



The Effects of Land Use on Formation of Greenhouse Gases

Guest Editor:

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Message from the Guest Editor

Forest areas are continually reduced because these lands are taken for agriculture, industry, home plots, etc., with more and more roads passing through originally natural or afforested forests. In addition, the drainage of wetlands is continuing, since these soils are taken for forest cultivation, agriculture, peat cutting, etc. Often, new forest trees are planted to get forest products or/and to control desertification—especially in the tropics. These land use processes can increase or decrease formation of greenhouse gases such as carbon dioxide, methane or nitrous oxide and water vapor, both of which increase rainfalls, as there may be, for example, sinks of carbon dioxide due to vegetation but increasing emissions of methane and nitrous oxide due to soil microorganisms. There are too few studies on this important topic even though knowledge in the field is pivotal for land use planning in different countries. We therefore invite authors to submit papers dealing with the effects of land use practices on greenhouse gases in arid or wet climates in different temperature zones.





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Message from the Editor-in-Chief

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