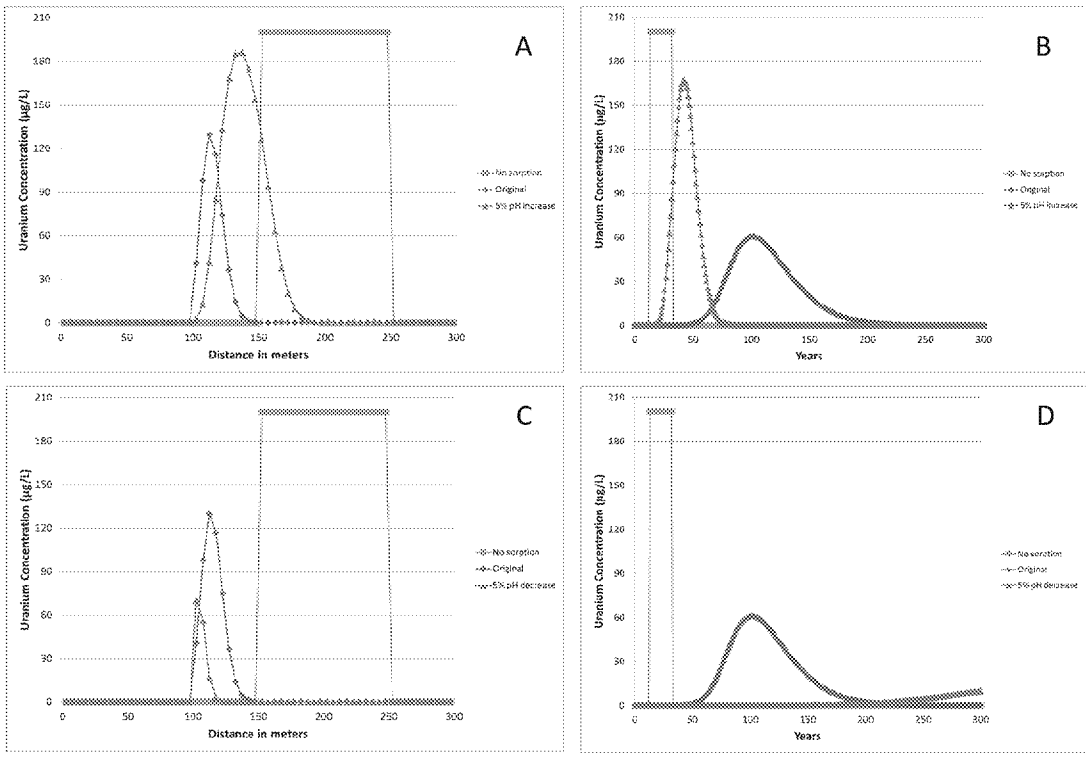
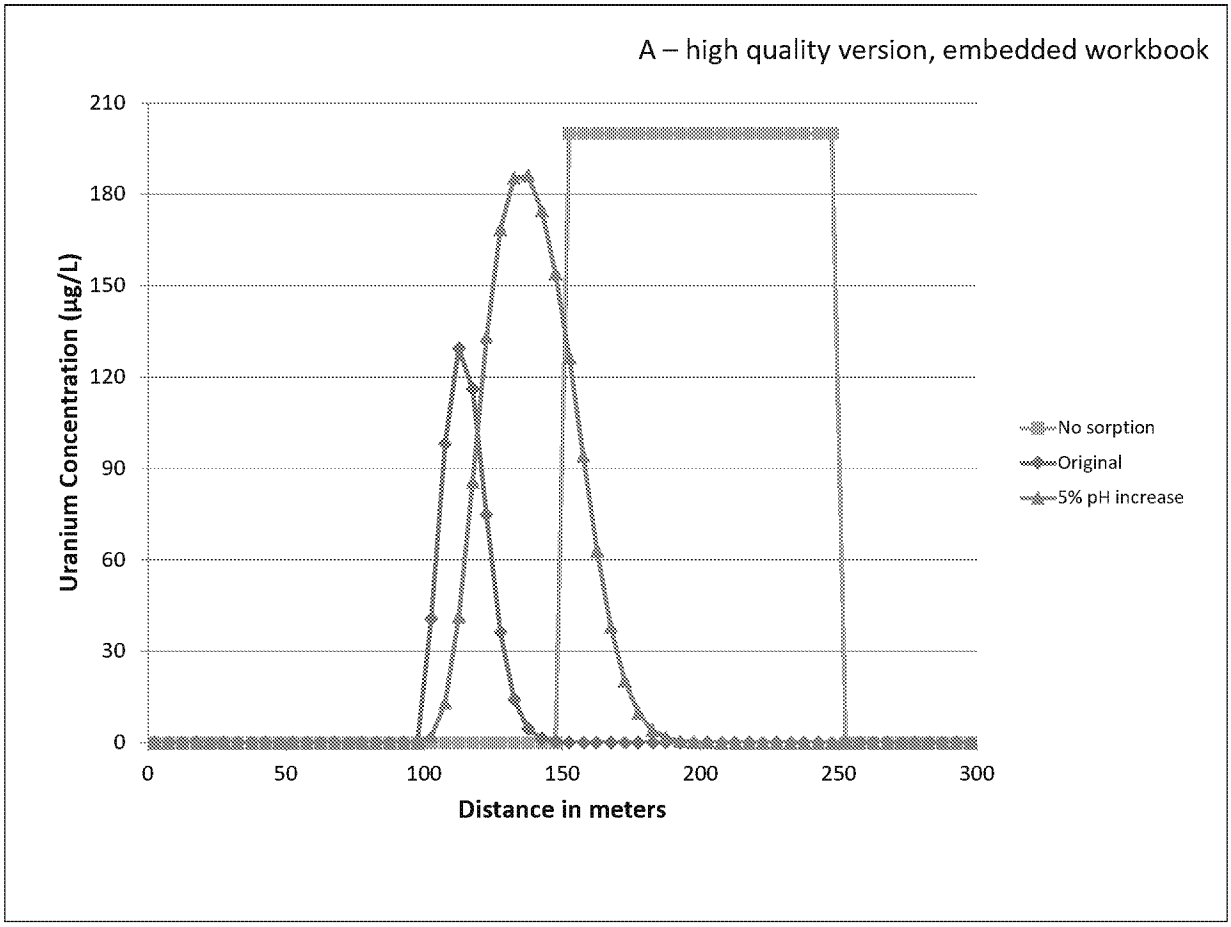
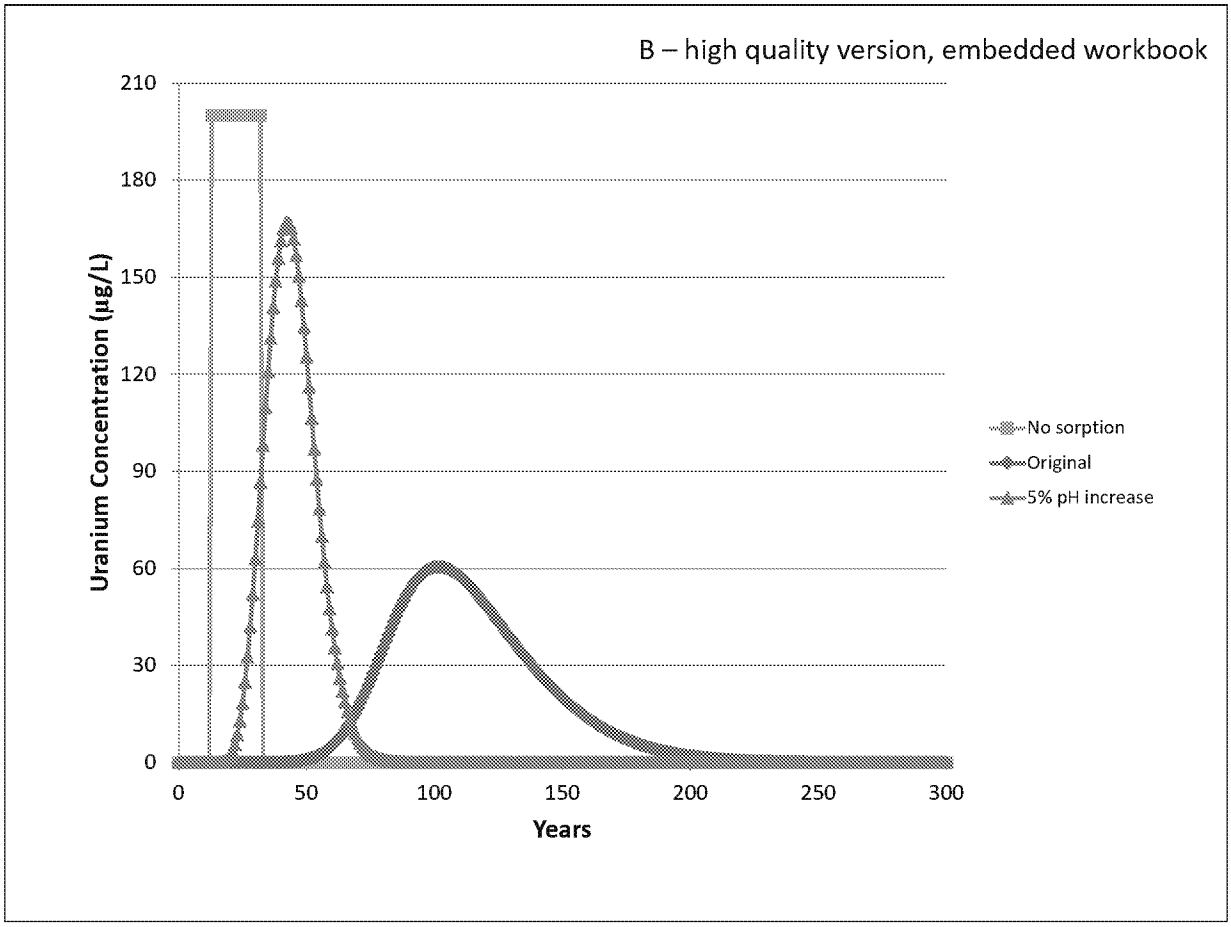
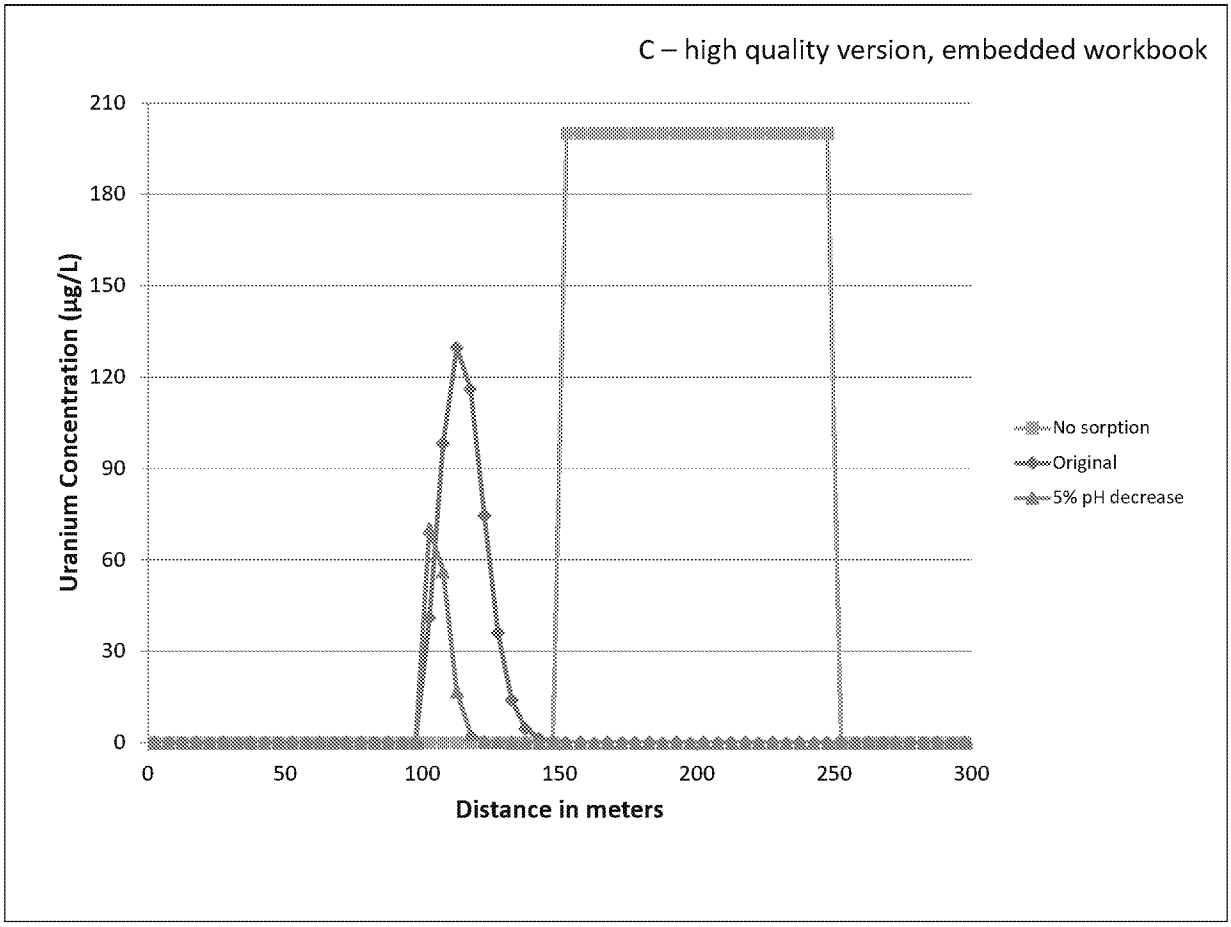
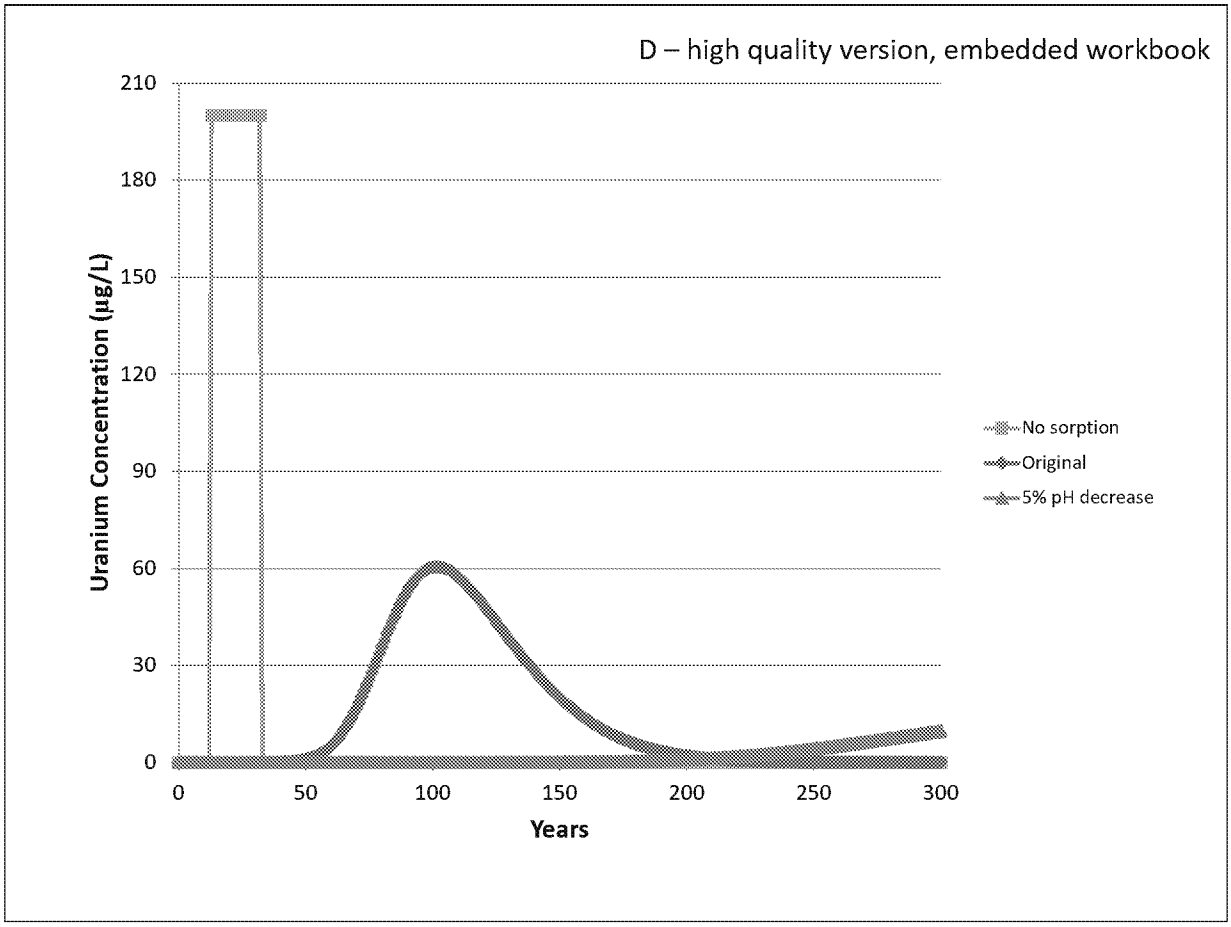


Fig. 8 Sample 11-14C-4, with a 5% increase in groundwater pH, 1D column at 30 years (A) and at monitoring well ring (B). Sample 11-14C-4, with a 5% decrease in groundwater pH, 1D column at 30 years (C) and at monitoring well ring (D) with calcite equilibrium. In all cases, original simulations from Fig. 6A and 6B are indicated.


A – high quality version, embedded workbook
Uranium Concentration (µg/L)
210
180
150
120
90
60
30
0
0
50
100
150
200
250
300
Distance in meters
No sorption
Original
5% pH increase


B – high quality version, embedded workbook
Uranium Concentration (µg/L)
210
180
150
120
90
60
30
0
0
50
100
150
200
250
300
Years
No sorption
Original
5% pH increase


C – high quality version, embedded workbook
Uranium Concentration (µg/L)
210
180
150
120
90
60
30
0
0
50
100
150
200
250
300
Distance in meters
No sorption
Original
5% pH decrease


D – high quality version, embedded workbook
Uranium Concentration (µg/L)
210
180
150
120
90
60
30
0
0
50
100
150
200
250
300
Years
No sorption
Original
5% pH decrease