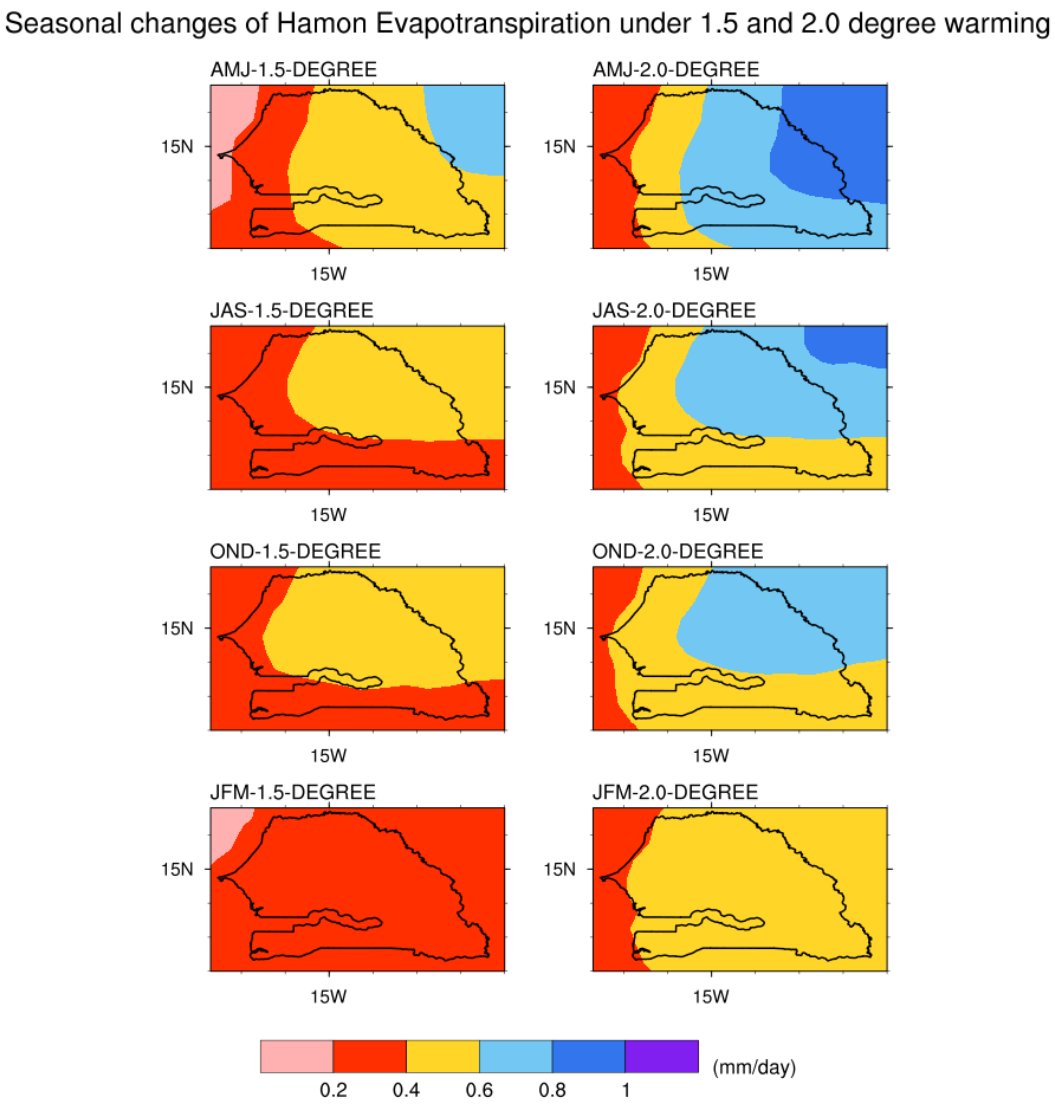

Figure S1: Seasonal Hamon Evapotranspiration changes (first row: April-May-June [AMJ], second row: July-August-September [JAS], third row: October-November-December [OND], fourth row: January-February-March [JFM]) under 1.5ºC (left column) and 2ºC (right column) GWLs

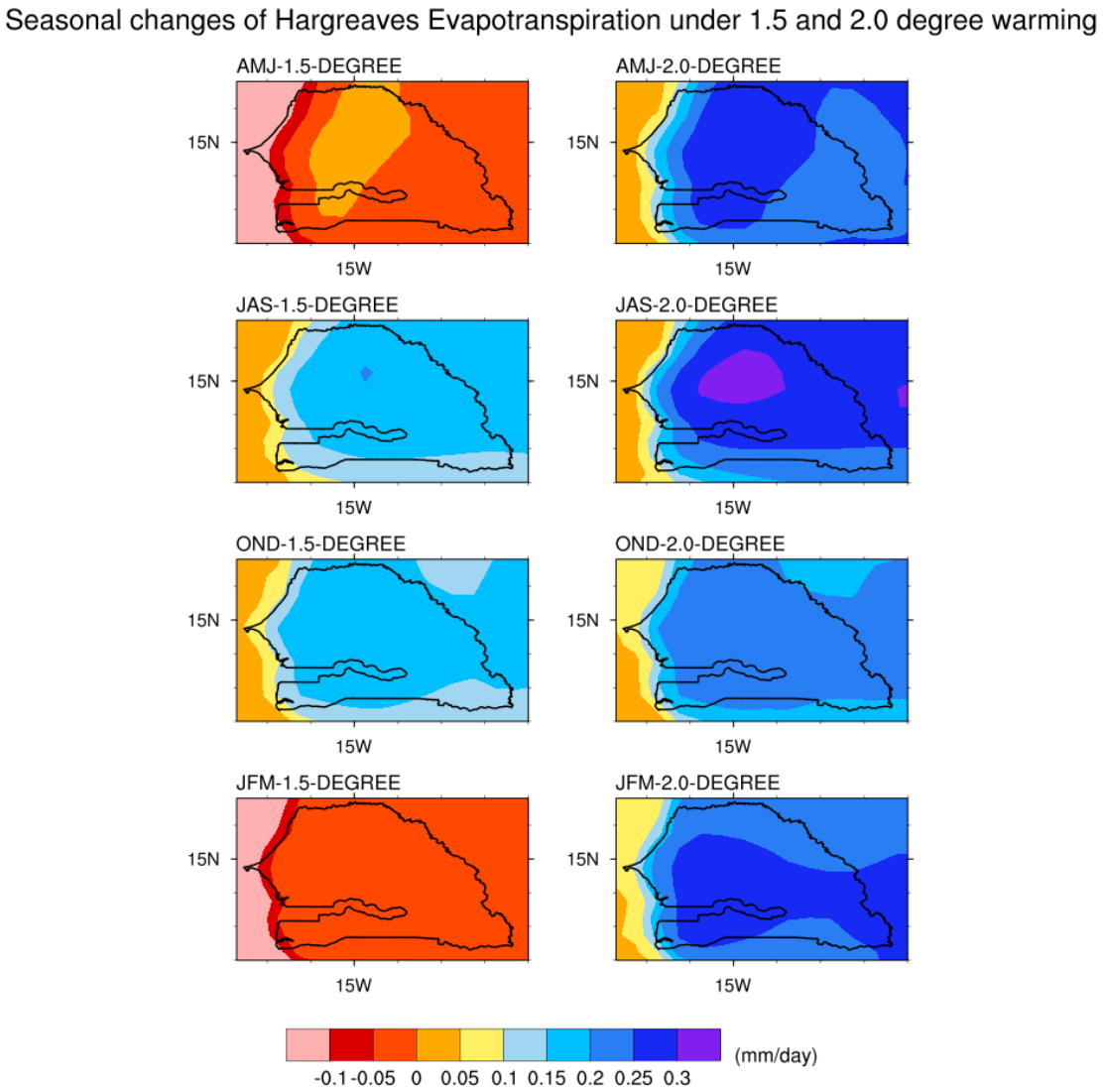

Figure S2: Seasonal Hargreaves Evapotranspiration changes (first row: April-May-June [AMJ], second row: July-August-September [JAS], third row: October-November-December [OND], fourth row: January-February-March [JFM]) under 1.5ºC (left column) and 2ºC (right column) GWLs

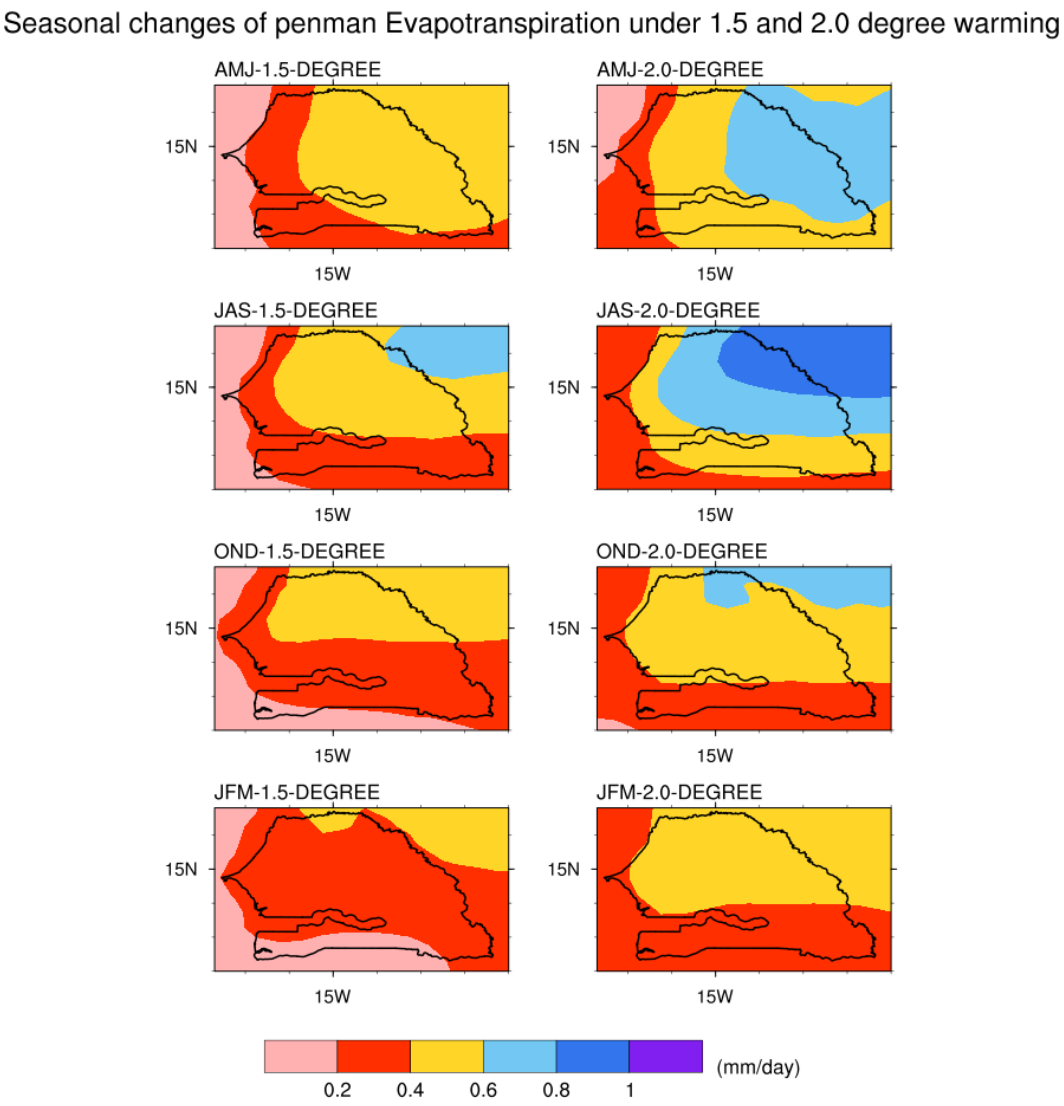

Figure S3: Seasonal Penman Evapotranspiration changes (first row: April-May-June [AMJ], second row: July-August-September [JAS], third row: October-November-December [OND], fourth row: January-February-March [JFM]) under 1.5ºC (left column) and 2ºC (right column) GWLs.

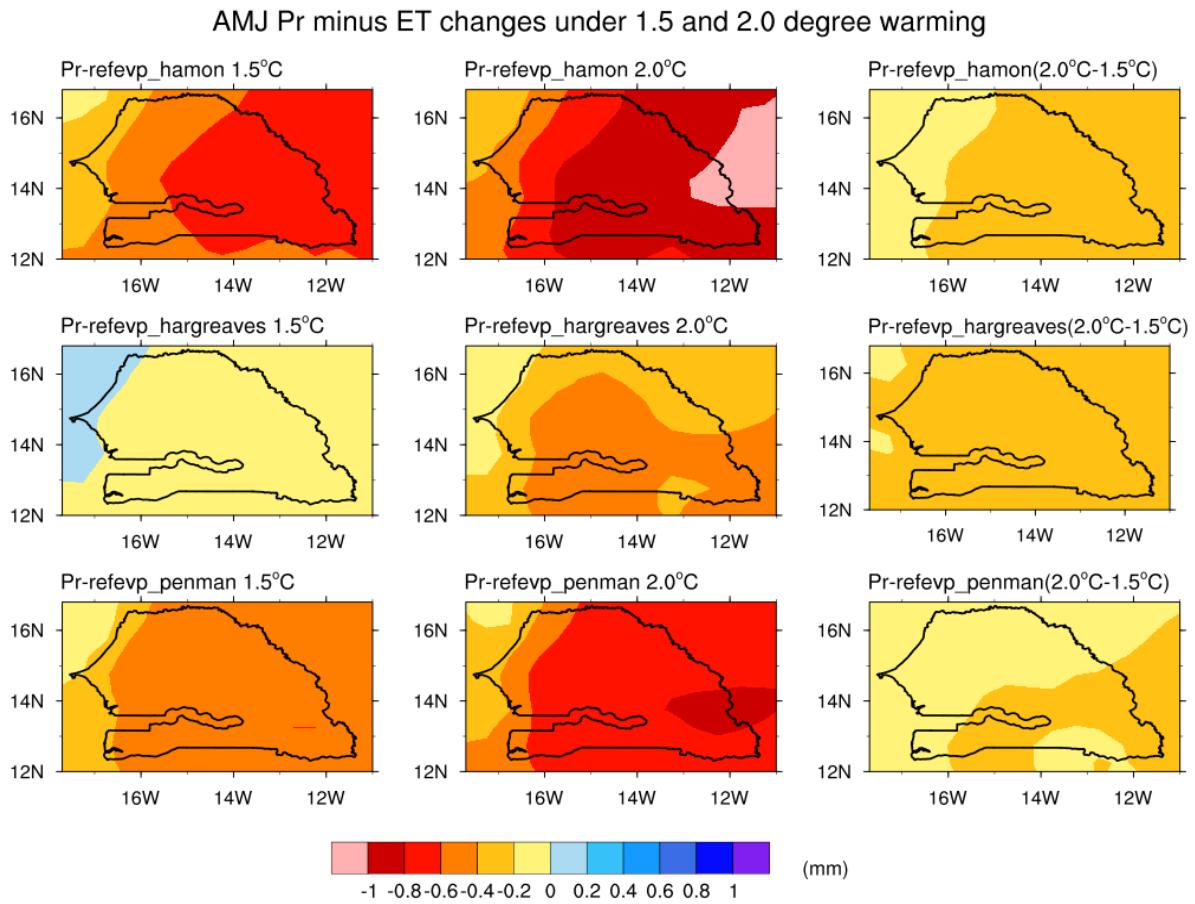

Figure S4: Seasonal water balance (Pr-ET, first row: Hamon, second row: Hargreaves, third row: Penman) changes under 1.5ºC (left column) and 2ºC (middle column) GWLs, and The column on the right provides the difference between 2.0ºC and 1.5ºC GWLs

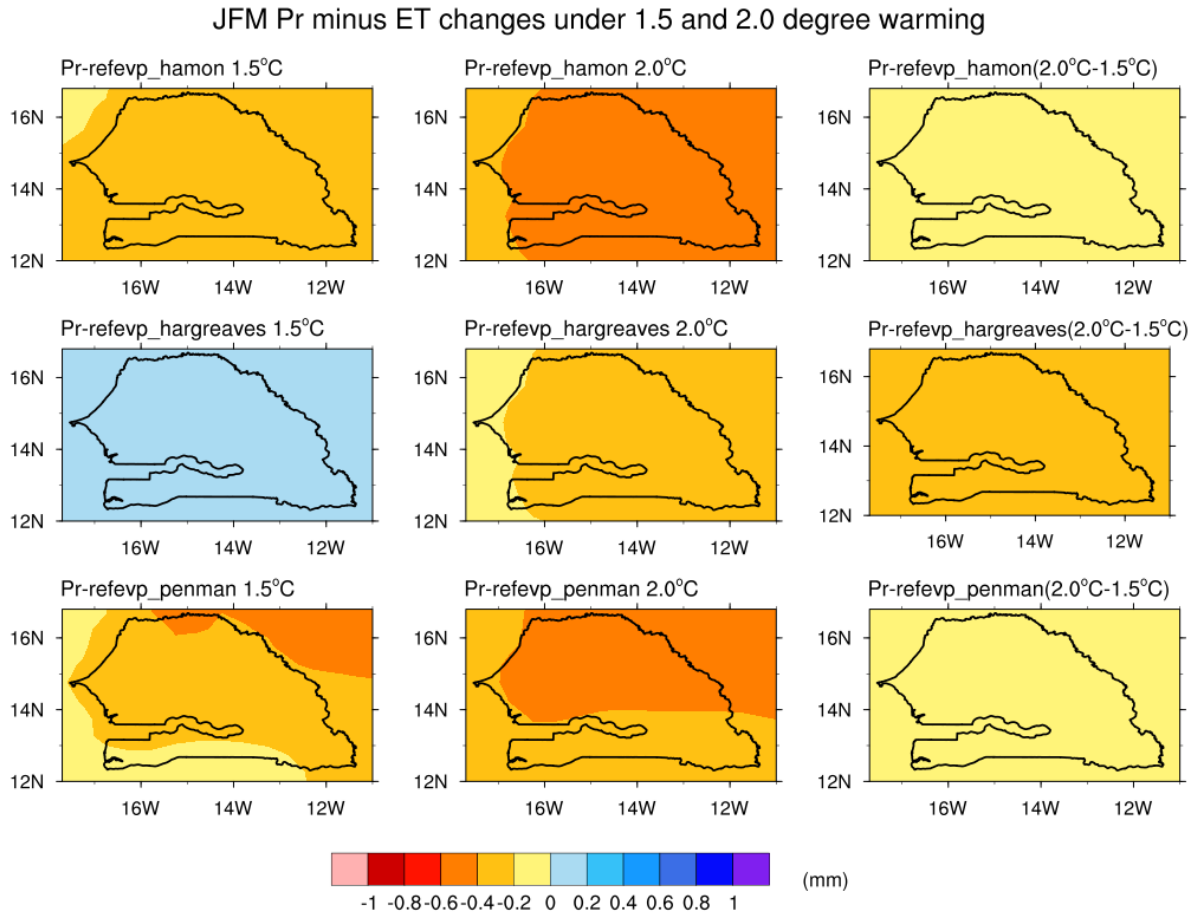

Figure S5: Seasonal water balance (Pr-ET, first row: Hamon, second row: Hargreaves, third row: Penman) changes under 1.5ºC (left column) and 2ºC (middle column) GWLs, and The column on the right provides the difference between 2.0ºC and 1.5ºC GWLs

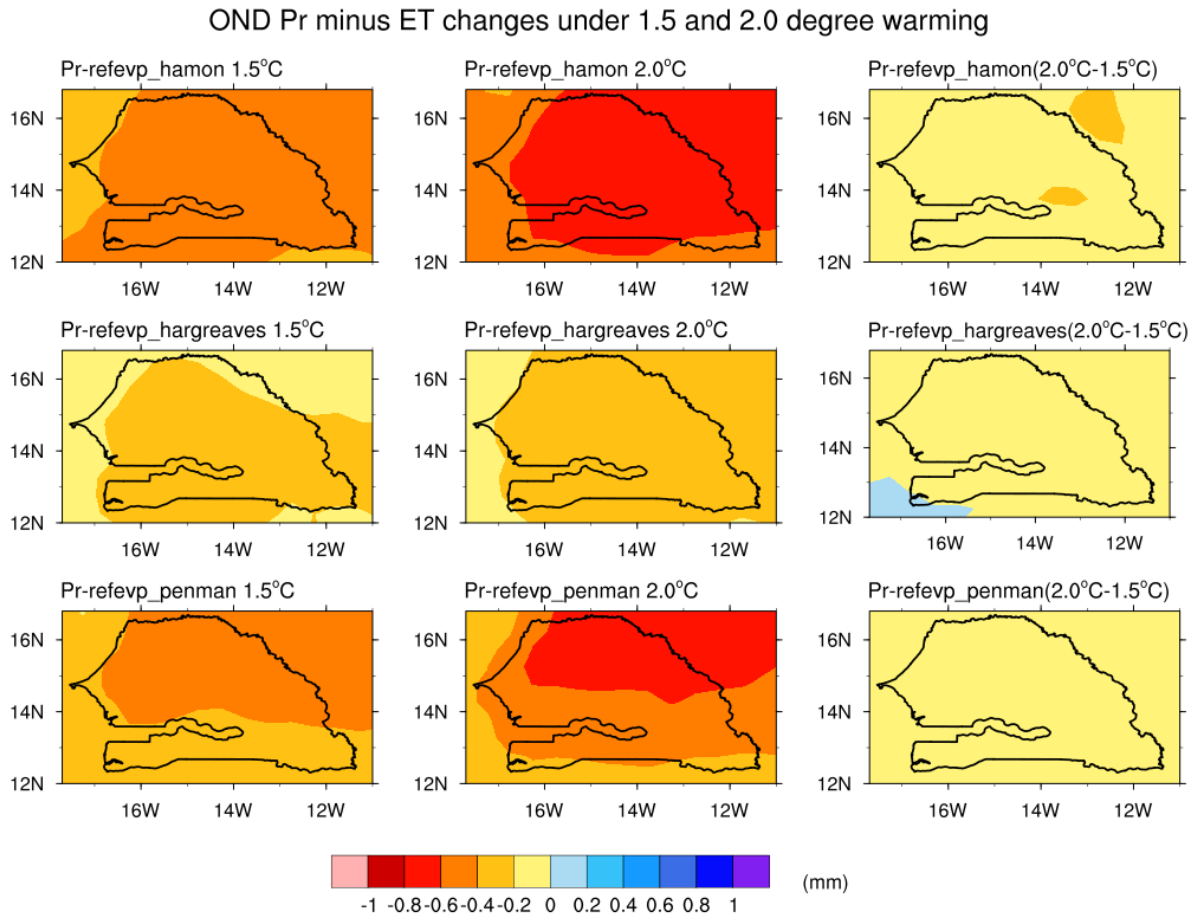

Figure S6: Seasonal water balance (Pr-ET, first row: Hamon, second row: Hargreaves, third row: Penman) changes under 1.5ºC (left column) and 2ºC (middle column) GWLs, and The column on the right provides the difference between 2.0ºC and 1.5ºC GWLs