**PE Exam Free Study Materials -** WATER RESOURCES AND ENVIRONMENTAL:

**Hydrology**

[http://dpw.lacounty.gov/wrd/Publication/engineering/2006\_Hydrology](http://dpw.lacounty.gov/wrd/Publication/engineering/2006_Hydrology_Manual/2006%20Hydrology%20Manual-Divided.pdf)

[\_Manual/2006%20Hydrology%20Manual-Divided.pdf](http://dpw.lacounty.gov/wrd/Publication/engineering/2006_Hydrology_Manual/2006%20Hydrology%20Manual-Divided.pdf)

**Modified Rational Method**

<http://njscdea.ncdea.org/The%20Modified%20Rational%20Method.pdf>

**Open channel hydraulics**

<http://w.ahm531.com/E-book/Uploaded/Open%20Channel%20Hydraulics%20by%20John%20Fenton.pdf>

**Culvert design**

<http://www.deldot.gov/information/pubs_forms/manuals/bridge_design/pdf/bdm-07-culvert-design.pdf>

**Hardy-Cross**

<http://www.cee.mtu.edu/~vgriffis/CE%203620%20materials/CE3620-Handouts/CE3620_Lec9_Pipe%20Networks.pdf>

**Bernoulli-equation**

<http://faculty.trinityvalleyschool.org/hoseltom/lesson%20plans/Lesson%2061-Derivation%20of%20Bernoullis%20Equation.pdf>

<http://uqu.edu.sa/files2/tiny_mce/plugins/filemanager/files/4282164/Bernoulli.pdf>

**Darcy-Weisbach**

<http://www.pipeflow.com/public/documents/Darcy_Weisbach_Formula.pdf>

**Sediment & erosion control**

<http://www.epa.gov/region6/6en/w/sw/sediment.pdf>