



GROUNDED IN SCIENCE

DEBUNKING  
 6 MYTHS

About Ag Soil Carbon  
 as a Climate Solution



BY  
**A.J. Kumar**  
 VP of Sustainability Sciences

Through Scope 3 reduction and carbon credit programs, Indigo Ag is providing financial incentives for agricultural systems and practices that are more sustainable. As activity and interest have increased around soil carbon as a climate solution, there have been questions and debates about scientific rigor and the role of soil carbon in carbon markets. Here we identify and debunk a handful of important misconceptions and myths about the science supporting agricultural soil carbon as a climate solution.

[Read the 6 debunked myths...](#)

“Biogeochemical models, including DayCent-CR, are instruments that can be used in many different ways. Just like a musical instrument, the results you get depend on how you tune it, who is playing it, and the context in which they are playing. An untuned guitar in the hands of my toddler produces a very different result than a tuned guitar in the hands of a master like Carlos Santana.”

- A.J. Kumar

MOVING FROM ALIGNMENT TO ACTION ON SCOPE 3 EMISSION REDUCTIONS

For those consumer goods companies looking to reduce Scope 3 emissions in their agricultural value chains, the recent guidance from the Science Based Targets initiative (SBTi) and Greenhouse Gas Protocol (GHGP) provides new clarity on how companies can set and achieve their targets, while at the same time revealing gaps in technology, expertise, and resources for executing on their goals.

[Learn how to make Scope 3 reductions a reality](#)

SEE YOU AT #CLIMATEWEEK NYC

Leaders from around the world will descend upon New York City for Climate Week NYC from September 17 to 24. Our Indigo team will be participating in events with these organizations; the World Business Council for Sustainable Development (WBCSD), the World Economic Forum (WEF), Natural Climate Solutions Alliance (NCSA), International Emissions Trading Association (IETA), and more. Learn more and set up a meeting.



Learn how your company can get involved...

[Learn More](#)



# GROWING THE FUTURE

Hear from our partners on why they are working toward more sustainable agriculture.

## FEATURED PARTNERS



We want to do a better job of stewarding the land and healing the land, and that comes through taking better care of the soil and the crops. It's all interconnected. The process of healing the land and making the crops healthier, it's not just more profitable, but it's also better for the entire environment.

– Eric Kahle, Oklahoma farmer, producer of regenerative cotton for The North Face



We know we cannot meet our sustainability goals alone, and partnerships, such as the one with Indigo Ag, are an important part of our strategy. We recognize the benefits that investments in regenerative agriculture can garner and hope that our work helps to continue to scale these practices.

– Jeannie Renne-Malone, VP of Sustainability, The North Face, Indigo Market+ Source partner



At CGB we are driven to connect value-added solutions to our upstream farmer producers, while simultaneously meeting the evolving needs and quality characteristics of our downstream consumer. Through our work with Indigo, we are excited to expand upon and connect value-added production practices at the farm level that would promote sustainability within the grain, feed, and food supply chains.

– Eric Slater, President and CEO of CGB Enterprises, Inc., Indigo Market+ Source partner

## NEWS

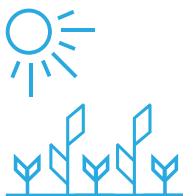
### CALIBRATING & VALIDATING CARBON QUANTIFICATION

Indigo's hybrid use of modeling and soil sampling sets a high standard for how soil carbon is quantified. Our DayCent-CR biogeochemical model is calibrated, validated, and then verified by 3rd party entities, in this case the Climate Action Reserve (CAR)—while accounting for the uncertainties inherent in carbon measurement. This process was successfully peer-reviewed and published in a top soil science journal, Geoderma.

[Read more... \(TBD\)](#)



## SUSTAINABLE FARMING 101



**Q: There are record-setting heat waves all over the globe. How can we manage soil to best use water?**

A: When it comes to soil moisture management, we often focus on improving the physical qualities of the soil. After all, soil water infiltration and holding capacity are directly tied to ratio and distribution of pore space, the space between mineral particles filled with air or liquid. But just as important to moisture management is soil biology, the living organisms within soil, which improves the structure and resilience of pore space in the soil.

[Read More...](#)



# FROM ALIGNMENT TO ACTION WATCH THE EDUCATIONAL SESSION

Recently we hosted a webinar on advancing Scope 3 reductions across the ag value chain. Experts from Bunge and Indigo shared insights on how to define, implement, and scale regenerative ag projects to meet your organization's targets with meaningful, measurable results.

[View the session recording.](#)

## GETTING UP TO SPEED ON SCOPE 3 EMISSIONS GUIDANCE

Until recently, there was no roadmap for determining how to set science-based targets for agricultural emissions, what guidance to follow, and what technology will provide the transparency needed to effectively track GHG footprints. Here, Alice Chang, Indigo's Manager of Sustainability Standards, brings clarity around the [latest SBTi guidelines](#) and the kinds of solutions that can help companies achieve their commitments.



[Read more...](#)



### RESEARCH AND RESULTS IN ACTION

In late July, Indigo hosted the first Sustainability Field Days in Iowa and Mississippi to bring together 55 partners and staff to dig into the work Indigo and our ecosystem are doing to make agriculture more sustainable. The field days were an opportunity to educate partners about the underlying science and data behind Indigo's sustainability programs and biological products. Our partners walked away better equipped to work with farmers making changes to their operations.

UNIQUELY COMBINING SCIENCE, TECHNOLOGY AND AGRICULTURE, INDIGO AG OFFERS A COMPREHENSIVE SUITE OF SUSTAINABILITY SOLUTIONS FROM SOIL TO SALE. OUR INTEGRATED BUSINESS PLATFORM ENABLES PARTICIPANTS TO ADOPT AND PROFIT FROM SUSTAINABILITY OPPORTUNITIES. WORKING WITH INDIGO, FARMERS CAN NOW MAXIMIZE THEIR PROFIT FROM NEW AND EXISTING SUSTAINABILITY PRACTICES ON EACH FIELD, EVERY YEAR OF THEIR ROTATION.

FOUNDED IN 2013, INDIGO AG IS UNLOCKING THE POWER OF AGRICULTURE TO CREATE A BETTER PLACE TO LIVE. OPERATING ACROSS 14 COUNTRIES, THE COMPANY IS DELIVERING ON ITS MISSION OF HARNESSING NATURE TO HELP FARMERS SUSTAINABLY FEED THE PLANET.