Special Issue

Post-fire Regeneration in a Changing Climate

Message from the Guest Editor

Post-fire tree regeneration is critical to forest recovery resilience and is useful in predicting future forest structure, distribution, and condition. With novel post-fire temperature and moisture regimes that accompany climate change, growing evidence suggests that either longer recovery periods will be necessary for burned areas or dry forests will experience a conversion of dry to non-forest cover types. Post-fire regeneration may also be affected by changing wildfire severity, frequency, extent, and/or seasonality.

For this Special Issue, we invite contributions that examine forest resilience in a changing climate by investigating the dynamics of post-fire tree regeneration. Contributed papers may focus on any aspect of post-fire regeneration in any fire-prone forest across the range of fire regimes. Examples of potential topics related to post-fire regeneration include but are not limited to the effects of increased fire size, changes in fire seasonality, increased fire frequency (short-interval fires), changes in post-fire growing conditions, or forest conversion due to regeneration failure.

Guest Editor

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