



The Forest Cover – Water Yield Debate: Implications for land management in Ethiopia

“Are forests good for water?” remains a hotly contested scientific question. Despite both its importance and apparent simplicity, we have difficulty knowing enough about how the water regime reacts to land use change to make water-wise decisions regarding the forest management alternatives facing individuals, communities and governments.



Photo: Jenny Svennås-Gillner, SLU

In the face of global warming and climate change, the preservation and extension of forest cover is likely to play an increasingly important role in the maintenance and improvement of available water supply. But given the complexity of the science, and the scale issues involved when contrasting local management vs. regional and global issues, it is difficult to know how to include water in forest management.

Using the situation in Ethiopia as a starting point, the relation between land cover and water over the past half century has been explored using both traditional methods (runoff records, statistical analysis, and change detection modeling), as well as an exploration of community perception.

Speaker: Professor Kevin Bishop, Department of Aquatic Sciences and Assessment, Pro Vice-Chancellor, SLU, Uppsala

Date: **Tuesday 10 October, 11h00–12h00**

Place: Högbomsalen, Geoscience Building

The lecture will be streamed and you can watch it live here <https://connect.sunet.se/bolincentre>. It will also be saved on the Bolin Centre website