



Regulating Marine Carbon Dioxide Removal in the United States: MPRSA



INSTITUTE *for* RESPONSIBLE
CARBON REMOVAL

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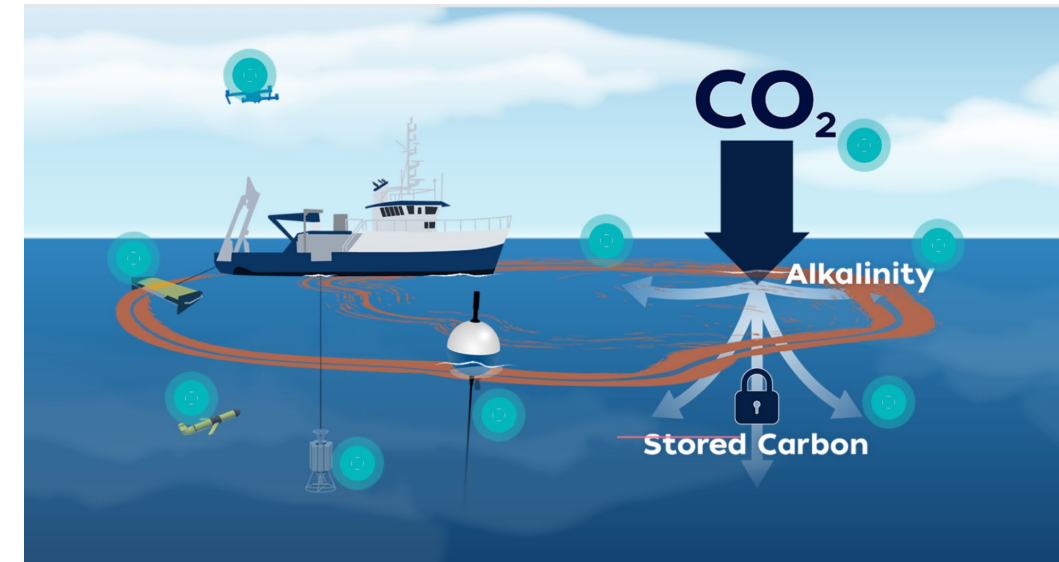
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NASEM: mCDR Working Group

September 15, 2025



LOC-NESS: A research program to study ocean alkalinity enhancement on the Northeast Shelf and Slope of the U.S.



(b) Policy of regulation and prevention or limitation

The Congress declares that it is the policy of the United States to regulate the dumping of all types of materials into ocean waters and to prevent or strictly limit the dumping into ocean waters of any material which would adversely affect human health, welfare, or amenities, or the marine environment, ecological systems, or economic potentialities. [emphasis added]



(f) “Dumping” means a disposition of material ... [not including effluent from outfall structures, materials deposited to help fisheries, fixed structures or artificial islands]

(c) “Material” means matter of any kind or description, including, but not limited to, dredged material, solid waste, incinerator residue, garbage, sewage, sewage sludge, munitions, radiological, chemical, and biological warfare agents, radioactive materials, chemicals, biological and laboratory waste, wreck or discarded equipment, rock, sand, excavation debris, and industrial, municipal, agricultural, and other waste ...
[emphasis added]

Categories of permits:

(e) Research permits. Research permits may be issued for the dumping of any materials ... into the ocean as part of a research project when it is determined that the scientific merit of the proposed project outweighs the potential environmental or other damage that may result from the dumping. Research permits shall specify an expiration date no later than 18 months from the date of issue. [emphasis added]

Categories of permits:

(a) General permits. General permits may be issued for the dumping of certain materials which will have a minimal adverse environmental impact and are generally disposed of in small quantities, or for specific classes of materials that must be disposed of in emergency situations.



The Secretary of Commerce ... shall initiate a comprehensive and continuing program of research with respect to the possible long-range effects of pollution, overfishing, and man-induced changes of ocean ecosystems. In carrying out such research, the Secretary of Commerce shall take into account such factors as existing and proposed international policies affecting oceanic problems, economic considerations involved in both the protection and the use of the oceans, possible alternatives to existing programs, and ways in which the health of the oceans may best be preserved for the benefit of succeeding generations of mankind. [emphasis added]

Article III



For the purposes of this Convention:

1(b) "Dumping" does not include:

(ii) placement of matter for a purpose other than the mere disposal thereof, provided that such placement is not contrary to the aims of this Convention. [emphasis added]

Dumping means a disposition of material: *Provided*

(e) That it does not include the deposit of oyster shells, or other materials when such deposit is made for the purpose of developing, maintaining, or harvesting fisheries resources and is otherwise regulated by Federal or State law or occurs pursuant to an authorized Federal or State program.



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