

# **The potential of in situ- and remote sensing activities to address drought effects on forest ecosystems**

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A general concern over the state of the environment and the impacts of global change on ecosystem services and functions has highlighted the need for high-quality, long-term-datasets for detecting environmental change. Such long-term observations are the basis for understanding long-term ecological interactions at multiple spatial and temporal scales. They are needed and called for by stakeholders to provide measures of baseline conditions and for informing decisions on ecosystem management and environmental policy formulation. This paper will evaluate the potential of existing in situ- and remote sensing activities to address drought effects on forest ecosystems.