Compost Key to Sequestering Carbon in Soil According to UC-Davis Study

Researchers at the University of California at Davis recently published the results of a 19-year study into the carbon storing potential of conventional soils versus cover-cropped and compost-added soils. Unlike previous studies, UC-Davis scientists dug down 6 feet to examine bacteria and other soil organisms and found that cover crops and compost helped to sequester more carbon in soil. Compost was key to sequestering carbon in soil, they said.

Instead of asking farmers to wait 100 years to see a return on investment in cover crops, researchers say compost would be more of an immediate solution to address climate change. All soil organisms are important in the carbon cycle, but compost is much higher on the food chain and produces much more carbon dioxide than any other type of soil, they said.

PFAS and Biosolids Update

PFAS concerns are reported in Europe and across the US. In Connecticut, the Hartford Courant reported that environmentalists are arguing that industrial producers and industrial users should be responsible for the cost of cleaning up PFAS that is found in wastewater and treated sludge. Meanwhile, actions in a few other states are also raising concerns for PFAS becoming an issue at the state, regional, and national level, have taken leadership on the issue now. NEBRA's efforts have helped spur engagement on the PFAS issue by numerous state, regional, and national water quality groups. Many of those groups, including NACWA, provided comments in response to EPA's proposed analytical method for PFAS on wastewater and biosolids programs are facing uncertainties related to potential liability requirements could place the burden on PFAS receivers, such as wastewater utilities to Superfund liability.

Biosolids Greenhouse Gas Calculator (BGGC) was created for utilities to evaluate the magnitude of their greenhouse gas emissions associated with biosolids and wastewater treatment processes and share your utility's carbon footprint. This tool has the potential to save utilities money by reducing emissions, helping meet climate change goals, and improving overall sustainability of operations.

BGGC provides a free tool where you can evaluate biosolids and wastewater treatment processes and learn more about your utility's carbon footprint. The inspiration for the BGGC was to create an accessible and affordable tool where you can evaluate biosolids and wastewater treatment processes and share your utility's carbon footprint. The BGGC project organizers are asking for your help to bring the tool to life. They are asking for your help to get the BGGC out to a service provider well-versed in calculating emissions. The BEAM spreadsheet to start calculating. Others may contract this task out to a service provider well-versed in calculating emissions. The BEAM spreadsheet to start calculating. Others may contract this task out to a service provider well-versed in calculating emissions. The BEAM spreadsheet to start calculating. Others may contract this task out to a service provider well-versed in calculating emissions.

Events

The Northeast Residuals & Biosolids Conference

Don't miss out. Be in Springfield, MA Oct. 16 -18. There's still time to register!

More on NEBRA's plans and activities will be announced starting at 2 free years for members. The BGGC project organizers are offering free access to the tool for biosolids and wastewater treatment professionals. The inspiration for the BGGC was to create an accessible and affordable tool where you can evaluate biosolids and wastewater treatment processes and share your utility's carbon footprint. The BGGC project organizers are asking for your help to bring the tool to life. They are asking for your help to get the BGGC out to a service provider well-versed in calculating emissions. The BEAM spreadsheet to start calculating. Others may contract this task out to a service provider well-versed in calculating emissions. The BEAM spreadsheet to start calculating. Others may contract this task out to a service provider well-versed in calculating emissions. The BEAM spreadsheet to start calculating. Others may contract this task out to a service provider well-versed in calculating emissions. The BEAM spreadsheet to start calculating. Others may contract this task out to a service provider well-versed in calculating emissions. The BEAM spreadsheet to start calculating.

SAFETY FIRST

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