

Philippe Peyrillé

*Bio :*

Dr Philippe Peyrillé research is focused on the mechanisms that drive precipitation in the tropics from weather forecast to subseasonal timescale with a specific interest for the interaction between tropical waves, large-scale forcing and deep convection in West Africa. He has been involved in studies showing the role of tropical waves in the occurrence of extreme precipitation and heat waves in West Africa and leads research to improve weather forecasts in African countries. An important aspect of his work is the transfer from research to operational applications with a close interaction with forecasters in West Africa. The MISVA website is one his most noticeable achievements (<https://misva.aeris-data.en>).