

## **Preliminary Evaluation of Offshore Transport and Storage of CO<sub>2</sub>**

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The DOE-NETL has funded the Southern States Energy Board (SSEB) who have teamed with IOGCC (and others) to prepare a report that will have as its primary objective to conduct studies to evaluate the potential for geological storage of CO<sub>2</sub> utilizing existing offshore oil and natural gas fields in the Gulf of Mexico nearing the end of productive life, and in areas that have not been subject to oil and natural gas production (other than GOM). These offshore geologic settings, along with wells and infrastructure (where it exists), may be suitable for CO<sub>2</sub> sequestration with the adaptation of technical, regulatory, and business modifications.

Inherent within this objective is the consideration of:

- (1) resource mapping of CO<sub>2</sub> storage potential and infrastructure in SECARB's offshore areas under Federal jurisdiction in the Gulf of Mexico;
- (2) resource mapping of CO<sub>2</sub> storage potential and infrastructure in the SECARB region offshore areas under state jurisdiction, and
- (3) the current legal and regulatory structures and opportunities in applicable jurisdictions.

Research will be performed as part of a collaborative partnership between the Southern States Energy Board and the Interstate Oil and Gas Compact Commission (IOGCC), with technical assistance from the University of Texas at Austin, Bureau of Economic Geology (BEG) and from the Geological Survey of Alabama (GSA). The SSEB will manage the project, under its existing SECARB Phase III agreement.

The IOGCC Carbon Capture and Geologic Storage Task Force will conduct legal and regulatory research by means of specific subgroups created for each project. These subgroups will: 1) conduct research and analyses; and 2) draft findings and recommendations and/or guidance documents, potentially including suggested amendments to IOGCC's CO<sub>2</sub> model legislation and rules. The IOGCC will work closely with the SECARB partnership to evaluate the legal and regulatory structures of the states involved. Research topics include an evaluation of current legal and regulatory structures, identification of challenges stakeholders may face, and identification of legal and regulatory opportunities.