

In the Name of God

Seyed Ali Ayyoubzadeh- Curriculum Vitae

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EDUCATION

PhD Civil Engineering, Birmingham University, Birmingham, UK, 1997
MS Irrigation and Drainage Engineering, Tehran University, Tehran, Iran, 1989
BS/BA Irrigation and Reclamation, Shahid Chamran University of Ahvaz, Ahvaz, Iran, 1985

PROFESSIONAL EXPERIENCES

2016-To date Professor
2008-2016 Associate Professor
1999- 2008 Assistant Professor
2000-2001 Head of Department of Watershed Management
2000-2001 Head of Department of Range Management
2006-2011 Head of Department of Water Structures Engineering

JOURNAL PAPERS

1. Ayyoubzadeh, S. A., and Zahiri, A., 2003, "A New Envelope Sections Method to Study Hydraulics of

- Compound Varying River Channels using A Depth-Averaged 2D Model", IUST-International Journal of Engineering Science (Persian), Summer, Vol. 14, No. 2, pp. 103-116.
2. **Ayyoubzadeh, S. A.**, and Houshyani, B., **2004**, " Mathematical Model of Rivers and Erodible Channels Widening ", IUST-International Journal of Engineering Science (Persian), Summer, Vol. 15, No. 2, pp. 97-115.
 3. Sharifi, F., Safarpour, Sh., **Ayyoubzadeh, S. A.**, Vakilpour, J., **2004**, "An Investigation of Factors Affecting Runoff Generation in Arid and Semi-Arid Area using Simulation and Rainfall Runoff Data", Iranian J. Natural Res., Vol. 57, No. 1, pp. 33-44 (In Persian).
 4. Mahdavi, M., Jamali, A. A., **Ayyoubzadeh, S. A.**, Vafakhah, M., **2004**, "A Sensitivity Study of Some Hydrologic Empirical Methods for Estimating Flood Peak as Related to Drainage Area in Watersheds in Iran", Iranian J. Natural Res., Vol. 57, No. 3, pp. 403-414 (In Persian).
 5. Sadeghi, S. H. R., M., Nikpour, A., **Ayyoubzadeh, S. A.**, **2004**, "Daily Sediment Estimation using Dynamic Modeling in Kasilian Watershed", Iranian J. Natural Res., Vol. 57, No. 3, pp. 391-402 (In Persian).
 6. Sharifi, F., Safarpour, Sh., **Ayyoubzadeh, S. A.**, Vakilpour, J., **2004**, "Evaluation of AWBM 2002 Simulation Model in 6 Iranian Representative", J. of Pajouhesh & Sazandegi, , Summer, No. 63, pp. 35-42. (In Persian),
 7. Sharifi, F., Namdorost, J., **Ayyoubzadeh, S. A.**, **2005**, "Modification and Adaptation and Evaluation of ISDI Models in Some of the Iranian Representative Catchments", Iranian J. Natural Res., Vol. 57, No. 4, pp. 583-594 (In Persian).
 8. Abolghasemi, M., Ghodsian, M., **Ayyoubzadeh, S. A.**, Shafae Bejestan, M., **2005**, "Determining Pothole Location in Sinuous Channels", Hydraulics J., Vol. 1, No. 1, Summer, pp. 13-28 (In Persian).
 9. Zahiri, A., **Ayyoubzadeh, S. A.**, Samani, H. M. V., Kouchakzadeh, S., **2005**, "Flood Routing in Compound Channels using Diffusion Model", Hydraulics J., Vol. 1, No. 1, Summer, pp. 69-82 (In Persian).
 10. Zahiri, A., **Ayyoubzadeh, S. A.**, Samani, H. M. V., Kouchakzadeh, S., **2005**, " Sediment Rating Curve in Compound River Channels using The Envelope Sections Method", Modarres Technical and Engineering J., No. 21, Fall, pp. 71-83 (In Persian).
 11. **Ayyoubzadeh, S. A.**, Gohari Asadi, S., Samani, J., M. V., **2006**, " The Effect of Suspended Load on Discharge Coefficient of Side Weirs in Rectangular Channels", Journal of Agricultural Engineering Research, Vol. 7, No. 26, Spring, pp. 55-70 (In Persian).
 12. Aberi Foroutan, Sh., **Ayyoubzadeh, S. A.**, **2006**, " Suspended Load Effect on Weirs and Gates Discharge Coefficient", Modarres Technical and Engineering J., No. 21, Fall, pp. 113-122 (In Persian).
 13. Saadati, H., Gholami, Sh. A., Sharifi, F., **Ayyoubzadeh, S. A.**, **2006**, "An Investigation of The Effect of Land Use Change on Simulating Surface Runoff using SWAT Mathematical Model (Case Study: Kasilian Catchment Area", Iranian J. Natural Res., Vol. 57, No. 4, pp. 301-313 (In Persian).
 14. Kordi, E., Ahmadi, M., **Ayyoubzadeh, S. A.**, Zahiri, A., **2007**, "Evaluation of Froude Methods in Determination of Critical Depth in Compound Cross Sections using Specific Energy", Hydraulics J., Vol. 1, No. 3, Summer, pp. 65-72 (In Persian).
 15. Kordi, E., **Ayyoubzadeh, S. A.**, Ahmadi, M. Z., Zahiri, A., **2007**, "Calculation of Critical depth in Open Compound Cross Sections Considering Momentum Transfer Effect", J. Agric. Sci. Natur. Resour., Vol. 14, No. 4, Oct-Nov, pp. 220-231 (In Persian).
 16. Ahmadi, M. M., **Ayyoubzadeh, S. A.**, Sajedi Sabegh M., **2007**, "Laboratory Study of the Effect Groyne on Lateral Intake Efficiency", Hydraulics J., Vol. 1, No. 3, Fall, pp. 73-79 (In Persian).

17. Hassanpour, F., **Ayyoubzadeh, S. A.**, Ghodsian, M., Samani, J. M.V., **2008**, "Effect of Submerged Vanes on Intake Ratio and Water Surface Profile at 90° Diversion ", J. of Pajouhesh & Sazandegi, , Winter, No. 77 (In Persian), pp. 104-114.
18. Samani, J., M. V., **Ayyoubzadeh, S. A.**, Aghamajidi, R., **2007**, " One Dimensional Simulation of Flushing Sediment Through Reservoirs", Journal of Agricultural Engineering Research, Vol. 8, No. 3, Autumn, pp. 51-74 (In Persian).
19. Riahi Madvar, H., **Ayyoubzadeh, S. A.**, **2008**, " Estimating Longitudinal Dispersion Coefficient of Pollutants using Adaptive Neuro-Fuzzy Inference System", Journal of Water & Wastewater, Vol. 19, No. 67, Autumn, pp. 34-46 (In Persian).
20. Hashemi Najafi, S.F., **Ayyoubzadeh, S. A.**, Dehghani, A. A., **2008**, "Experimental Investigation of Scour Depth Around L-Head Groynes Under Clear Water Condition", J. Agric. Sci. Natur. Resour., Vol. 15, No. 1, Special issue, pp. 192-203 (In Persian).
21. Mamizadeh, J., Banihashemi, M. A., **Ayyoubzadeh, S. A.**, Salehi Neyshabari, A. A., Jamshidi, R., **2008**, " Experimental study of the reservoir water level, hydraulic and sediment properties of reservoir entrance on the rate of delta progression", J. Agric. Sci. Natur. Resour., Vol. 15, No. 5, pp. 191-202 (In Persian).
22. Dehghani, A. A., Hashemi Najafi, S.F., **Ayyoubzadeh, S. A.**, Meshkati Shahmirzadi, M. E., **2009**, "Intelligent estimation of maximum local scour depth around L-head groynes by Artificial Neural Networks and Adaptive Neuro Fuzzy Inference System (ANFIS)", Journal of Water and Soil Conservation, Vo. 16, No. 1, 2009, pp. 143-161 (In Persian).
23. Gohari, S., M. A., **Ayyoubzadeh, S. A.**, Ghodsian, M., Salehi Neyshabari, **2009**, " The Impact of Spur Dike and Submerged Vanes on Sediment Control at Lateral Intake", J. of Water and Soil Conservation, Vol. 16, No. 2, pp. 35-59 (In Persian).
24. Samani, J. M. V., Riahi Madvar, H., **Ayyoubzadeh, S. A.**, **2009**, "Estimation of Discharge for Unsubmerged Detention Rockfill Dams with Simultaneous Through and Over Flows", Journal of Iran-Water Resources Research, Vol. 5, No. 1, Spring, pp. 58-68 (In Persian).
25. Kordi, E., **Ayyoubzadeh, S.A.**, Ahmadi, M., Zahiri, A., **2009**, "Prediction of the Subsection Froude Number in a Compound Channel", Can. J. Civ. Eng., Vol. 36, pp. 1-13.
26. Riahi-Madvar, H., **Ayyoubzadeh, S.A.**, Khadangi, E., Ebadzadeh, M. M., **2009**, "An Expert System for Predicting Longitudinal Dispersion Coefficient in Natural Streams by using ANFIS", Journal of Expert Systems with Applications, Vol. 36, pp. 8589-8596
27. Ahmadi, M. M., **Ayyoubzadeh, S.A.**, Montazari Namin, M., Samani, J. M. V., **2009**, "A 2D Numerical Depth-averaged Model for Unsteady Flow in Open Channel Bends", J. Agr. Sci. Tech., Vol. 11, pp. 457-468.
28. Talebizadeh, M., Morid, S., **Ayyoubzadeh, S.A.**, Ghasemzadeh, M., **2010**, "Uncertainty Analysis in Sediment Load Modeling using ANN and SWAT model", Water Resour Manage, 24, pp. 1747-1761.
29. Razavi Toosi, S. L., **Ayyoubzadeh, S. A.**, and Valizadeh, A., **2011** " The influence of time scale in free surface flow simulation using Smoothed Particle Hydrodynamics (SPH)", Journal of Irrigation Sciences and Engineering, Volume 33, Number 2 (Autumn 2011), pp. 75-91 (In Persian).
30. Gohari, S., **Ayyoubzadeh, S. A.**, Ghodsian, M., Salehi Neyshabari, **2011**, " Flow Pattern at Lateral Intake using a spur Dike and Submerged Vanes", J. of Agricultural Engineering Research, Vol. 11, No. 4, Winter 2011, pp. 1-18 (In Persian).
31. Bijad, K., Kouchakzadeh, S., **Ayyoubzadeh, S. A.**, **2011**, "An Investigation of the Influence of Longitudinal Channel Slope on Secondary Currents in Compound Channels using 2 D momentum

Model", Iranian Journal of Sol and Water Research, Vol. 41, No. 2, pp. 169-177 (In Persian).

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34. Riahi-Madvar, H., **Ayyoubzadeh, S.A.**, Montazeri Namin, M., and Seifi, A. **2011**, "Uncertainty Analysis of Quasi-Two- Dimensional Flow Simulation in Compound Channels with Overbank Flows", Journal of Hydrology and . Hydromechanics., 59(2011), 3, pp. 171-183.
35. Omidbeigi, M. A., **Ayyoubzadeh, S. A.**, Safarzadeh Gendeshmin, A., **2012**, " Experimental and Numerical Study of Three Dimensional Flow Structure at Lateral Intake", The Modares Journal of Civil Engineering, Volume 12, Number 1 (February 2012), pp. 1-12 (In Persian).

□ Conference Papers

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2. Vafakhah, M., **Ayyoubzadeh, S. A.**, **2001**, " Recognition of Important Factors in Hydrologic Drought for Control of them in Namak(Iran) Lake', First National Conference on Drought Mitigation and Water Shortage, Jehade-Daneshgahi Kerman, 9-10 Esfand, 1379, Kerman, Iran , pp. 935-940 (In Persian).
3. **Ayyoubzadeh, S. A.**, Zahiri, A. R., **2002**, "Management of Natural Disasters Due to Water: Estimation of Floodplain Discharges in Rivers", First National Conference on Water Crisis Mitigation Strategies, Hydraulic Structures, Civil Eng. Dept., Faculty of Eng., Zabol University, 9 & 10 Mar, Zabol, Iran , pp. 51-71 (In Persian).
4. **Ayyoubzadeh, S. A.**, Samani, J. M. V., **2002**, "Evaluation of Watershed Management Works as an Efficient Strategy in Water Crisis Mitigation : Case Study: Ekbatan Watershed Basin", First National Conference on Water Crisis Mitigation Strategies, Hydraulic Structures, Civil Eng. Dept., Faculty of Eng., Zabol University, 9 & 10 Mar, Zabol, Iran , pp. 73-76 (In Persian).
5. **Ayyoubzadeh, S. A.**, Zhiri, A. R., **2003**, "Limitation of Analytical Solution of Shiono-Knight Model in Lateral velocity Distribution in Compound Channels and Presentation a Modification Method", Proceeding of The Fourth Iranian Hydraulic Conference, Vol. 1, Shiraz University, 29 Mehr-1Aban, 1382, Shiraz, Iran, pp. 671-678 (In Persian).
6. **Ayyoubzadeh, S. A.**, Aberi Foroutan, A., **2003**, "Laboratory Study of Suspended Load Effect on Weirs and Gates Discharge Coefficient ", Proceeding of The Fourth Iranian Hydraulic Conference, Vol. 1, Shiraz University, 29 Mehr-1Aban, 1382, Shiraz, Iran, pp. 65-72 (In Persian).
7. Sadeghi, S. H. R., Nikpour, A., **Ayyoubzadeh, S. A.**, **2004**, " Development a Dynamic Sediment Yield Model in Kasilian Watershed ", Proceeding of The Fourth Iranian Hydraulic Conference, Vol. 2, Shiraz University, 29 Mehr-1Aban, 1382, Shiraz, Iran, pp. 1237-1242 (In Persian).
8. Zhiri, A. R., **Ayyoubzadeh, S. A.**, **2004**, "Study of Hydraulics in Flood Rivers with Irregular Geometries using Shiono-Knight 2D Model", Proceeding of 2nd Students Conference on Soil and Water, Vol. 1, Agriculture College, Shiraz University, 23,24 Ordibehesht, 1383, Shiraz, Iran (In

Persian).

9. Zhiri, A. R., **Ayyoubzadeh, S. A., 2004**, "Flood Management in Floodplains using 2D Mathematical Model", Proceeding of the First Annual Conference on Water Resources Management in Iran, University of Tehran, Tehran, 26-27 Aban 1383 (In Persian).
10. Ahmadi Renani, M. R., **Ayyoubzadeh, S. A., 2004**, Samani, J. M. V., Hasanpour Heydari, Y., "Study of the de-sedimentation Effect using Limited Dredging on Releasing Turbidity Current Efficiency in Dam Reservoirs", Proceeding of the First Annual Conference on Water Resources Management in Iran, University of Tehran, Tehran, 26-27 Aban 1383 (In Persian).
11. Ahmadi Renani, M. R., **Ayyoubzadeh, S. A., 2004**, Samani, J. M. V., Hasanpour Heydari, Y., "Study of the de-sedimentation Effect using Limited Dredging on Releasing Turbidity Current Efficiency in Dam Reservoirs", Proceeding of the First Annual Conference on Water Resources Management in Iran, University of Tehran, Tehran, 26-27 Aban 1383 (In Persian).
12. Foroozany, A., Saghafian, B., **Ayyoubzadeh, S. A., 2004**, Ghermez Cheshmeh, B., "Distributed Modeling of Out Flow Flood From Watershed Catchment using GIS", Proceeding of the First Annual Conference on Water Resources Management in Iran, University of Tehran, Tehran, 26-27 Aban 1383 (In Persian).
13. Gohari Asadi, S., **Ayyoubzadeh, S. A.**, Samani, J. M. V., **2004**, " Experimental Study of The Effect of Suspended Load on Discharge Coefficient of Side Weirs", Proceeding of the First Annual Conference on Water Resources Management in Iran, University of Tehran, Tehran, 26-27 Aban 1383 (In Persian)
14. Gohari Asadi, S., **Ayyoubzadeh, S. A.**, Samani, J. M. V., Aberi Foroutan, Sh., **2004**, "Comparison Between of Side and Normal Weirs Discharge Coefficients Under Suspended Load Condition", Proceeding of The 5th Iranian Hydraulic Conference, Shahid Bahonar University of Kerman, 17-19 Aban, 1384, Kerman, Iran, (In Persian).
15. **Ayyoubzadeh, S. A.**, Zhiri, A. R., Ealampour, A., **2005**, "Study of Hydraulics in Flood Rivers with Irregular Geometries using Shiono-Knight 2D Model", Abstract, he 35th Annual Iranian Mathematics Conference, Shahid Chamran University, 26-29 January, Ahvaz, Iran (In Persian).
16. Aghamajidi, R., Samani, J., M. V., **Ayyoubzadeh, S. A., 2005**, " One Dimensional Simulation of Flushing Sediment Through Reservoirs", Proceeding of The 5th Iranian Hydraulic Conference, Shahid Bahonar University of Kerman, 17-19 Aban, 1384, Kerman, Iran, (In Persian).
17. Hassanpour, F., **Ayyoubzadeh, S. A.**, Ghodsian, M., Samani, J. M.V., Shamsi, A., **2006**, "Experimental Study of the Effect of Submerged Vanes on Intake Ratio and Water Surface Profile at 90° Diversion ", Proceeding of The 5th Iranian Hydraulic Conference, Shahid Bahonar University of Kerman, 17-19 Aban, 1384, Kerman, Iran, (In Persian).
18. Hassanpour Hydari, Y., **Ayyoubzadeh, S. A.**, Samani, J. M.V., Ahmadi Renani, M. R., **2006**, " Experimental Study of Thalweg Channel Length Variation Effect on Releasing Turbidity Current Efficiency through Reservoirs", Proceeding of The 5th Iranian Hydraulic Conference, Shahid Bahonar University of Kerman, 17-19 Aban, 1384, Kerman, Iran, (In Persian).
19. Faramarz, M., **Ayyoubzadeh, S. A.**, Mohammadi, K., **2006**, "Numerical Simulation of Transport of Pollutant in Rivers with Floodplains", Proceeding of The 5th Iranian Hydraulic Conference, Shahid Bahonar University of Kerman, 17-19 Aban, 1384, Kerman, Iran, (In Persian).
20. Riahi Madvar, H., Samani, J. M. V., **Ayyoubzadeh, S. A., 2007**, " Coefficient in laboratory Modeling of 2D Velocity and Pressure Distributions in Unsubmerged Detention Rockfill Dams with Simultaneous Through and Over Flows", The First Regional Conference on Water, Islamic Azad University of Behbahan, Behbahan, Iran, (In Persian).

21. Riahi Madvar, H., **Ayyoubzadeh, S. A.**, and Khasheei, A., **2007**, " Estimating Pothole Dimensions using Adaptive Neuro-Fuzzy Inference System (ANFIS) Downstream of A Weir", Proceeding of the First National Conference on Dams and Hydraulic Structures, Karaj, Iran, 23-24 Aban 1386 (In Persian).
22. Samani, J. M. V., Riahi Madvar, H., Salami, M., and **Ayyoubzadeh, S. A.**, **2008**, " Analysis of Simultaneous Through and Over Flows in Detention Rockfill Dams for Flood Control", Proceeding of The 6th Iranian Hydraulic Conference, Shahrekord University, 13-15 Shahrivar, 1386, Shahrekord, Iran, pp. M5-67-M5-76 (In Persian).
23. Keshtkar, S., **Ayyoubzadeh1, S. A.**, and Firoozabadi, B., **2008**, "Experimental Study of the Effect of Entrance Froude Number Variation of Turbidity Current on its Thickness", Proceedings of 2nd National Conference on Dam & Hydropower Plants, Ordibehesht 25-26 (1387), Tehran, Iran (In Persian).
24. Zahiri, A. R., Keshtkar, S., Bejestan, M., and **Ayyoubzadeh1, S. A.**, **2008**, "Sediment Management of Dez Dam By using Turbidity Current Monitoring", Proceedings of 2nd National Conference on Dam & Hydropower Plants, Ordibehesht 25-26 (1387), Tehran, Iran (In Persian).
25. Keshtkar, S., **Ayyoubzadeh1, S. A.**, and Firoozabadi, **2008**, "Experimental Study of the Effect of of Entrance Opening Gate on Vertical Distributions of Velocities and Concentrations in Turbidity Current", ", Proceedings of the Seventh Iranian Hydraulic Conference, November 12-14, Tehran, Iran, (In Persian).
26. Hashemi Najafi, S.F., **Ayyoubzadeh, S. A.**, Dehghani, A. A., and Azbarmi, R., **2008**, "Estimating the Maximum Scour Depth Around L-Head Groyne using Artificial Neural Network and Neuro-Fuzzy Techniques", Proceedings of Fourth International Civil Engineering Conference, May 10-12, Tehran, Iran (In Persian).
27. Gohari, S., M. A., **Ayyoubzadeh, S. A.**, Ghodsian, M., Salehi Neyshabari, **2008**, " Experimental Study of Flow Pattern around Lateral Intake with Spur Dike and Submerged Vanes", Proceedings of 3rd Iran Water Resources Management Conference, University of Tabriz, 14-16 October 2008, Tabriz, Iran (In Persian).
28. Hamzeh Ghassabsaraei, M., **Ayyoubzadeh, S. A .**, Firoozfar, A. R., and Faramarz, M, **2008**, "Effect of Relative Width Variation in Compound Channels on Pollutant Transport using Mathematical Model of POLLUTE1", Proceedings of 3rd Iran Water Resources Management Conference, University of Tabriz, 14-16 October 2008, Tabriz, Iran (In Persian).
29. Firoozfar, A. R., **Ayyoubzadeh, S. A .**, and Hamzeh Ghassabsaraei, M., **2008**, "An Explicit Method for Stable Channel Design and Its Evaluation in three Selected Country Rivers", Proceedings of 3rd Iran Water Resources Management Conference, University of Tabriz, 14-16 October 2008, Tabriz, Iran (In Persian).
30. Mamizadeh, J., **Ayyoubzadeh, S. A.**, Banihashemi, M. A., and Salehi Neyshabari, A. A., **2008**, " Experimental study of the Side Wall Expansion Angle and Hydraulic and Sediment Properties of Reservoir Entrance on the rate of delta progression", Proceedings of 3rd Iran Water Resources Management Conference, University of Tabriz, 14-16 October 2008, Tabriz, Iran (In Persian).

• Refereed International Conference Proceedings

1. **Ayyoubzadeh, S.A.**, and Mohammadi, M.A., **1994**, "Introduction to a new research topic on sediment transport: Flood flow behavior and the coherence approach," the 2nd Iranian Civil Engineering Seminar in UK., Geotechnique and Water Resources, Umist, Manchester, 17-18

December.

2. **Ayyoubzadeh, S.A., 1996**, "An Explicit Mathematical Simulation of A Rational Regime Channel Theory," Proceedings of the 4th Iranian Civil Engineering Seminar in UK., Geotechnique and Water Resources, Umist, Manchester, 24th Feb., Vol. 1, pp. 113-126.
3. **Ayyoubzadeh, S.A., and Mohammadi, M.A., 1996**, "Cross Sectional Shape Characteristics Effects and Stable Channel Dimensions: Need of Modification to a Rational Regime Theory," Proceedings of the 4th Iranian Civil Engineering Seminar in UK., Geotechnique and Water Resources, Umist, Manchester, 24th Feb., Vol. 1, pp. 214-227.
4. **Ayyoubzadeh, S.A., 1997**, "Explicit Solution for Design of Stable Channels: Alternative Method to a Rational Regime Channel Theory," Fourth International Conference on Civil Engineering, Sharif University of Technology, Tehran, Iran, May 4-6, Paper 6513.
5. **Ayyoubzadeh, S. A., and Mohammadi, M.A., 1997**, "Evaluation of a Rational Stable Channel Theory using Flume and River Data," Fourth International Conference on Civil Engineering, Sharif University of Technology, Tehran, Iran, May 4-6, Paper 6514.
6. **Ayyoubzadeh, S. A., and Ghafari, R., 2001**, "Study of Sediment Performance of Different parts of Vortex-Type Settling Basin using Physical Model", International Conference on Hydraulic Structures, Civil Eng. Dept., Faculty of Eng., Shahid Bahonar University of Kerman, 2 & 3 May, Kerman, Iran , pp. 689-694 (In Persian).
7. **Ayyoubzadeh, S. A., Ahmadi, M. M., 2003**, "Analysis of Laboratory Bedform Data in Sand-Bed Simple and Compound Channels", Proceeding of The Sixth Int. River Engineering Conference (6IREC), Shahid Chamran University, 28-30 Jan., Ahvaz, Iran , pp. 183-190 (In Persian).
8. **Ayyoubzadeh, S. A., Zhiri, A. R., 2003**, "Lateral Distribution of Flow Velocity and Boundary shear Stress in Simple and Compound Channels by Numerical Solution of a Mathematical Model ", Proceeding of The Sixth Int. River Engineering Conference (6IREC), Shahid Chamran University, 28-30 Jan., Ahvaz, Iran , pp. 285-293 (In Persian).
9. **Ayyoubzadeh, S. A., and Houshyani, B., 2003**, " Lateral Distribution of Unit Discharge Using LDM Method and its Application in Computation of Transverse and Longitudinal Sediment Transport Rate of Alluvial Rivers and Erodible Channels", Proceeding of The Sixth Int. River Engineering Conference (6IREC), Shahid Chamran University, 28-30 Jan., Ahvaz, Iran , pp. 261-270 (In Persian).
10. **Sajedi Sabegh M., Habibi, M., Ahmadi, M. M., and Ayyoubzadeh, S. A., 2003**, " Laboratory Study of the Effect Groyne on Flow Pattern and Channel Bed Topography of Lateral Intake", Proceeding of The Sixth Int. River Engineering Conference (6IREC), Shahid Chamran University, 28-30 Jan., Ahvaz, Iran , pp. 543-550 (In Persian).
11. **Ayyoubzadeh, S. A. , and Zahiri, A., 2004**, "A Practical Method For Studying Hydraulics of Compound River Channels With High Erosion and Sedimentation Process," Proceedings of ICSE-2 Second International Conference on scour and Erosion, November, 2004, Singapore.
12. **Ayyoubzadeh, S. A. ,and Zahiri, A., 2004**, "Comparison of finite Difference and finite element solutions of unsteady flow in compound channels," Proceedings of the 2nd Asia Pacific Association of Hydrology and Water Resources Conference, Volume I, 5-8 July, 2004, Singapore, pp 118-127.
13. **Ayyoubzadeh, S. A. , Faramarz, M, and Mohammadi, K, A., 2004**, "One Dimensional Mathematical Modeling of Pollutant Transport in Compound Open Channels," Proceedings of the 2nd Asia Pacific Association of Hydrology and Water Resources Conference, Volume I, 5-8 July, 2004, Singapore, pp 628-635.

14. **Ayyoubzadeh, S. A.**, Faramarz, M, and Mohammadi, K, A., **2004**, "Estimating Longitudinal Dispersion Coefficient in Rivers," Proceedings of the 2nd Asia Pacific Association of Hydrology and Water Resources Conference, Volume I, 5-8 July, 2004, Singapore, pp 636-643.
15. Zakiaghl, H., and **Ayyoubzadeh, S. A.**, **2005**, "Experimental Study on Bed Form Dimensions in Compound Open," Proceedings of 10TH International Symposium on The Interactions Between Sediment and Water, RMZ- Materials and Geoenvironment, Vol. 52, No. 1, 200, p. 370 (Abstract).
16. Zahiri, A. R., **Ayyoubzadeh, S. A.**, **2006**, "Experimental and Numerical Study of Gradually Varied Flow in Floodplains", Proceeding of the 7th International Congress on Civil Engineering, Tarbiat Modares University, Tehran, Iran (In Persian).
17. Jamali, A., A., **Ayyoubzadeh, S. A.**, Mahdavi, M., **2007**, " Optimizing hydrologic empirical models for estimating the flood peak in north slopes of Alborz Mountain strings", International Conference on Alpine Meteorology, 4-8 June 2007 Chambéry, France (Abstract).
18. Riahi Madvar, H., Samani, J. M. V., **Ayyoubzadeh, S. A.**, **2007**, " Discharge Coefficient for Unsubmerged Detention Rockfill Dams with Simultaneous Through and Over Flows", The 7th International. River Engineering Conference (7IREC), Ahwaz, Iran, 13-15 Feb (In Persian).
19. Zakiaghl, H., **Ayyoubzadeh, S. A.**, **2007**, "Evaluation of Different Methods for Resistance Coefficients in Uniform and Non-uniform Flows", The 7th International. River Engineering Conference (7IREC), Ahwaz, Iran, 13-15 Feb (In Persian).
20. Zakiaghl, H., **Ayyoubzadeh, S. A.**, **2007**, "Experimental Study of Temporal Variation of Bed form
21. Dimensions Evaluation in Uniform and Non-uniform Flows", The 7th International. River Engineering Conference (7IREC), Ahwaz, Iran, 13-15 Feb (In Persian).
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□ Awards

Distinguished Researcher by Tarbiat Modares University, Tehran, IR Iran, in 2004
Best Student, MSc, Tehran University, 1990.