

REFERENCES

- Neill C.R. (1973), "**Guide to Bridge Hydraulics**", *University of Toronto Press, Toronto, Canada.*
- NRI, (1989): "**River Nile Bank Erosion and Protection Methods**", Working Paper 200-7- Nile Research Institute, National Water Research Center, Cairo, Egypt.
- NRI, (1992), "Impact of Water Resources Projects on the Nile in Egypt", Motassem, M., Editor-in-Chief, Nile Research Institute, Cairo.
- Chow, V. T., (1959), "**Open Channel Hydraulics**," *McGraw-Hill Book Co., Inc., New York, N.Y.*
- Cowan, W. L., (1956), "**Estimating Hydraulic Roughness Coefficients**," *Agricultural Engineering, Vol. 37, No. 7, pp. 473-475, July.*
- Fukuoka, S. and Watanabe, A., (1993), "**Analysis of the Flow and Bed Profile in a Curved Channel with Vane Array**," *Proc. of 25th IAHR Congress and Japan Society of Civ. Eng. Flood and Drought, pp. 455-462.*
- Ibrahim, A. A., and Salih, A. M. A., (1983), "**Gash River Behavior and Training, River Meandering**," *Proceeding of the Conference Rivers '83, New Orleans, Louisiana, October 24-26.*
- Klaassen, G. J. and Ahmed, A. F., (2003), "**River Bed Regulation Works**," *Lecture Notes, Hydraulic Research Institute Regional Training Course in Hydraulic Engineering. HRI, 19.*
- Lee, J. K. and Froehlich, D. C., (1986), "**Review of Literature on the Finite-Element Solution of the Equations of Two-Dimensional Surface-Water Flow in the Horizontal Plane**," *U.S. Geological Survey Circular 1009, Washington, D. C.*
- Mesbahi, J., (1992), "**On Combined Scour Near Groins in River Bends**," *M. Sc. Thesis Report HH 132., Delft Hydraulics, International Institute for Hydraulic and Environmental Engineering, Delft, Netherlands, July.*
- Nanson, G. C. and Hickin, E. J., (1986), "**Channel Migration and Incision on the Beatton River**," *Journal of Hydraulic Engineering, ASCE, 109(3), pp. 327-337, March.*

- Odgaard, A. J. and Mosconi, C. E., (1987), "**Stream Bank Protection by Submerged Vanes**," *j. Hydraul. Div. ASCE*, 113(HY4), pp. 520-536, April.
- Odgaard, A. J., and DeWitt, R. J., (1989) "**Sediment Control by Submerged Vanes**," *Proc. 20th Annual Conference of the International Erosion Control Association, Vancouver, British Columbia, Canada, Feb. 16-17.*
- Potapov, M. B., (1951), "**Collected Works of Potapov**," *Chinese Translation by Office of Hydraulic Engineering Research Academic.*
- Saele, L. M. and Derrick, A., (1994), "**Guidelines for the Design of Stream Barbs**," *Stream Bank Protection and Restoration Conference*, 22-24 sep. 1994, SCS-WNTC, Portland, OR.
- Searcy, J. K., (1967), "**Use of Riprap for Bank Protection**," *Hydraulic Engineering Circular No. 11, Bureau of Public Roads, (Federal Highway Administration), U.S. Department of Transportation, June.*
- Shields, I. A., (1936), "**Application of Similarity Principles and Turbulence Research to Bed-Load Movement**," *A Translation from the German by W. P. Ott and J. C. van Vchelin, U.S. Soil Conserv. Service Coop. Lap., California Inst. Technology, Pasadena, 21 p.*
- Yalin, W., (1991), "**Sediment Control with Submerged Vanes**," *A Thesis Submitted in Partial Fulfillment of the requirements for the Doctor of Philosophy Degree in Civil and Environmental Engineering in the Graduate College of the University of Iowa.*
- H.M. Ismail (1990), "**State of the Nile after the High Dam**" *National Seminar on "Physical Response Of The River Nile To Interventions" Cairo, 12-13 November, 1990.*
- Brien R Winkley (1990), "**River sediment control and channel stabilization**" *National Seminar on "Physical Response Of The River Nile To Interventions" Cairo, 12-13 November, 1990.*
- M El-Korany (1990), "**Estimating the dredging down stream of Barrages on the Nile River using mathematical models**" *National Seminar on "Physical Response Of The River Nile To Interventions" Cairo, 12-13 November, 1990.*
- B. Masse, A. El-Bahrawy and M El-Korany (1990) "**an Appraisal of numerical river models**" *from National Seminar Cairo – Egypt (Physical Response of the River Nile to interventions).*
- V. Galay, M abdlbary and K. Wahba(1990) "**Degradation on the river nile in Egypt**" *National Seminar on "Physical Response Of The River Nile To Interventions" Cairo, 12-13 November, 1990.*

- M. Nadar and A. Mercer (1990) **“The estimation of water requirments in Egypt”** *National Seminar on "Physical Response Of The River Nile To Interventions" Cairo, 12-13 November, 1990.*
- A. El-Khashab , Y.Marmoush and A. El-Bahrawy (1990) **“Two dimension model for river navigation Problems”** *National Seminar on "Physical Response Of The River Nile To Interventions" Cairo, 12-13 November, 1990.*
- M. M. Gasser, M. Bahaa Saad, Salah El-Shazly and Mahmoud Kamel (1990) **“Navigation problem at Selwa Bahry Aswaan”** *National Seminar on "Physical Response Of The River Nile To Interventions" Cairo, 12-13 November, 1990.*
- Abdel Bary, M.,(1992), *River Regime of the Nile in Egypt, River Nile Protection and Development Project, Cairo.*
- Chang, Howard H., (1988),: " **Fluvial processes in river engineering**", A book published by Wiley- Interscience publication, Jonhn Wiley & Sons, Inc. ISBN 0-471-63139-6.
- Sadek, N., (2002): **"Lake Naser Flood Analysis"**, *Thesis submitted to Ph.D. degree, Ain Shams University, Faculty of Engineering.*
- Wail A. Fahmy (2006) **“IMPROVING FLOW CONDITIONS ALONG INNER CURVE OF RIVER BENDS”** *A Thesis Submitted for the Fulfillment of the Requirements for the Master Degree In Civil engineerin.*
- M. El-Sayed M. (2006) **“STUDY OF ENVIRONMENTAL IMPACT OF MORPHOLOGICAL CHANGES FOR RIVER NILE IN KASR EL-NILE AREA”** *A thesis Submitted for the Partial Fulfillment Of The Requirements for the Master Degree In Environmental Science Department of Engineering ScienceInstitute of Environmental Studies and ResearchAin Shams University*
- Arcement, G. J., and Schneider, V. R., (1984). **“Guide for Selecting Manning's Roughness Coefficients for Natural Channels and Flood Plains.”** *Report No. FHWA-TS-84-204, Federal Highway Administration, McLean, Virginia.*
- Barnes, H. H., (1967),**“Roughness Characteristics in Natural Channels,”** U.S. Geological Survey Water Supply Paper 1849