

Agrohydrological infrastructures management for Water conservation



Context

Water shapes the soil and influence the growth of crops water availability, and so the and animals. Farming practices act on water resources to positive and manage its negative effects on productions water and other resources.



Climate change impacts agricultural systems. The landscape is the most suited level to tackle the changes in management for farming activities.

Issues

The agrohydrological blue-green infrastructures may paly an important role for water But conservation. efficiency are fully dependent on the maintenance frequency and magnitude.

Expected results Terraces are an emblematic example of infrastructures. You will add international their knowledge on agrohydrological infrastructures management practices strategies over scientometric analysis of the literature.



Bibliography

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Rizzo et al. (2013) Farming systems designing landscapes. Danish Journal of Geography 113:71-86.

Scherr et al. (2012) From climate-smart agriculture to climate-smart landscapes. Agric & Food Secur 1-1-15





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Your role

Exhaustive review of the literature Database surveys and interviews for stakeholder maintenance practices and infrastructures perception (France-Tunisia-India) Framework conceptualiztion for infrastructures efficiency Evaluation at hillslope scale

Inter•disciplinary team



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