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Biography	<p>B.Sc. in Civil Engineering (1967), Alexandria University, Alexandria, Egypt.</p> <p>M.Sc. in Civil Engineering (1973), Alexandria University, Alexandria, Egypt.</p> <p>Ph.D. in Applied Science (Civil Engineering, Soil Mech.) (1978), Sheffield University, England.</p>
Research Interests	<p>Soil Mechanics</p>
Publications	<p>A paper entitled “Analysis for Uplift Resistance in Soils under Water Structures” Published in the Tenth Annual Conference on Statistics and Computer Science, Cairo, Egypt, 4-9 May 1974.</p> <p>Two papers entitled “A Study of Groundwater and Soil Formation Along Alexandria City” part 1 & 2, published in the Bulletin of the Faculty of Engineering, Alexandria University Vol. 19, August 1981. pp(509-530) , (531-552).</p> <p>A paper entitled “Overall Stability of Anchored Retaining Walls, published in the Journal of Geotechnical Engineering, Proceedings of the ASCE, Vol. 109, No. 11, November 1983. pp(1418-1433).</p>

A paper entitled “Pull Out Resistance of Horizontal Multiplate Anchors”, Published in the Sixth Budapest Conference on Soil Mechanics and Foundation Engineering, Budapest 1984. pp(443-450).

A paper entitled “Study of Curved Embankments in Transition Zones”, Published in the Bulletin of the Faculty of Engineering, Ain Shams University, Cairo, Vol. 22, No1, 1988. pp(121-143).

A paper entitled “Canal Constructions in High Groundwater Conditions”, Published in the Bulletin of the Faculty of Engineering, Ain Shams University, Cairo, Vol. 22, No. 1, 1988. pp(74-91).

A paper entitled “Geometrical Configuration of Straight Embankments in Transition Zones”, Published in the Bulletin of the Faculty of Engineering, Alex. Univ. Vol. 27, No. 2, 1988. pp(163-178).

A paper entitled “Approximate Solution for Gravity Flow Under a Tainter Gate”, published in the journal of Computational and Applied Mathematics, Belgium, No. 26, 1989. pp(271-279).

A paper entitled “Accurate Methods of Curve Setting, Assessment and Comparison”, published in the Bulletin of the Faculty of Engineering, Alex. Univ. Vol.34, No.4, October 1995. pp(341-350).

A paper entitled “Comparative Study on The Accuracy of Layout of Transition Curves”, published in the Bulletin of the Faculty of Engineering,

Alex. Univ. Vol.34, No.4, October 1995. pp(351-356).

A paper entitled “Super – Critical Free Surface Flow over a Trapezoidal Obstacle”. Published in the Journal of Computational and Applied Mathematics, Belgium, No.66, 1996, pp(279-291).

A paper entitled “Soil Improvement of 30.000 Feddans at Sinai Peninsula Egypt” published in the 2nd International Conference on Ground Improvement Techniques, 7-10 October, 1998, Singapore. pp(41-46).

A paper entitled “A Newly Constructed Embankment Crossing Qattara Depression” published in the ASCE Regional Conference & International Symposium on Environmental Hydrology, 16-18 May 1999, Cairo, Egypt. pp(102-110).

A paper entitled “Evaluation of Accuracy in Curve Ranging by Linear Measurements” published in the Bulletin of the Faculty of Engineering, Alex. Univ. Vol.39 , No.5 , september 2000. pp(807-814).

A paper entitled “Design of cut-off Walls Embedded in Canal Embankments Passing Through Depressions” published in the Bulletin of the Faculty of Engineering, Ain Shams Univ. Vol.35,No.4,Dec.2000,pp(149-161).

A paper entitled “Effect of Cavity Occurance Under Canal Lining” to be published in the Scientific Bulletin of the Faculty of Engineering - Helwan Univ. -