Extreme Weather and Climate COLUMBIA UNIVERSITY

A fire manager's perspective on fire season potential based on climate, weather, and fire behavior predictions.

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Fire managers are confronted with making assessments and determinations of potential fire activity at different scales throughout the course of a fire season. From pre-season climate and weather predictions to peak of fire season fire behavior modeling, managers must adjust which tools and products they utilize to predict fire potential. This often involves looking at global weather patterns to very site specific weather and fuel conditions to predict fire activity over days, weeks, and even months with fire behavior prediction models as well as intuitive experience.