



## Role of Agriculture in Carbon Capture and Climate Change

By Arvid Bjurström

Nova Science Publishers Inc. Paperback. Book Condition: new. BRAND NEW, Role of Agriculture in Carbon Capture and Climate Change, Arvid Bjurström, The agriculture sector is a source of greenhouse gas (GHG) emissions, which many scientists agree are contributing to observed climate change. Agriculture is also a 'sink' for sequestering carbon, which might offset GHG emissions by capturing and storing carbon in agricultural soils. Emissions from agricultural activities account for 6-8 per cent of all GHG emissions in the United States. Carbon captured and stored in U.S. agricultural soils partially offsets these emissions, sequestering about one-tenth of the emissions generated by the agriculture sector, but less than 1 per cent of all U.S. emissions annually. Congress is considering a range of climate change policy options, including GHG emission reduction programs that would either mandate or authorise a cap-and-trade program to reduce GHG emissions. In general, the current legislative proposals would not require emissions in the agriculture and forestry sectors. Many GHG proposals, however, would allow farmers and landowners to receive emissions allowances (or credits) and/or generate carbon offsets, which could be sold to facilities covered by a cap-and-trade program. This book highlights the effects that agriculture has on carbon capture and...



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