The Need for a Virtual Hydrologic Laboratory for PUB

1. PUB, hydrological processes, hydrologic laboratory, virtual reality, understanding, the State of the Art, basins, catchment, International Perspectives, Idaho, Kirchner, water quality, land surface, virtual laboratory, Water Resour Res, virtual laboratory, hypotheses, predictions, Paradise Creek, Eric Wood, hydrological variability, IAHS PUB, Quantitative Water Management Group, hydrological conditions, Wageningen University, hydrologic response, Water Resour, water chemistry, Washington water quality, measurements, Land Data Assimilation Systems, References Benson, Res, surface runoff, Observational data, Gauging station, laboratory, the watershed, land surface models, Wageningen Institute for Environment and Climate Research, data integration, moisture variability, creek flows