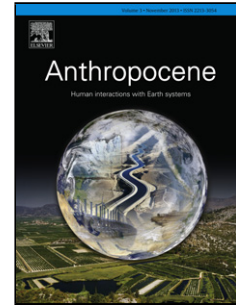


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Adjustment of dryland stream channels over four decades of urbanization

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Abstract

Human settlements are increasingly expanding into drylands and mountain areas that are less accommodating to urban communities, creating hazards related to the conveyance of water and sediment. Comparatively few studies of urbanization effects on streams have focused on drylands, especially steep terrains. Development of the town of Fountain Hills in the foothills of the McDowell Mountains (Arizona, USA) since the 1970s provides an example of dryland

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