



## Soil Carbon Sequestration Update

June 2019

### New Research Developments in the Field:

[Fuel to the Fire](#) provides an overview of the dangers of geoengineering to address the climate threat and includes a more positive yet still sobering analysis of natural carbon removal strategies as a critical pathway for remaining below 1.5C warming in section 7 of the report.

General Mills confirms that beef farm is sequestering carbon:

[Study: White Oak Pastures Beef Reduces Atmospheric Carbon](#)

Diverse research projects underway through CGIAR fellows looking at soil carbon:

[CLIFF-GRADS awards record 33 fellowships for 2019 research on agricultural emissions and mitigation](#)

Effects of land use and forest management on soil carbon in the eastern USA

<https://www.sciencedirect.com/science/article/pii/S0378112719304451?dgcid=coauthor>

Regenerative rice project underway in Thailand

[Regenerative Rice Farming in Thailand](#)

Dr. Rattan Lal looks at eco-intensification, soil carbon sequestration, and ecosystem

Services: [Eco-intensification through soil carbon sequestration](#)

### News About Farmers Building Healthy Soils:

Canadian couple diversifies to protect and build healthy soils on their 5,000 acre farm.

<http://projects.thestar.com/climate-change-canada/saskatchewan/>

Iowa farmers urge ecosystem payments for care of the land and carbon capture - bringing the issue into the 2020 electoral cycle in the USA.

<https://www.nytimes.com/2019/06/24/opinion/farmers-climate-change-government-global-warming.html>

## **Funding and Grant Opportunities:**

[Partners for Places](#): National funders invest in local projects to promote a healthy environment, a strong economy, and well-being of all residents. Through these projects, Partners for Places fosters long-term relationships that make our urban areas more prosperous, livable, and vibrant. The grant program will provide partnership investments between \$25,000 and \$75,000 for one year projects, or \$50,000 and \$100,000 for two year projects, with a 1:1 match required by one or more local foundations.

## **Conferences:**

[The International Code of Conduct for the Sustainable Use and Management of Fertilizers](#) June 22-29, 2010 in Rome.

## **Job Opportunities:**

[The AgroEcology Fund is hiring a Program Director and a Communications Lead.](#)

The Thomas Jefferson Soil and Water Conservation District, located in Charlottesville, VA is hiring an Agricultural [Administrative Assistant](#)

Several positions are open with the International Soil Modeling Consortium  
<https://soil-modeling.org/news/job-announcements/vacancies-24th-june-2019>

Senior Food Systems Scientist - CIAT <https://ciat.cgiar.org/jobs/>

Program Associate, Resilient Agriculture & Food Systems  
<https://boards.greenhouse.io/winrock/jobs/4286377002>

One Acre Fund has International Positions  
<https://oneacrefund.org/work-with-us/job-openings/>

Senior Research Fellow in India - soil carbon focus  
<https://www.wisdomjobs.com/govtjobs/iari-state-wise-teaching-jobs-iari-jobs-2019-walkin-for-senior-research-fellow-post-58899>

## **New Initiatives:**

Indigo Agriculture announces Terraton Initiative:

<https://www.cnbc.com/2019/06/11/this-is-a-15-trillion-opportunity-for-farmers-to-fight-climate-change.html>

Australia sets up Emissions Reductions Fund to spur soil carbon farming.

<https://www.leonardodicaprio.org/world-first-soil-carbon-project-a-giant-leap-for-humankind/>

A global initiative on ecosystem restoration gets launched:

[www.EcoHealthGlobal.org](http://www.EcoHealthGlobal.org)

Soil Heroes is a new project in The Netherlands to advance ecosystem payments to farmers working to sequester carbon and build healthy soils.

<https://soilheroes.com/2019/02/18/regenerative-agriculture-in-the-hoeksche-waard-nl/>

Adopt a meter of soil campaign takes off:

<https://thecarbonunderground.org/adopt-meter/>

Project underway to help advance a Business Assistance Network for Farm and Food Businesses in New England and New York's Hudson Valley

[http://www.thecarrotproject.org/yahoo\\_site\\_admin/assets/docs/Oct\\_2018\\_Blueprint.17110944.pdf](http://www.thecarrotproject.org/yahoo_site_admin/assets/docs/Oct_2018_Blueprint.17110944.pdf)

## **Fellowships & Scholarships**

<https://foodsystemsnetwork.org/index.php/57-toolbox/for-students/63-scholarships-and-fellowships>

[https://www.luc.edu/sustainability/research/studentfellowships/carbon\\_fellowships/index.shtml](https://www.luc.edu/sustainability/research/studentfellowships/carbon_fellowships/index.shtml)

<https://www.castaneafellowship.org/about/>

<https://cifs.cornell.edu/student-opportunities/food-systems-fellows-program/>

## **Policy Developments and Information:**

Union of Concerned Scientists provides visual overview of state and federal policy proposals to promote healthy soils and soil carbon sequestration:  
<https://aag.secure-abstracts.com/AAG%20Annual%20Meeting%202019/abstracts-gallery/22912>

## **UNFCCC Process and Soil Carbon:**

A helpful collection of presentations made at the June 2019 UNFCCC meeting in Bonn addressing soil carbon and soil health.

<https://unfccc.int/event/improved-soil-carbon-soil-health-and-soil-fertility-under-grassland-and-cropland-as-well-as>

Ongoing UNFCCC process as it relates to soil carbon and healthy soils:

<http://www.fao.org/climate-change/our-work/what-we-do/koronivia/en/>

## **Media and Communications:**

Green New Deal and Healthy Soils  
[Healthy Soils Legislation Helps Green New Deal](#)

This list was curated by participants in a global listserv on soil carbon sequestration hosted by Breakthrough Strategies and includes diverse perspectives.

[The Role of Synthetic Fertilizers on Soil Carbon Sequestration](#)

USDA buries studies showing dangers of climate change.  
<https://www.politico.com/story/2019/06/23/agriculture-department-climate-change-1376413>

Hudson Valley farmers adopt carbon farming to cool the planet  
<https://grist.org/article/climate-friendly-farming-is-taking-root-in-new-york/>

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*To join our listserv on Soil Carbon Sequestration [click here](#).*

*To submit suggested resources for the next update, please contact [Austin Badger](#).*