How does the Fed keep economy out of recession when Yc and MPKc fall?

In SR, pessimism on the part of firms and consumers shifts the IS left and AD left. A movement along TA lowers Yc and Y also fall in SR.

In principle, it is possible for the Fed to respond immediately to this pessimism by setting r* is now rFR. The MP shifts lower r to rFR + shifts AD-IT to original position leaving Y = YFE + IT - To. See slides for why this sort of policy change is not easily done.