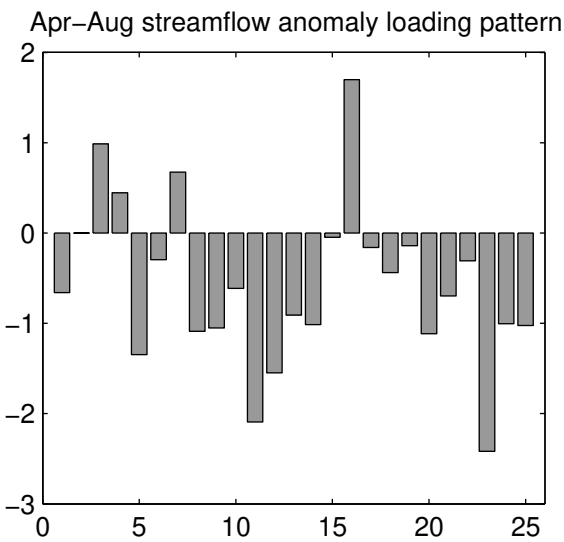
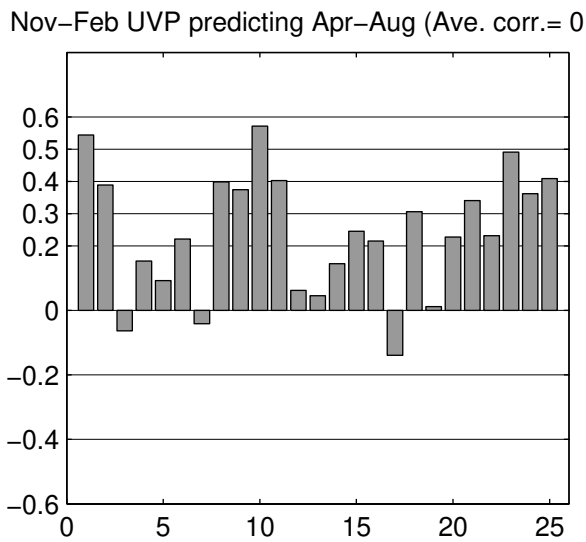
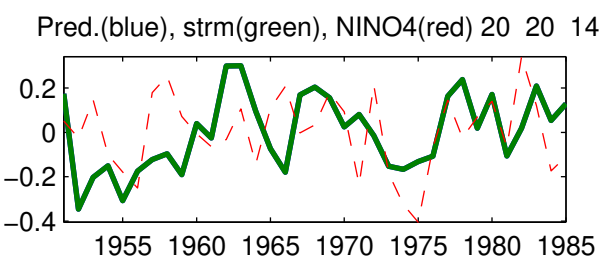
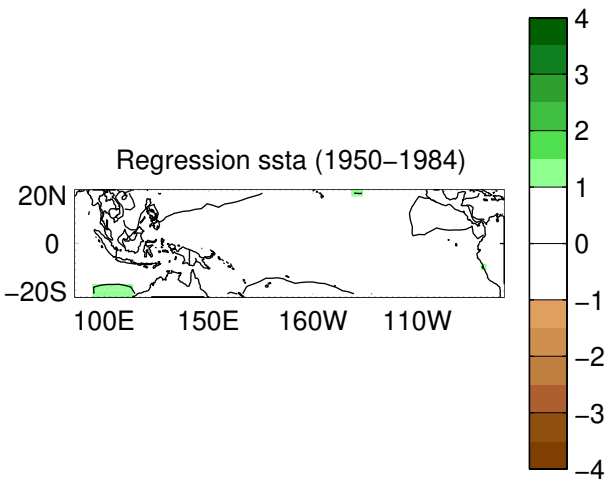
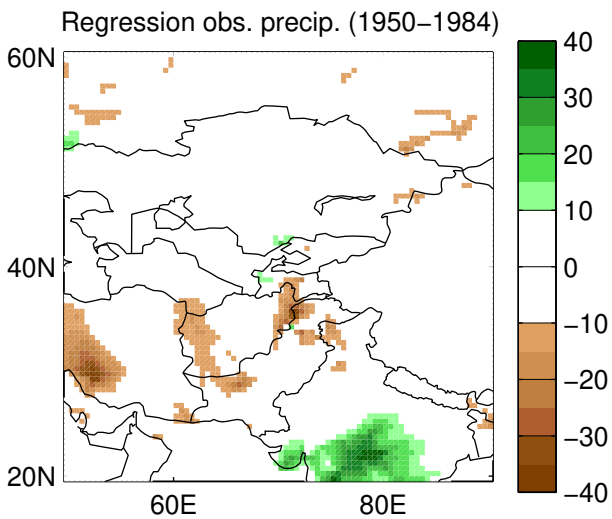
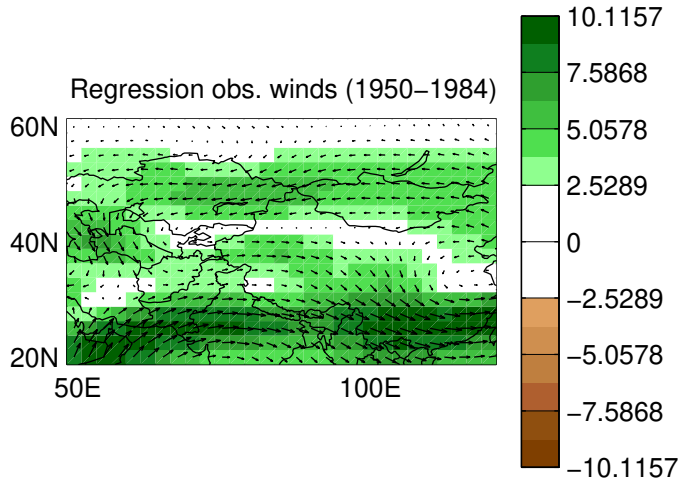

Apr–Aug streamflow anomaly loading pattern
2
1
0
−1
−2
−3
0
5
10
15
20
25

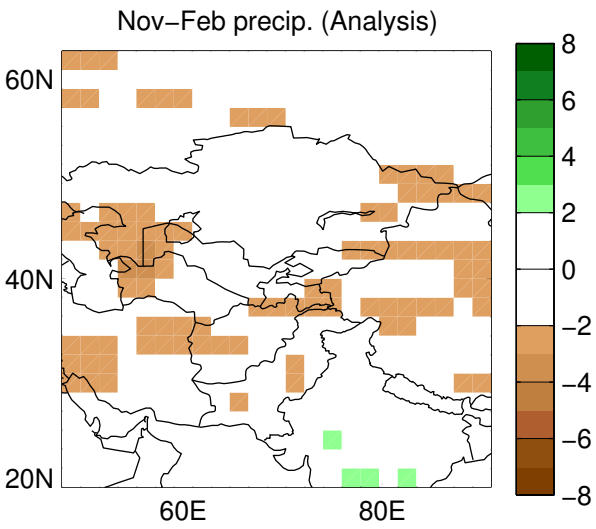

Nov–Feb UVP predicting Apr–Aug (Ave. corr.= 0.24)
0.6
0.5
0.4
0.3
0.2
0
−0.2
−0.4
−0.6
0
5
10
15
20
25

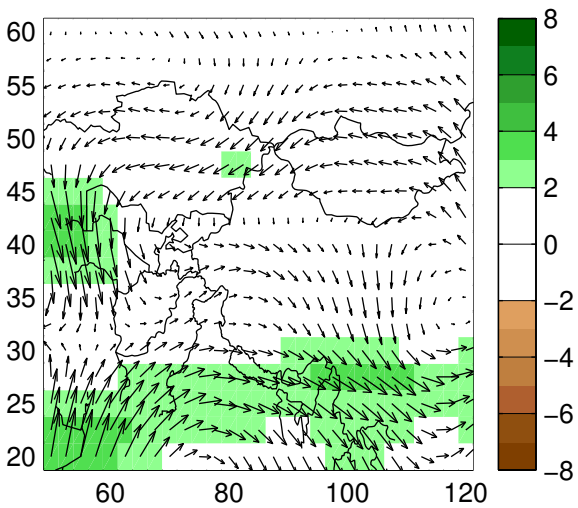

Pred.(blue), strm(green), NINO4(red) 20 20 14
0.2
0
−0.2
−0.4
1955
1960
1965
1970
1975
1980
1985


Regression ssta (1950–1984)
20N
0
−20S
100E
150E
160W
110W
4
3
2
1
0
−1
−2
−3
−4


Regression obs. precip. (1950–1984)
60N
40N
20N
60E
80E
40
30
20
10
0
−10
−20
−30
−40


Regression obs. winds (1950–1984)
60N
40N
20N
50E
100E
10.1157
7.5868
5.0578
2.5289
0
−2.5289
−5.0578
−7.5868
−10.1157


Nov−Feb precip. (Analysis)
60N
40N
20N
60E
80E
8
6
4
2
0
−2
−4
−6
−8


60
55
50
45
40
35
30
25
20
60
80
100
120
8
6
4
2
0
−2
−4
−6
−8