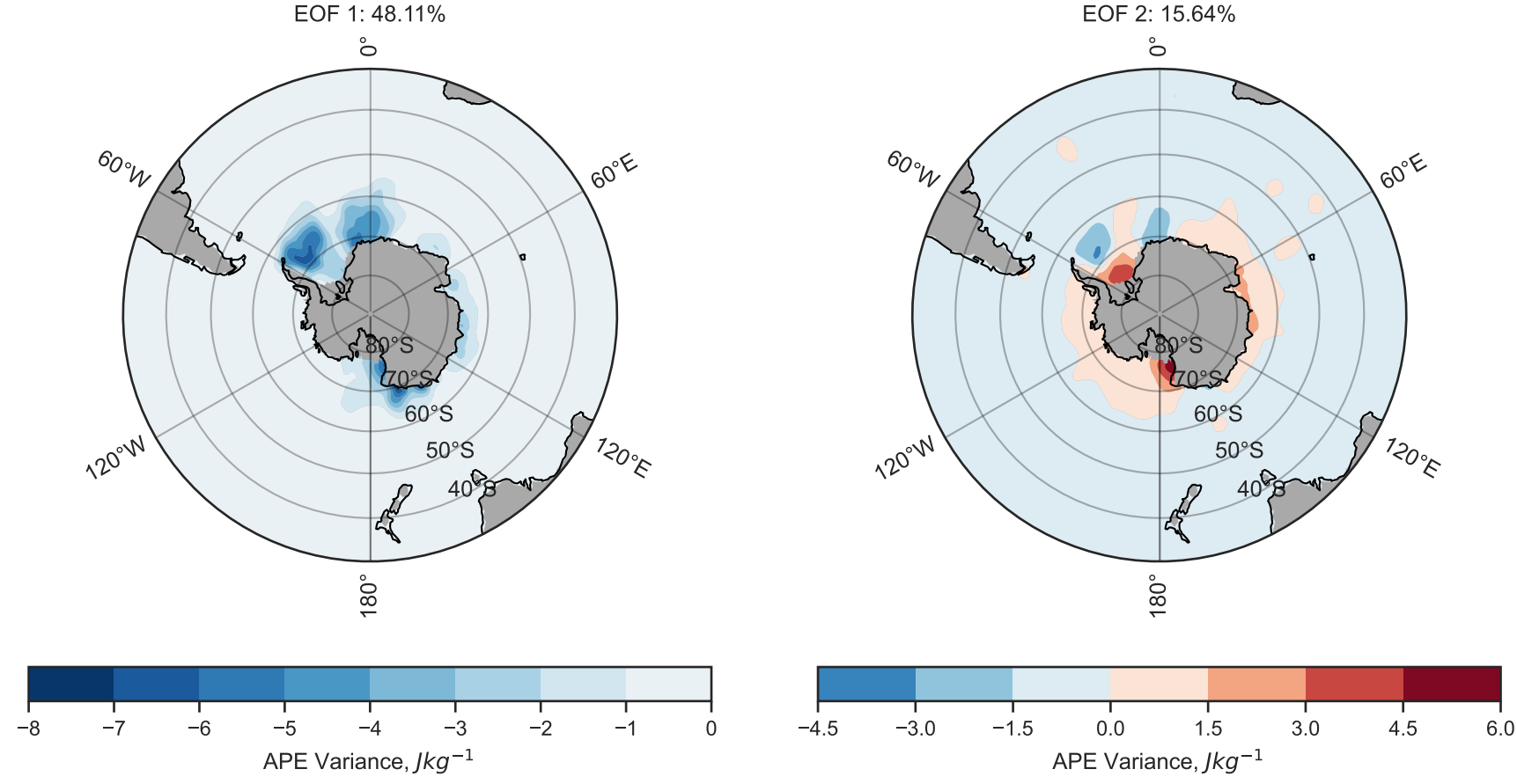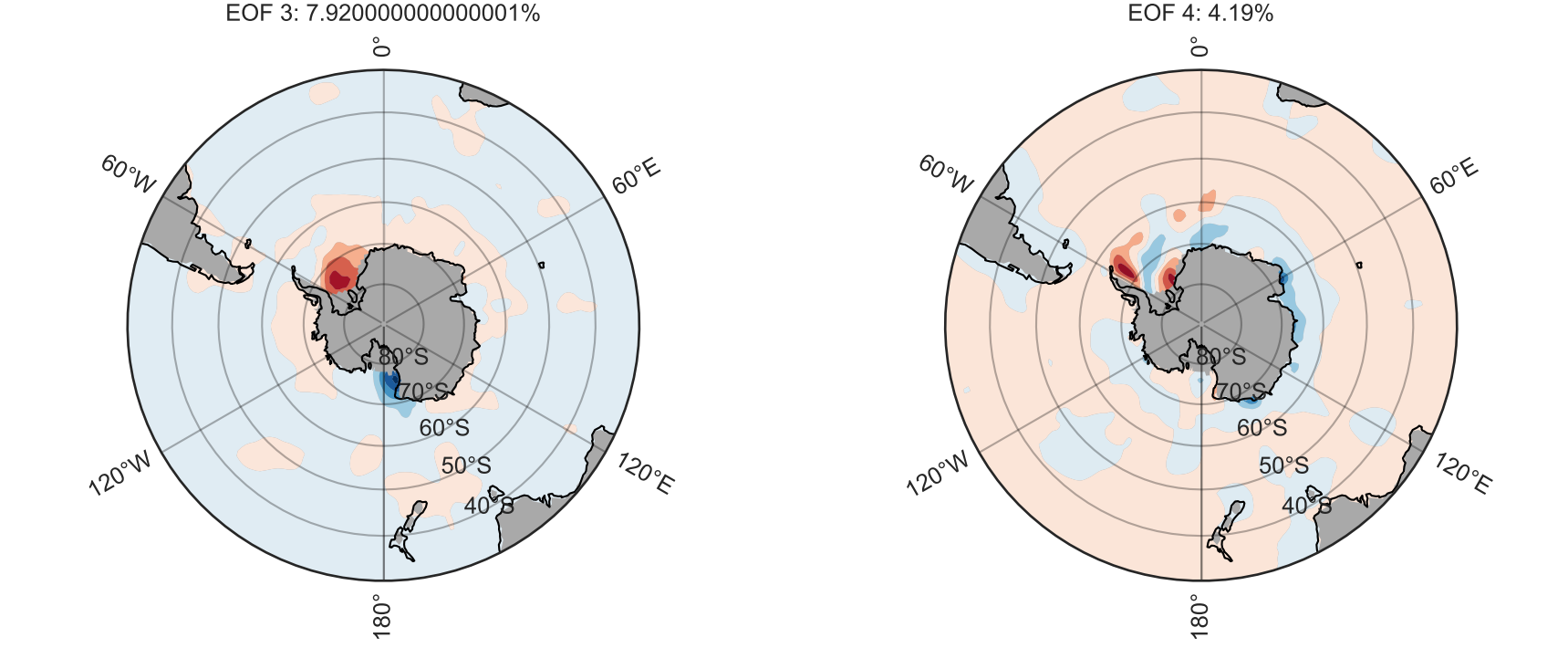Southern Ocean, EOF as Covariance: APE density at 10m