

CIOTTA, Mariana; PEYERL, Drielli; BARROZO, Ligia; SANT ANNA, Lucy Gomes; SANTOS, Edmilson Moutinho dos; BERMANN, Célio; GROHMANN, Carlos Henrique; MORETTO, Evandro Mateus; TASSINARI, Colombo Celso Gaeta. An overview of carbon capture and storage atlases around the world. **Environmental Geosciences**, v. 27, n. 1, p. 1-8, mar.2020. Disponível em: < <https://doi.org/10.1306/eg.10221919015> > DOI: 10.1306/eg.10221919015.

ABSTRACT

Recent concerns about climate change and greenhouse gas emissions have a clear effect on the energy sector, directly affecting the use of fossil fuels. Companies and countries that depend on these sources of energy (so-called not clean) take actions to search for palliative solutions. The production of atlases of carbon capture and storage (CCS) is one of the collaborative actions that seeks to systematize and organize several aspects involving the use of CCS technologies. This paper focuses on an analytical overview of approaches addressed by five different CCS atlases published by Brazil, the United States, Canada, Mexico, Norway, and South Africa. The five atlases are available for public access; an analytical overview could substantiate the academic and technical decisions related to the future publication of a new atlas for any country and suggests the inclusion of new topics such as social and environmental issues.