

复，我们可以利用国家法律、地方法规和激励政策来促进土壤碳管理的改善以获得多重效益。

这些途径包括：

- 土地利用计划(易造成土壤有机碳流失的脆弱土壤除外)。
- 把加强保护和增加土壤有机质的管理作为评判土壤环境质量的基本要素。
- 制订法规和准则,以限定温室气体排放量、土壤中二氧化碳释放量、地表和地下水中硝酸盐及其他污染物的含量和富含碳的土壤排水量。
- 增加植物养分的来源以提高土壤有机碳量（如覆盖作物、豆类、能促进植物生长的生物效应）
- 财政激励措施,如奖励碳储存、防洪、改善水质、保护土壤生物多样性及其他生态系统服务功能等。
- 为农林业提供技术咨询（推广服务），应覆盖基于土壤的

所有生态系统服务功能。

土壤碳易流失但不易重建。因其是农业生产、气候调节及其他重要生态系统服务功能的核心影响因素，所以出台针对土壤碳可持续管理的鼓励政策，不论从短期还是长期来看都能带来许多收益。鼓励政策要根据不同的土地类型制订相应的土地利用方式和管理方法，而不能像以往那样，根据现行的政策只能实现单个生态系统服务功能。该项政策需要谨慎制订整合，避免因经济上的刺激而产生的和土壤碳有关的新纠纷与不法交易。

通过有效管理土壤碳来管理利用土地以获得多重效益，已经成为一项新的焦点。同时对满足2030年以及未来世界人口对生态系统服务的需求具有重大意义。

水生鸣鸟(水栖苇莺)的生存受到了严重威胁，它们只能存活于成熟的、碳含量丰富的湿地中。



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