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Advising Theses

TİĞREK Ş., Laboratory investigation of hydraulic efficiency of transverse grates in roads, Postgraduate, C.Özbey(Student), 2015

TİĞREK Ş., Optimisation of the Tigris river hydropower system operations, Doctorate, E.Yalçın(Student), 2015

TİĞREK Ş., Capacity determination of pumped storage projects using market electricity prices, Postgraduate, S.Çetinkaya(Student), 2014

TİĞREK Ş., Numerical modelling of continuous transverse grates for hydraulic efficiency /, Postgraduate, B.Sezenöz(Student), 2014

TİĞREK Ş., Comparative study on the orifice induced velocity field /, Postgraduate, S.Çelebi(Student), 2014

TİĞREK Ş., Market development of renewable energy in Turkey, Postgraduate, H.Gence(Student), 2013

TİĞREK Ş., Sustainability assessment of a hydropower project: a case study of Kayraktepe dam and Hepp, Postgraduate, A.Öztürk(Student), 2011

TİĞREK Ş., Scrutinization of flow characteristics through orifices, Postgraduate, T.Yıldırım(Student), 2010

TİĞREK Ş., Ilısu Dam and HEPP, investigation of alternative solutions, Postgraduate, E.Yalçın(Student), 2010

TİĞREK Ş., Kayraktepe dam and HEPP, environmentally acceptable alternative solution, Postgraduate, Ö.Sever(Student), 2010

TİĞREK Ş., Measurements of velocity profiles by using particle image velocimeter, Postgraduate, O.Kemalli(Student), 2009

TİĞREK Ş., Cost anaysis of sediment removal techniques from reservoir, Postgraduate, T.Aras(Student), 2009

TİĞREK Ş., Comparative study on sediment transport equations for delta formations in reservoirs, Postgraduate, B.Pulcuoğlu(Student), 2009

TİĞREK Ş., Experimental analysis of the flow through a bottom outlet on the threshold of motion of particles, Postgraduate, Ö.Göbelez(Student), 2008

TİĞREK Ş., Experimental study of single and multiple outlets behavior under constant head, Postgraduate, İ.Çobanoğlu(Student), 2008

TİĞREK Ş., Calibration of a grate on a sloping channel, Postgraduate, S.Özgür(Student), 2006

TİĞREK Ş., Management of reservoir sedimentation case studies from Turkey, Postgraduate, O.Kağan(Student), 2006

TİĞREK Ş., The behaviour of flow in the immediate vicinity of a sloping rectangular channel with free overfall, Postgraduate, İ.Kutlu(Student), 2005

TİĞREK Ş., Effect of roughness on flow measurements in sloping rectangular channels with free overfall, Postgraduate, C.Ersen(Student), 2004

TİĞREK Ş., Flow measurements in sloping rectangular channels with free overfall, Postgraduate, Ç.Kuşcu(Student), 2002

TİĞREK Ş., Numerical implementation of culvert design methods., Postgraduate, E.Tosun(Student), 2002

TİĞREK Ş., Potential flow solution for the free overfall, Postgraduate, D.Özsaraç(Student), 2001

TİĞREK Ş., Investigation of boundary conditions in oscillatory flows, Postgraduate, C.Dinç(Student), 2001

Published journal articles indexed by SCI, SSCI, and AHCI

I. Rehabilitation of storm water collection systems of urban environment using the small roads as conveyance channels

TİĞREK Ş., Sipahi S. O.

INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, vol.9, no.1, pp.95-103, 2012 (SCI-Expanded)

II. Analysis of experimental data sets for local scour depth around bridge abutments using artificial neural networks

ŞARLAK N., TİĞREK Ş.

WATER SA, vol.37, no.4, pp.595-602, 2011 (SCI-Expanded)

III. Implementation of physical boundary conditions into computational domain in modelling of oscillatory bottom boundary layers

TİĞREK Ş., YILMAZ B.

INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN FLUIDS, vol.64, no.9, pp.973-991, 2010 (SCI-Expanded)

IV. Use of brink depth in discharge measurement

TİĞREK Ş., Firat C. E., Ger A. M.

JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING, vol.134, no.1, pp.89-95, 2008 (SCI-Expanded)

Articles Published in Other Journals

I. Regional energy trading-a new avenue for resolving a regional water dispute?

Scheuman W., TİĞREK Ş.

INTERNATIONAL JOURNAL OF WATER GOVERNANCE, vol.3, no.1, pp.49-69, 2015 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

I. A numerical procedure for the solution of oscillatory turbulent boundary layer flow by control-volume approach

Tigrek S., Isobe M.

7th International Conference on Hydraulic Engineering Software (Hydrosoft 98), VILLA OLMO, Italy, 01 September 1998, vol.4, pp.557-566

Metrics

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Citation (WoS): 14
Citation (Scopus): 15
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H-Index (Scopus): 2