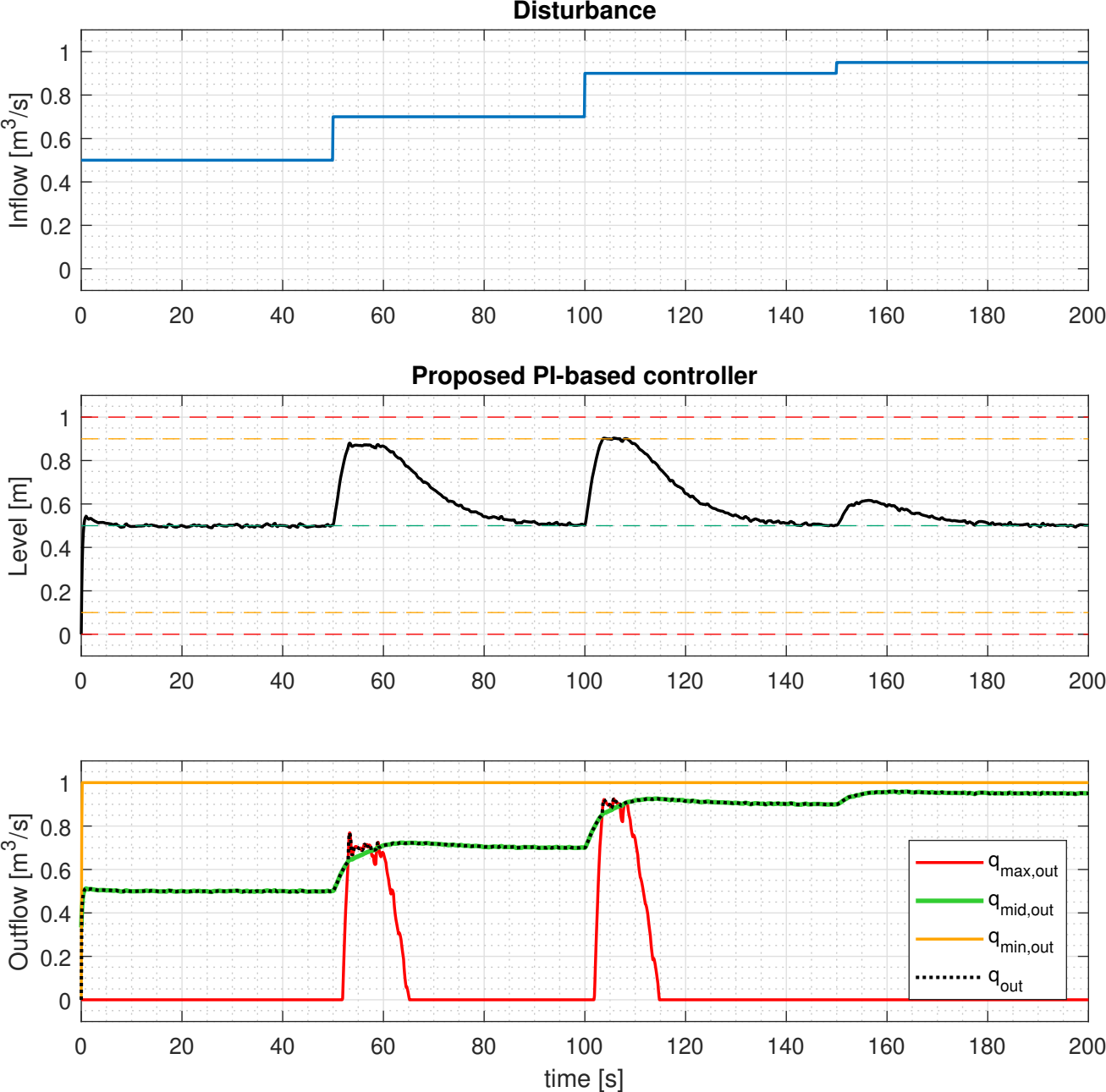
Disturbance
Inflow [m3/s]
0
0.2
0.4
0.6
0.8
1
0
20
40
60
80
100
120
140
160
180
200
Proposed PI-based controller
Level [m]
0
0.2
0.4
0.6
0.8
1
0
20
40
60
80
100
120
140
160
180
200
Outflow [m3/s]
0
0.2
0.4
0.6
0.8
1
qmax,out
qmid,out
qmin,out
qout
0
20
40
60
80
100
120
140
160
180
200
time [s]