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Fire Effects on Fuel and Vegetation: Linking Process to Pattern

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Message from the Guest Editor

Dear Colleagues,

The effects of wildland fires on fuel and vegetation has been an area of active study. Despite the abundance of fire effects studies, generalizations and trends are difficult to establish. The need to directly link fire behavior and heat transfer to vegetation and fuel responses cannot be more aptly represented than by Stephen Pyne's analogy of examining effects without fire behavior as examining a patient's response without knowledge of administered dosage levels. Models that integrate the complex and dynamic fire–atmosphere feedbacks and advances in measurement technology of energy release were recently developed to address these issues. Furthermore, the need for a more mechanistic understanding of individual plant and species responses have been emphasized.

We invite you to contribute to *Forests*' Special Issue focused on linking wildland fire as a process to fuel and vegetation patterns. Contributions are welcome from all forest ecosystems linking heat release and fire behavior to effects on fuel and vegetation.



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Special Issue



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