



Quick propagation of anomalies from the Antarctic Ocean to the Equatorial region

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The possibility that the ocean itself plays an important role in Antarctic-Equatorial Coupled Ocean-Atmosphere processes, has been given support by the discovery of quick propagating ocean signals from modelling studies (eg Ivchenko et. al., 2004; Richardson et al., 2004; Blaker et.al., 2006 ; Stepanov and Hughes, 2006). To clarify the processes by which these signals propagate and amplify in the ocean, these studies will be reviewed, together with some recent work. Furthermore, how these ocean mechanisms may be observed, will be discussed.