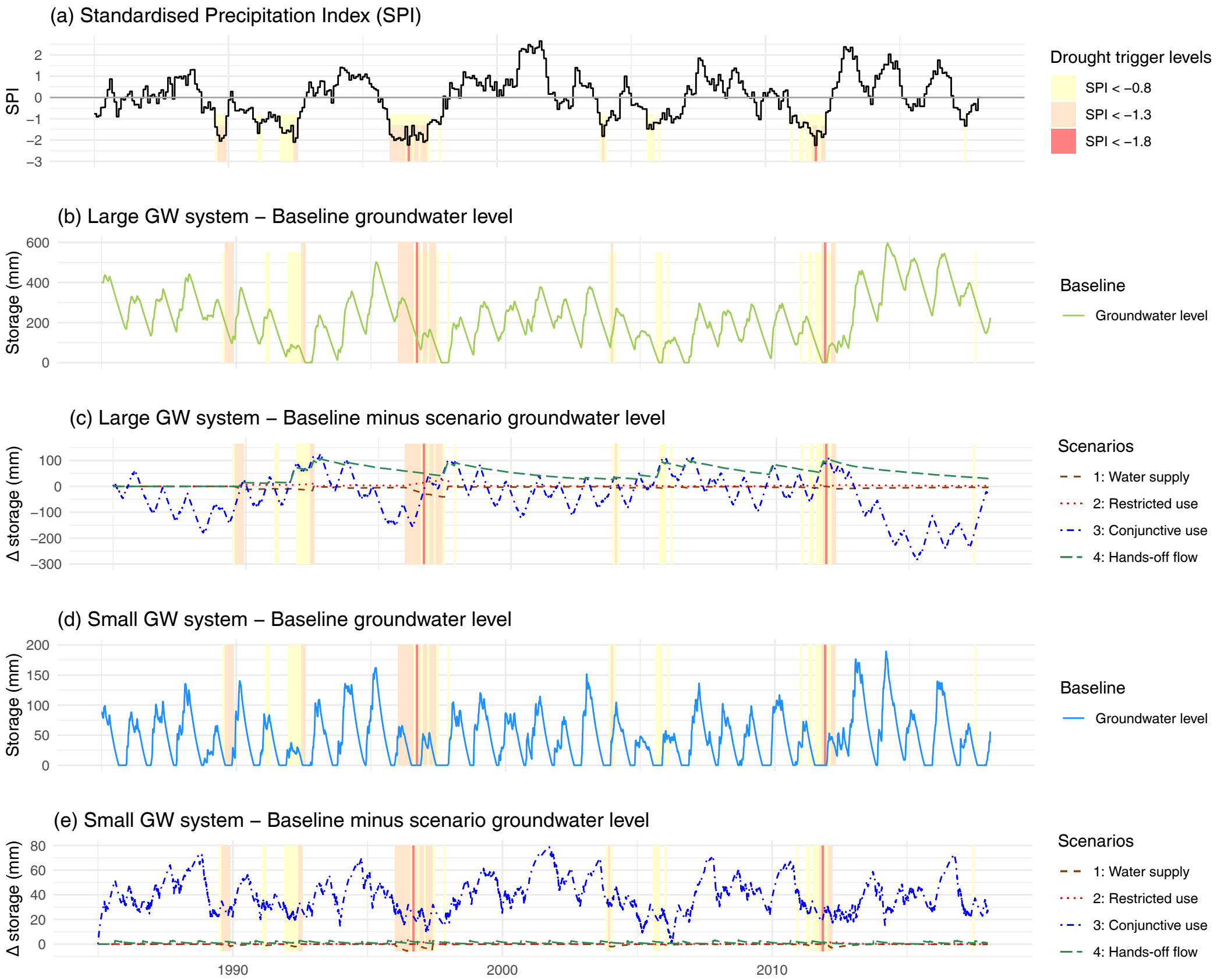
(a) Standardised Precipitation Index (SPI)
SPI
2
1
0
−1
−2
−3
Drought trigger levels
SPI < −0.8
SPI < −1.3
SPI < −1.8
(b) Large GW system – Baseline groundwater level
Storage (mm)
600
400
200
0
Baseline
Groundwater level
(c) Large GW system – Baseline minus scenario groundwater level
Δ storage (mm)
100
0
−100
−200
−300
Scenarios
1: Water supply
2: Restricted use
3: Conjunctive use
4: Hands-off flow
(d) Small GW system – Baseline groundwater level
Storage (mm)
200
150
100
50
0
Baseline
Groundwater level
(e) Small GW system – Baseline minus scenario groundwater level
Δ storage (mm)
80
60
40
20
0
Scenarios
1: Water supply
2: Restricted use
3: Conjunctive use
4: Hands-off flow
1990
2000
2010