education Credits Protocol

The MESAF 2020 Annual Meeting will be presented in a virtual format.

CFEs available

Full meeting 5.0

Credits by Session

Maine Carbon Primer	0.5
Carbon Markets	1.5
Changing New England Winters	0.5
Maine Climate Council	0.5
Integrating Climate Adaptation	0.5
Climate Adaptation Workbook	0.5

Watching and participating in the online meeting is a requirement to earn the CFEs. To confirm that attendees fulfill these requirements, an "attendance record" will be downloaded via the Zoom participation record.

Our Division Manager will compile a list on a standard sign-in sheet for submission to the SAF national office.

If you wish to receive a certificate of attendance for your own records, email la4568@roadrunner.com to request one.

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Climate change and what it means for long-term forest management and carbon sequestration, both as means to mitigate climate change and as an increasingly valued ecosystem service, are important questions for Maine foresters. Join us to learn what carbon storage means both scientifically and from a project perspective, and what new and improved tools are available for helping landowners, large and small, think about and adapt management practices in a changing climate.

7:30 Zoom meeting open

8:00-9:00 MESAF annual business meeting

9:00-9:20 Break

9:20-9:30 *Welcome & 10-year and 60-year Member Recognition*

Moderator: Karl Honkonen

9:30-10:15 *Maine Carbon Primer*

Our keynote speaker will refresh our knowledge on the basics of carbon sequestration, the state of Maine's carbon budget, and the role forests and forest management can play in mitigating effects of climate change.

Speaker: **Ivan Fernandez** – University of Maine School of Forest Resources & Climate Change Institute

10:15-10:25 Break

10:25-10:30 *Welcome Back & 20-year and 40-year Member Recognition*

10:30-12:00 *Carbon Markets*

Join our panelists to learn more about how carbon projects are working – and changing – from a landowner, project developer, and consultant perspective. What is the difference between voluntary and compliance markets? Where does 'carbon' fit in the ecological, economic, and social triangle of sustainable forest management? What opportunities are emerging for family forest owners, as well as for larger ownerships? How might altruistic forest owners be able to help mitigate climate change by increasing carbon sequestration?

Speakers: **Dylan Jenkins**, Finite Carbon

Kyle Burdick, Baskahegan Company

Charlie Levesque, Innovative Natural Resource Solutions, LLC

12:00-12:30 Break

12:30-1:00 *Awards & Recognition*

Please tune in as we celebrate Maine SAF members who have earned New England SAF honors and thank our MESAF executive committee.

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Moderator: Nicole Rogers

- 1:00-1:30** **Changing Winters across New England Forests**
Milder, less snowy winters featuring more temperature swings are affecting wildlife, outdoor recreation, forest management, and more. Join us to learn more about research on these topics, findings, and implications for management.
Speaker: **Sarah Nelson**, Conservation Research Director, Appalachian Mountain Club
- 1:30 - 2:00** **Maine Climate Council**
The bipartisan Council is charged with establishing strategies and initiatives to help the state meet its greenhouse gas reductions and renewable energy generation targets as it works to combat climate change, and to make sure our communities, industries and people are resilient to the changes our state is facing. Join us to hear highlights of the work that has policy, economic, and management implications for Maine forests and forestry.
Speaker: **Adam Daigneault**, University of Maine School of Forest Resources
- 2:00-2:15** Break
- 2:15-2:30** ***A Few Words from (and about) Our Division Manager***
- 2:30 – 3:00** ***Integrating Climate Adaptation and Carbon Mitigation***
The Northern Institute of Applied Climate Science (NIACS) is a collaborative effort among the Forest Service, universities, conservation organizations, and forest industry to provide information on managing forests for climate change adaptation and enhanced carbon sequestration. This presentation will explore how NIACS works to bridge the gap between carbon and climate science research and the information needs of natural resource professionals and woodland owners, with an emphasis on aligning opportunities for climate adaptation and carbon mitigation.
Speaker: **Maria Janowiak**, Deputy Director, Northern Institute of Applied Climate Science
- 3:00-3:45** ***An Introduction to the Climate Adaptation Workbook***
The Adaptation Workbook is a structured process that helps land management professionals consider the potential effects of climate change on forests, urban forests, and other ecosystem types. This tool helps users to explore and select management, stewardship, and conservation actions that prepare ecosystems for changing conditions while also meeting management goals and objectives. This presentation will outline this flexible process and describe some examples of real-world projects that have used the Adaptation Workbook.
Speaker: **Danielle Shannon**, Michigan Technological University
- 3:45** **Wrap up and Adjourn**