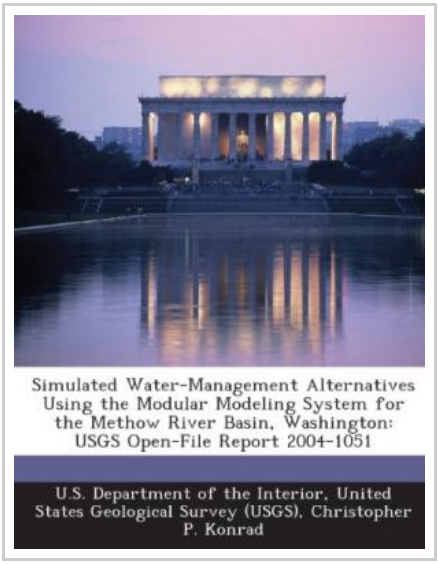

DOWNLOAD

Simulated Water-Management Alternatives Using the Modular Modeling System for the Methow River Basin, Washington: Usgs Open-File Report 2004-1051

By Christopher P Konrad

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.A precipitation-runoff model for the Methow River Basin was used to simulate six alternatives: (1) baseline of current flow, (2) line irrigation canals to limit seepage losses, (3) increase surface-water diversions through unlined canals for aquifer recharge, (4) convert from surface-water to ground-water resources to supply water for irrigation, and (5) reduce tree density in forested headwater catchments, and (6) natural flow. Daily streamflow from October 1, 1959, to September 30, 2001 (water years 1960?2001) was simulated. Lining irrigation canals (alternative 2) increased flows in the Chewuch, Twisp, and the Methow (upstream and at Twisp) Rivers during September because of lower diversion rates, but not in the Methow River near Pateros. Increasing diversions for aquifer recharge (alternative 3) increased streamflow from September into January, but reduced streamflow earlier in the summer. Conversion of surface-water diversions to ground-water wells (alternative 4) resulted in the largest increase in September streamflow of any alternative, but also marginally lower January flows (at most -8 percent in the 90-percent exceedence value). Forest-cover reduction (alternative 5) produced large increases in streamflow during high-flow periods...

Reviews

The most effective ebook i at any time study. It can be writter in easy words and phrases and not difficult to understand. I am just pleased to let you know that this is the finest publication i have read within my individual lifestyle and could be he finest publication for at any time.

-- ***Tania Mosciski***

Simply no phrases to describe. It is amongst the most awesome pdf we have read through. Your life period will probably be transform as soon as you complete looking over this publication.

-- ***Torrance Skiles***