

《中国长江三角洲地区土壤碳储量》

图书基本信息

书名：《中国长江三角洲地区土壤碳储量和储量变化的研究》

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作者：Naizheng Xu

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内容概要

Soil carbon stock, including soil organic carbon (SOC) and soil inorganic carbon (SIC) stock, is the largest pool in terrestrial ecosystem, and only a small change in storage has an impact on level of greenhouse gases in the atmosphere. Therefore, soil carbon sequestration is believed to be one of the cost-effective ways to reduce greenhouse gas concentrations in the atmosphere and mitigate global greenhouse effects. This study calculates soil carbon storages and evaluates soil organic storage change in the course of industrialization and urbanization in Yangtze Delta region, China, based on the data of the Second National Soil Survey (1982-1985) and the Multi-Purpose Regional Geochemical Survey (2002-2005), which may provide baseline data for research into regional carbon sequestration/source effect and carbon circulation.

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