

## **Dr. H. Wayne Polley**

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Dr H. Wayne Polley is internationally-recognized regarding the effects of several global changes [atmospheric carbon dioxide (CO<sub>2</sub>) enrichment, altered precipitation patterns, intensified disturbances and plant invasions] on ecological processes that control the productivity and species composition on mesic rangelands. His use of a novel experimental apparatus to study responses of an intact rangeland to a continuous gradient of atmospheric CO<sub>2</sub> has provided research findings that are directly applicable to land managers, researchers, policy makers and the general public.