

March 2023

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## New SIMAP functionality is now available

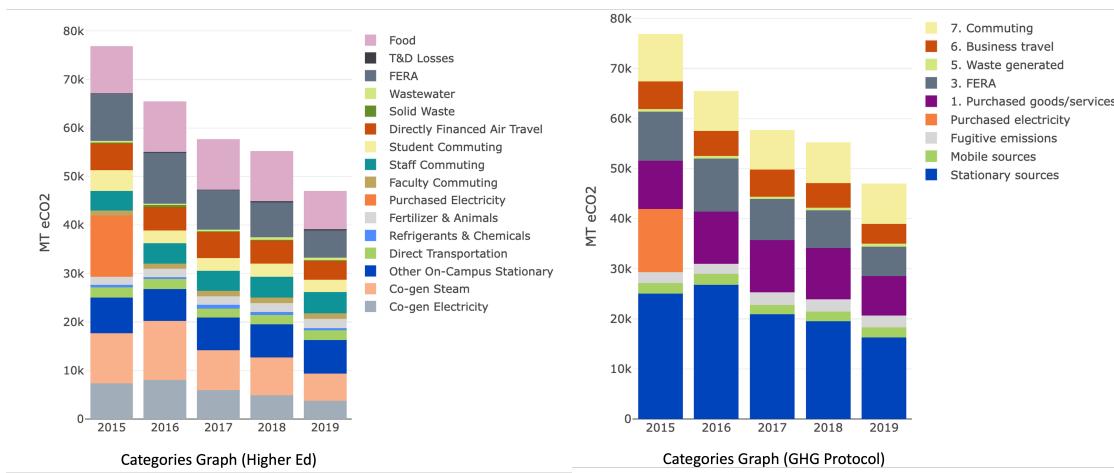
Updates include [complete scope 3](#) carbon footprint calculations, [purchasing data entry](#), [upstream energy emissions](#), new food factors, and more! Register for our [webinar on Thursday March 9th at 1pm ET](#) to learn more.

## The SIMAP team is hiring!

[Apply here](#) for the part-time Program Assistant position with the UNH Sustainability Institute.

*Read on for more on the SIMAP functionality updates, annual reporting for the Climate Leadership Commitment, virtual Carbon Footprinting Certificate courses, and the UNH Carbon Clinic program.*

## SIMAP releases significant updates to scope 3



Our annual functionality update this year packs in a lot! You will now be able to get a more complete picture of your organization's total scope 3 emissions through SIMAP.

**Complete scope 3 calculations:** SIMAP can now calculate all 15 scope 3 categories. Don't worry - the categories you are familiar with are still there! Check out the [scope 3 mapping page](#) to see the full list of options.

**Enter purchasing data for ANY scope 3 category!** You can now enter [purchasing data](#) (in US dollars) across [400+ purchasing categories](#) (e.g., construction, purchased goods, services) and assign it to any of the 15 GHG Protocol scope 3 categories. This new option is a great way to estimate the order of magnitude of your complete scope 3 emissions.

**Fuel- and Energy-Related Activities (FERA) emissions:** SIMAP automatically calculates the upstream scope 3 emissions from your on-site stationary sources with our new [FERA emission factors](#). We have US default factors built into SIMAP, and you can see the pages on [natural gas](#), [fuel oil](#), [coal](#), [solar](#), and [wind](#) for details on further refinement and customization. *Note: This is a new category that is automatically calculated from your existing data entry and will add to your net footprint.*

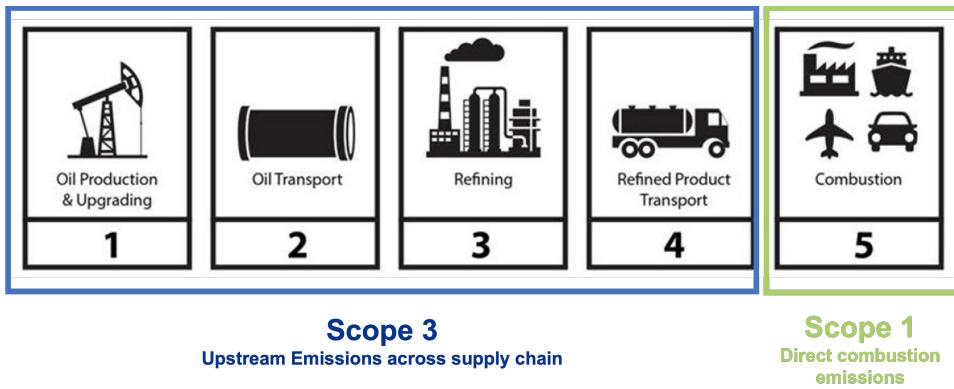
**New food emissions factors:** To better align with the [Cool Food Pledge](#) and the latest science, we updated the food carbon footprint calculations to emissions factors from [Poore & Nemecek 2018](#). These emission factors have a broader system bounds by including food waste, so expect your food emissions to increase by 20-30%.

**Calculated eCO2 factors:** You can now view your custom calculated eCO2 factors (combined CO2 + CH4 + N2O) for all sources on the Data Entry tab > [Emission factors page](#).

**2022 SIMAP version of emission factors:** The annual update includes the latest data across all sources. Key updates include 2020 market-based emission factors for purchased electricity, increased 2020 and 2021 CO2 air travel emission factors due to low ridership, and all CH4 air travel emission factors set to 0 based on the latest studies. See the [EF versions page](#) for details.

**New and improved graphs:** We now have two [category graphs](#): *Categories (higher ed)*, which uses the same categories as the previous version, and *Categories (GHG Protocol)*. We also updated the color scheme and the legend to only include relevant categories.

[Register for our webinar](#) in Thursday March 9th at 1pm ET to learn more!



## The 2023 Climate Leadership Commitment Reporting Period is Open



University of New Hampshire  
Sustainability Institute



We would like to provide the following options for you to report your GHG data to the new public reporting module in order to fulfill the annual public reporting requirement for your Carbon/Climate Commitment.

- 1) You may schedule a guided tour with Second Nature's [Steve Muzzy via Calendly](#) or [Shaina Maciejewski via Calendly](#) walk through the process of submitting your data publicly.
- 2) You may email Second Nature's [Steve Muzzy](#) or [Shaina Maciejewski](#) and let them know that they can submit the data for you publicly. They will share the link to your public institutional profile once completed.

or

- 3) You can report the data yourself - check out this [Public Reporting Guidance page](#), [recorded webinar tutorial](#), and [webinar slide set](#) to see how easy it is to publish and/or update your SIMAP Footprint Module results to the Public Reporting Module—and begin to do so at any time!

View these [Public Reporting FAQ's](#) for additional guidance, and/or drop in on one of the “Office Hours” sessions over the coming weeks, to be held on Fridays from 2 to 3pm ET. Just join with this [Zoom link](#)!

Do not hesitate to reach out with questions.

## Register for courses for the UNH Carbon Footprinting Certificate



Register now for spring courses for the [UNH Carbon Footprinting Certificate](#). You can take the half-day virtual courses individually or as part of the certificate. The courses are taught by SIMAP team members Jenn Andrews and Dr. Alley Leach.

- [Carbon Footprinting: Data Collection & Calculations](#) | March 2 (wait list)
- [Interpreting and Communicating Your Carbon Footprinting Results](#) | March 23
- [SIMAP: A Tutorial on a Carbon and Nitrogen Footprint Tool for Higher Ed](#) | April 6
- [Calculating Your Scope 3 Carbon Footprint](#) | April 13
- [Introduction to Carbon Footprinting](#) | May 4

We can also offer custom trainings. Contact us at [simap@unh.edu](mailto:simap@unh.edu) for more information.

## UNH Carbon Clinic Fall 2023 Applications Open

The screenshot shows the University of New Hampshire website with a blue header. The header includes the UNH logo, the text "University of New Hampshire", and links for "APPLY", "REQUEST INFO", "GIVE", and a search icon. Below the header, a navigation bar has links for "Sustainability", "Sustainability Institute", "Student Education & Engagement" (which is highlighted in blue), "Campus Initiatives", "Research", and "Community Engagement". The main content area features a large banner with an aerial photograph of a wetland area. Overlaid on the banner is the text "Carbon Clinic". Below the banner are three blue callout boxes with white text. The first box on the left contains a clock icon and the text "60+ Hours per student spent engaged in experiential learning each semester". The middle box contains a briefcase icon and the text "100% Hands-on learning". The third box on the right contains a bar chart icon and the text "SIMAP UNH hosted carbon and nitrogen tracking tool".

Piloted in spring of 2022, the new [Carbon Clinic](#) is an exciting opportunity for regional businesses, nonprofits, municipalities, and communities to partner with UNH

students in a semester-long course. [Apply here](#), or contact us at [simap@unh.edu](mailto:simap@unh.edu) with any questions. We are currently accepting client applications for fall 2023.

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**Questions? Please contact us at [simap@unh.edu](mailto:simap@unh.edu), or join our weekly office hours on Fridays from 2-3pm ET by joining this Zoom link: <https://unh.zoom.us/j/93081695020>**

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