



Land Use as a Tool for Fire Prevention: Productive Fuel Breaks in Mosaic Landscapes

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Message from the Guest Editor

Increasingly severe fire regimes are developing in most of the world's forestlands due to climate change and inadequate land use. Current fire management prioritizes fire suppression while ignoring the potential for different land uses to create mosaic landscapes thus mitigate fire propagation. Fire-smart management implies an intervention of vegetation (fuel) to promote fire-resistant landscapes. To be cost-effective and durable, interventions should be based on economically profitable uses. Prescribed burning combined with profitable uses may result in "productive fuel breaks" within fire-resistant landscapes.

Based on the paradigm shift claimed by many authors, from fire suppression to mitigation and adaptation, and for the participative design of smart fire landscapes, invited papers will show both conceptual and practical advances in the field. Manuscripts showing successful case studies that estimate changes in fire risk after landscape intervention through cost-effective methods are especially welcome. Finally, works addressing environmental, social or economic limitations/advantages of this approach will be considered.





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Message from the Editor-in-Chief

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