

Tropical wetlands, climate, and land-use change: adaptation and mitigation opportunities

Tropical wetland ecosystems, especially mangroves and peatlands, are carbon (C) rich ecosystems. Globally, tropical mangroves store about 20 PgC, however, deforestation has contributed 10 % of the total global emissions from tropical deforestation, even though mangroves account for only about 0.7 % of the world's tropical forest area (Donato et al. 2011). Meanwhile, tropical peatlands store 191 PgC or approximately 33 % of global peatland C (Post et al. 1982; Page and Rieley 1999). This disproportionate capacity of tropical wetlands to sequester and store C make them a critical component in understanding local, regional and global C stocks that influence the balance of greenhouse gases to and from the atmosphere.

Auteurs du document : KOLKA R.

Obtenir le document : SPRINGER

Diffuseur des métadonnées : Pôle-relais Mangroves et Zones Humides Outre-mer

Mots clés : TOURBIERE, MANGROVE, CARBONE, CHANGEMENT CLIMATIQUE

Thème (issu du Text Mining) : INFORMATION - INFORMATIQUE, MILIEU NATUREL

Date : 2016-01-01

Format : text/xml

Langue : Anglais

Couverture géographique :

mondial

Accéder à la notice source : <http://pr-guadeloupe.aidel.com/reference/1554.html>

Télécharger les documents :

<http://www.cifor.org/library/6047/tropical-wetlands-climate-and-land-use-change-adaptation-and-mitigation-opportunities/>

Permalien : <https://www.documentation.eauetbiodiversite.fr/notice/tropical-wetlands-climate-and-land-use-change-adaptation-and-mitigation-opportunities1>