FY22 Appropriations

Carbon180 Recommendations

The below document outlines Carbon180's appropriations requests. If you're interested in speaking with our policy team, reach out: policy@carbon180.org.

ENERGY AND WATER

Department of Energy CDR FY22 Request

FY22 Request:	$274,000,000
FY21 Level:	$90,500,000
FY20 Level:	$60,000,000
FY19 Level:	n/a
PBR:	n/a

Report Language: Pursuant to Section 5001 of P.L.116-260, the Committee recommends not less than $274 million for research, development, and demonstration of carbon dioxide removal (CDR) technologies, including not less than $214 million for direct air capture and storage (DAC). The Office of Fossil Energy shall continue to collaborate with the Office of Science and the Office of Energy Efficiency and Renewable Energy to develop a coordinated program, as recommended by the National Academies, that supports RD&D projects to advance the development and commercialization of CDR technologies on a significant scale. The Committee also supports the Department providing a portion of the funding to a CDR program, DAC prize competitions, and a DAC test center.

DOE -- Office of Fossil Energy -- Carbon Storage Program

FY22 Request:	$200,000,000
FY21 Level:	$79,000,000
FY20 Level:	$100,000,000
FY19 Level:	$98,096,000
PBR:	n/a

DOE -- Office of Fossil Energy -- Carbon Use Program

FY22 Request:	$54,000,000
FY21 Level:	$23,000,000
FY20 Level:	$21,000,000
FY19 Level:	$12,000,000
PBR:	n/a

INTERIOR AND EPA

EPA -- Water: Human Health Protection -- Class VI Wells

FY22 Request:	$11,000,000
FY21 Level:	$3,000,000
FY20 Level:	-
FY19 Level:	-
PBR:	n/a

Report language requested: The Committee recommends not less than $11,000,000 for the Agency's work within the Underground Injection Program related to Class VI wells for geologic sequestration to help develop expertise and capacity at the Agency. These funds should be used by the Agency to review and process Class VI primacy applications from States and Tribes and to directly implement the regulation, where States have not yet obtained primacy by working directly with permit applicants. The Agency is also encouraged to work with national organizations to provide support to States for these same purposes.

USFS -- Forest and Rangeland Research -- Forest Inventory Analysis

Forest and Rangeland Research

FY22 Request:	$315,760,000
FY21 Level:	$258,760,000
FY20 Level:	$228,000,000
FY19 Level:	$223,000,000
PBR:	n/a

Forest Inventory Analysis

FY22 Request:	$87,000,000
FY21 Level:	$77,000,000
FY20 Level:	$77,000,000
FY19 Level:	$77,000,000
PBR:	n/a

Report language: The Committee provides $315,760,000 to Forest Research and Development, of which $1,500,000 is directed to large-scale forest carbon management field demonstration projects that evaluate enhanced forest management techniques to maximize carbon removal potential.

Within Forest Research and Development, the Committee provides not less than $87,000,000 to Forest Inventory Analysis, including combined salaries and expenses. Funds should prioritize efforts to increase the acquisition and use of high-resolution remote sensing technologies to improve MRV and for addressing "leakage" of timber harvesting. Funds should also be used to advance aboveground and belowground monitoring tools that target forest carbon measurement precision.

USFS -- National Forest System -- Vegetation and Watershed Management

FY22 Request:	$215,683,000
FY21 Level:	$28,683,000
FY20 Level:	$182,000,000
FY19 Level:	$180,000,000
PBR:	n/a

Report language: The Committee provides $215,683,000 to Vegetation and Watershed Management. Funds should support the expansion of nursery and seed extractories and to develop seed progenies that are more resilient to climatic impacts within the Genetic Resource Management program.

USFS -- State and Private Forestry -- Urban and Community Forestry

FY22 Request:	$35,910,000
FY21 Level:	$31,910,000
FY20 Level:	$32,000,000
FY19 Level:	$29,500,000
PBR:	n/a

Report language: The Committee provides $35,910,000 for Urban and Community Forestry for technical assistance and project support of urban and community forestry projects that prioritize tree planting in communities with low-canopy coverage.

USFS -- National Forest System -- Collaborative Forest Landscape Restoration

FY22 Request:	$80,000,000
FY21 Level:	$13,787,000
FY20 Level:	$40,000,000
FY19 Level:	$40,000,000
PBR:	n/a

Report language: The Committee provides $80,000,000 to Collaborative Forest Landscape Restoration, including combined salaries and expenses, to prioritize restoration projects with demonstrable forest carbon storage benefits.

USFS -- State and Private Forestry -- Forest Health Management — Cooperative Lands

FY22 Request:	$51,000,000
FY21 Level:	$30,747,000
FY20 Level:	$31,815,000
FY19 Level:	$44,000,000
PBR:	n/a

Report language: The Committee provides $51,000,000, including combined salaries and expenses to the Forest Health Protection program to support non-federal forest owners against invasive species and diseases outbreaks. Funds should be used for activities that improve monitoring tools for disease, pest, and invasive species outbreaks, and provide financial and technical support to prevent, assess, suppress, and control any outbreaks.

AGRICULTURE AND RURAL DEVELOPMENT

USDA -- Agricultural Research Service -- Salaries and Expenses

FY22 Request:	$1,511,784,000
FY21 Level:	$1,491,784,000

FY20 Level: $1,414,366,000
FY19 Level: $1,303,266,000
PBR: n/a

Report Language: The Committee provides $1,511,784,000 for the Agricultural Research Service, Salaries and Expenses for research on soil carbon chemistry, plant-microbe interactions, soil carbon dynamics at depth, microbial soil carbon transformation and stabilization, soil physical structure, and high carbon input phenotypes (in coordination with existing research at DOE BER, NSF GEO, and NIFA).

This funding increase should also be used for the development of tools to predict and quantify soil carbon storage, including linking on-the-ground measurements with point-and-shoot tools, near- and mid-range spectroscopy, remote sensing, simulation-based tools, and process-based models that incorporate multiple data sources.

USDA -- National Agricultural Statistics Service

FY22 Request: $188,921,000
FY21 Level: $183,921,000
FY20 Level: $180,294,000
FY19 Level: $174,517,000
PBR: n/a

Report Language: The Committee provides $188,921,000 for the National Agricultural Statistics Service. The Committee directs NASS to collect census data on implementation of conservation practices across the US that promote soil health and soil carbon storage with the additional funds allocated to NASS.

USDA -- Economic Research Service

FY22 Request: $91,476,000
FY21 Level: $85,476,000
FY20 Level: $84,757,000
FY19 Level: $86,757,000
PBR: n/a

Report Language: The Committee provides $91,476,000 for the Economic Research Service, with the increase in funds for research on the cost to producers in adopting conservation practices that increase soil carbon

storage, as well as the on-farm benefits to producers provided by these practices. This research should be applied broadly, looking at numerous operation types and geographies.

USDA -- NRCS -- Conservation Operations -- Conservation Technical Assistance

FY22 Request:	$749,255,000
FY21 Level:	$734,255,000
FY20 Level:	$735,760,000
FY19 Level:	$725,926,000
PBR:	n/a

Report Language: The Committee provides $749,255,000 for Conservation Technical Assistance, with the increase in funds for technical assistance related to healthy soil planning, soil carbon storage, and conservation activity planning. The Conservation Technical Assistance program should also use additional funds to assess the effectiveness of modeling and predictive tools in predicting and quantifying soil carbon storage in real agricultural contexts.

USDA -- Office of Partnerships and Public Engagement -- Outreach for Socially Disadvantaged Farmers and Ranchers (2501 program)

FY22 Request:	$4,000,000
FY21 Level:	$3,000,000
FY20 Level:	$2,500,000
FY19 Level:	$3,000,000
PBR:	n/a