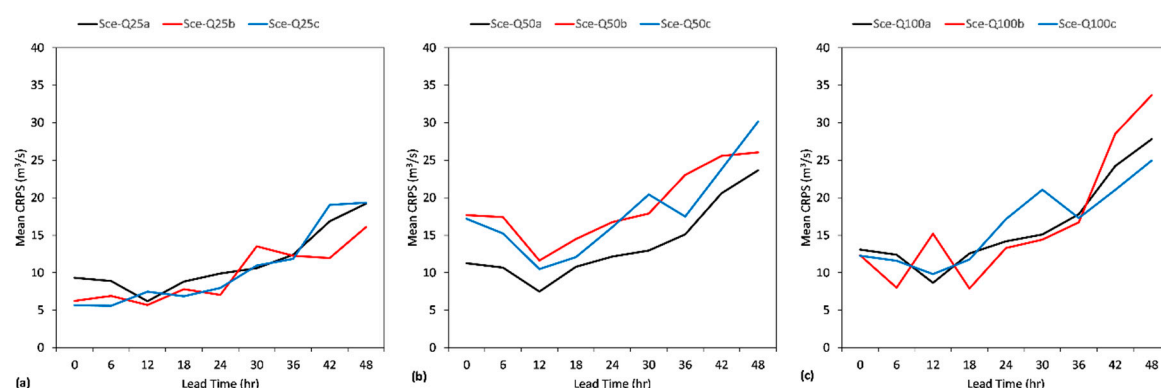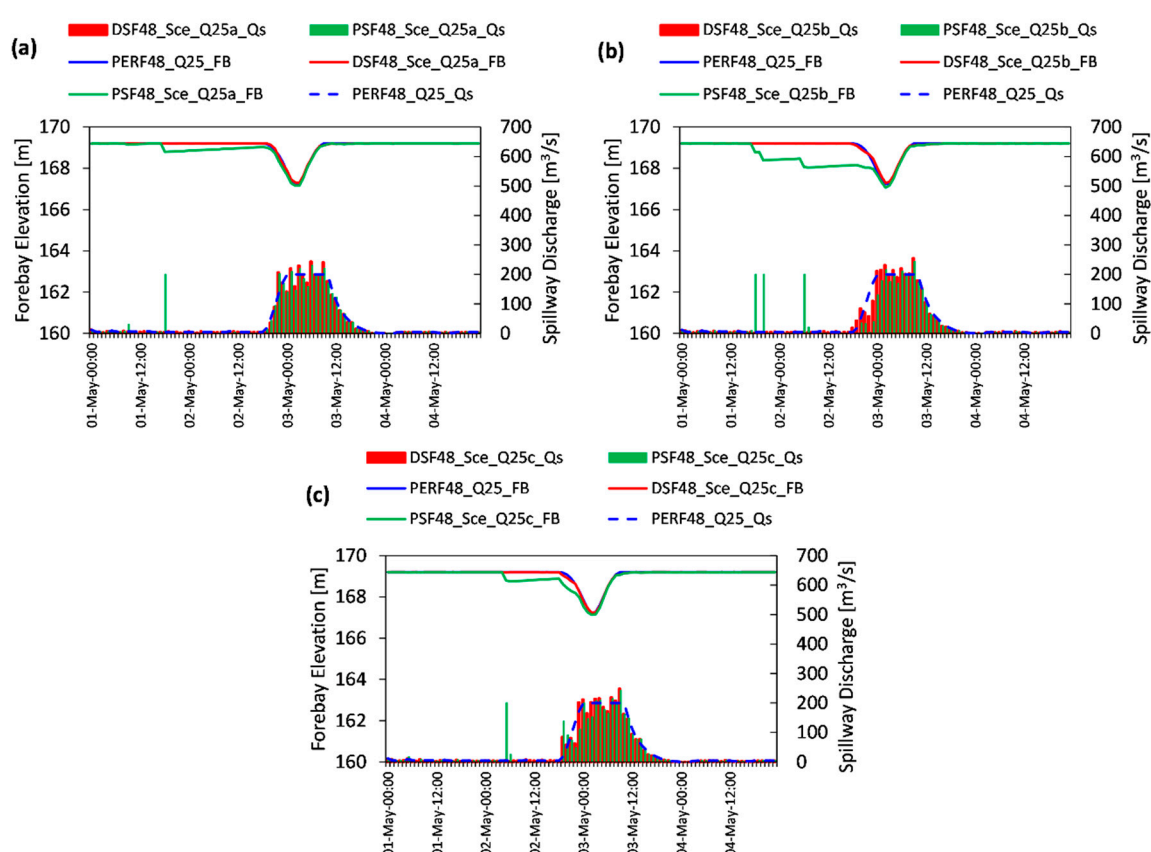# Supplementary Materials: Real-Time Flood Control by Tree-Based Model Predictive Control Including Forecast Uncertainty: A Case Study Reservoir in Turkey
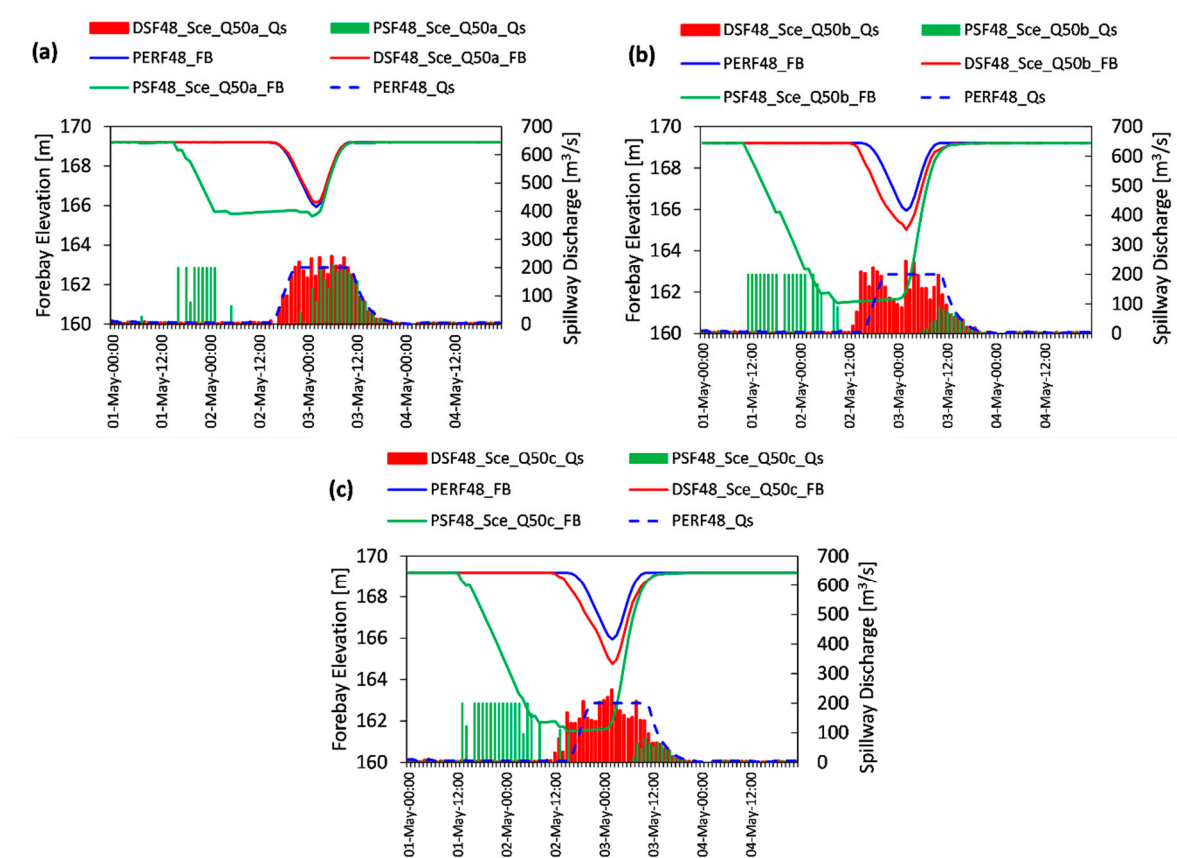
Gökçen Uysal, Rodolfo Alvarado-Montero, Dirk Schwanenberg and Aynur Şensoy

Figure S1. mean CRPS of ensemble scenarios: (a) Sce-Q25; (b) Sce-Q50; (c) Sce-Q100.

Figure S2. Comparison of deterministic (perfect and DSF) and stochastic (PSF) closed-loop MPC results with different forecast scenarios for Q_{25}: (a) Sce-Q25a; (b) Sce-Q25b; (c) Sce-Q25c.

Figure S3. Comparison of deterministic (perfect and DSF) and stochastic (PSF) closed-loop MPC results with different forecast scenarios for Q_{50}: (a) Sce-Q50a; (b) Sce-Q50b; (c) Sce-Q50c.