臺灣地區區域流量延時曲線之推求研究

In this study, the regional characteristic regression function was built by using the ratio of the percentage of yearly flow equal to or greater than indicated flow and annual average discharge versus the watershed area. The flow duration curve of the ungauged and the insufficient data area was simulated by means of the adjustment of the errors of regional characteristic regression function. According to the results of the data from thirty-nine stations of the basins selected in south Taiwan, most of the errors of area under simulated flow duration curve are within 20%.