Curriculum Vitae



Dr. C.S.P. Ojha Professor

Department of Civil Engineering

Indian Institute of Technology, Roorkee

Uttarakhand, 247667, India

Telephone – 01332-285494

Fax - 091-1332-273560

E- Mail - cojhafce@iitr.ernet.in,

cspojha@gmail.com

ACADEMIC QUALIFICATIONS

- Ph.D. (Environmental Hydraulics), Imperial College of Science, Technology and Medicine, London, U.K., 1993. (Oct. 1990-Sept. 1993)
- M.E. (Hydraulics and Water Resources) with Honours, Indian Institute of Science, Bangalore, 1984.
- B.E. (Civil) with Honors, Gorakhpur University, 1982.

EMPLOYMENT HISTORY

- Professor, Civil Engg., IIT Roorkee (since Feb. 2004)
- Curtis Visiting Professor, Civil Engg., Purdue University, USA (Aug 2012-June 2013)
- Visiting Professor (Geo-Environmental Engg), Civil Engg., AIT Bangkok (Aug-Nov. 2004)
- Associate Professor, Civil Engineering, IIT Roorkee (Feb. 2001-Jan. 2004)
- Assistant Professor, Civil Engineering, Univ. of Roorkee (April, 1996-Feb. 2001)
- Lecturer, Civil Engineering, Univ. of Roorkee, U.P., 247 667, India (from Jan.1986 to April, 1996)
- Lecturer, Civil Engineering, Indian Institute of Technology, BHU, Varanasi, U.P., 221 005, India (from July 1984 to Jan. 1986)

FIELD OF SPECIALIZATION

Modeling of Environmental and Water Resources Engineering Systems

CURRENT RESEARCH INTERESTS

Flow and Contaminant Transport, Soil Moisture Uptake by Plants, Hydrologic Processes, Water Resources Management under Climate Change

SUBJECTS TAUGHT

- Unsaturated flow through soils (Purdue University, USA) during 2012-2013
- Climate change detection (Purdue University, USA) during 2012-2013
- Geo-environmental Engineering (AIT Bangkok) during 2004
- Irrigation and Drainage, Engineering Hydrology, Fluid Mechanics, Hydraulic Structures, Hydropower Engineering, Free surface flows, Ground water Engineering, Computational Methods in Water Resources at IIT Roorkee, India since 1986
- Fluid Mechanics, and Environmental Engineering at IIT BHU, Varanasi, India in 1984-1985

AWARDS

- Vth Position, U.P. Board's Intermediate Examination, 1978 (the rank was among one quarter million candidates; as per the existing provisions in 1978, the position entitled for direct admission to IIT at an undergraduate level).
- University Gold Medal, B.E. Examination, 1982 (secured highest marks in all branches of engineering)
- First rank in M.E.(Hydrodynamics and Water Resources); also third rank in M.E.(Civil) Examination, 1984
- Prof. R.C.Singh Gold Medal (best design paper award) from Environmental Engineering Division of Institution of Engineers, INDIA in 1988-89
- Common Wealth Research Scholarship Award (1990-1993) for higher studies from Association of Commonwealth Universities, U.K.
- The NawabZain Dar Jung Bahadur Memorial Prize (best research paper award) from Environmental Engineering Division of Institution of Engineers, INDIA for year 1991-1992.
- Young Engineer Award from Central Board of Irrigation and Power in India, 1996.(The award was given in recognition of the work done in the area of water resources and environmental engineering).
- Young Teachers Career Award of All India Council of Technical Education, 1997. (The award was given in recognition of the overall contributions in the area of water resources and environmental engineering and for promoting further research in this area).
- Alexander von Humboldt Research Fellowship Award, 2001-2002.[The award was given to model the performance of water treatment works (with particular reference to filtration units) in Germany based on experiences in India].
- Recipient of American Society of Civil Engineers (ASCE) Research Paper Awards, 2001.
- Rated as Star Performer for academic excellence by IIT Roorkee in 2004-05-06
- Recipient of S. S. Sanyal Medal from Institution of Engineers, INDIA for the best research paper published in the area of Water Supply and Sanitation, 2005
- Recipient of ShriS.V.Patwardhan Memorial Prize of Indian Water Works Associationin 2007 (for the best research paper published in J. IWWA in year 2006)

- Recipient of JalVigyanPuraskar of Indian Society of Hydraulics in 2007 (for the best research paper published in J. Indian Society of Hydraulics in year 2006)
- McGill India Strategic Research Initiative Award in 2007 to work on a Collaborative project with McGill University, Canada on Conserving and Protecting India's Water Resources
- Cash award of 3000 Euro in 2008 for significant contributions in EU-India River Bank Filtration Network Project, sponsored by European Union
- Distinguished Visiting Fellowship of Royal Academy of Engineering, U.K. in 2008-09
- Recipient of American Society of Civil Engineers (ASCE) Research Paper Awards, 2009.
- Visiting International Fellowship of ASCE in 2010
- Recipient of American Society of Civil Engineers (ASCE) Research Paper Awards, 2010
- Senior JSPS (Japan Society for Promotion of Science) Invitation Fellowship to visit Japan in 2010-2011.
- EM Curtis Visiting Professorship, awarded by Purdue University, USA, 2012
- Recipient of American Society of Civil Engineers (ASCE) Research Paper Awards, 2013

INTERNATIONAL EXPOSURE

- Commonwealth Research Scholar, Imperial College of Science, Technology and Medicine, London, U.K. (Oct. 1990-Sept. 1993)
- Visiting Scholar, Louisiana State University, USA. (April-July 2000).
- Alexander Von Humboldt Fellow, Water Technology Center, Karlsruhe, Germany (Dec. 2001-July, 2002)
- Guest AvH Fellow, Institute for Hydromechanics, University of Karlsruhe, Germany (Jan. 2002-July, 2002)
- Visiting Professor, Civil Engineering, AIT Bangkok, Aug. 2004-Nov. 2004.
- Indian Project Coordinator for EU-India River Bank Filtration Network, visited Civil Engineering Department, University of Applied Sciences, Dresden, Germany (June-July 2005 and Sept. 2005) and Civil Engineering Department, University of Innsbruck, Austria (June 2006, Sept.-Oct. 2006)
- Indian Project Coordinator for DST-BMBF project, visited University of Applied Sciences, Dresden, Germany (June-2007)
- Indian Project Coordinator for McGill India Strategic Research Initiative Project, visited McGill University, Canada in June-July 2007
- Distinguished Visiting Fellow of Royal Academy of Engineering, U.K. in 2008-09 (visited University of Heriot-Watt, Edinburgh, U.K from Dec 2008 to January 2009 including short visits to Imperial College of Science, Technology and Medicine, London and University of Birmingham)
- Guest Professor, Civil Engineering, Lund University, Sweden, June 2009
- Visiting International Fellow of ASCE for Year 2010 (visited University of Missouri-Kansas, Purdue University, Desert Research Institute, Reno and University of Rhode Island, USA), May 2010
- Invited Fellow of Japan Society for Promotion of Science for Dec 2010-January 2011 (visited Tokyo Metropolitan University, Tokyo Institute of Technology, Kyushu University and Tottori University Arid Land Research Centre).

• Visiting Professor, Civil Engineering, Purdue University (Aug 2012 - June 2013).

BOOKS

- Singh, V.P., Sharma, N., and C.S.P.Ojha, "Brahmaputra Water Resources System", Kluwer Publishers, Feb. 2004
- C.S.P.Ojha, R.Berndtsson and P.K.Bhunya, "Engineering Hydrology", Oxford University Press, New Delhi, March 2008, 450 pages
- B.R.Gurjar, M.T.Molina, and C.S.P.Ojha (Eds), "Air Pollution: Health and Environmental Impacts", Taylor and Francis, USA, June 2010, pp.1-532.
- C.S.P.Ojha, R.Berndtsson, and P.N.Chandramoulli, "Fluid Mechanics and Fluid Machinery", Oxford University Press, New Delhi, October 2010, 996 pages.
- R.K.Rai, A.Upadhyay, C.S.P.Ojha and V.P.Singh, "Yamuna River Basin: Water Resources and Environment", Springer Publishers, Oct. 2011, 422 pages.
- R.Y. Surampalli, T. C. Zhang, C.S.P.Ojha, B.R.Gurjar, R.D.Tyagi, and C.M.Kao (Eds), "Climate Change Modeling, Mitigation, and Adaptation", ASCE, Feb 2013. 708 pages.

Ph.D. SUPERVISED

- R.Shrivastava : Design and Operational Aspects of Biofilm Reactors (RBC), (C.S.P.Ojha), 1996
- Krishna.K.Singh: Flood Estimation in Selected Indian River Basins (D.V.S. Verma and C.S.P.Ojha), 1997
- P. Nema: Waste Water Renovation Through Soil Aquifer Treatment (A. Kumar, P. Khanna and C.S.P.Ojha), 1998
- R.P.Singh: Modelling of UASB Reactor, (S. Kumar and C.S.P.Ojha), 1998
- T. Mansoor : Studies on Skew Weirs and Sluice Gates, (P.K.Swamee, S.K.Pathak and C.S.P.Ojha), 1999
- Susheel K.Singh: Stream Aquifer Interaction, (P.K.Swamee, G.C.Mishra and C.S.P.Ojha), 1999
- N.C.Ghosh: Studies on Solute Transport in Rivers (C.S.P.Ojha and G.C. Mishra), 2001
- R.K. Jha:Stream water quality simulation with GIS and Remote Sensing support. (C.S.P. Ojha and K.K.S. Bhatia), 2001
- S. Mandal: Some aspects in numerical simulation of wind flow around bluff bodies (C.S.P.Ojha and P. Bhargava), 2001
- S.Rasool: Study of scour around permeable spurs (N.Sharma and C.S.P.Ojha), 2001
- M.Abdullah: Experimental Study on Characteristics of Braided Stream (N.Sharma and C.S.P.Ojha), 2001
- G.Pandey: Optimization of municipal waste water treatment system with UASB process (A.Kumar and C.S.P.Ojha), 2002.
- S.B.Prasad : Simulation of solute transport in unsteady stream flows (U.C.Chaubey, M.Perumal and C.S.P.Ojha), 2002.
- U.P.Gupta: Study on performance of submerged vanes with collar (N.Sharma and C.S.P.Ojha), 2003.
- H.Singh: A study on potential of genetic algorithms in Civil Engineering (C.S.P.Ojha and P. Bhargava), 2003.[A considerable part of thesis dealt with flood routing and water distribution network analysis]

- A.K.Singh: Stability analysis of levees (C.S.P.Ojha, N.K.Samadhiya and G.C.Mishra), 2004.
- U.Mishra : Experimental investigations into flow around islands (N.Sharma and C.S.P.Ojha), 2005
- PradeepK.Bhunya: Statistical approaches for estimation of design flood in ungauged catchments, 2005 (C.S.P.Ojha, S.K.Mishra, and RonyBerndtsson)
- Ramakant: Modelling of sand filters for rainwater harvesting (D.Khare and C.S.P.Ojha), 2006
- GopiSiddappa: Seepage and stability analysis of earthen dams (C.S.P.Ojha and K.S.H. Prasad), 2006
- Vijay K. Dwivedi: Rainfall-Runoff-Sediment yield of Bhopal lake catchment, Madhya Pradesh, India (C.S.P.Ojha, S.K.Mishra, and A.K.Bhar), 2007
- A. Thakur: Studies on water quality in river bank filtration (C.S.P.Ojha, B.R.Gurjar and T.Grischek), 2007
- Vijay S.Dogra: Moisture uptake by plants (K.S.Hari Prasad and C.S.P.Ojha), 2007
- S.K.Gupta: Design and operation of on-farm reservoir (K.K.Singh and C.S.P.Ojha), 2007
- D.N.Ratha: Analysis and parameter estimation of virus transport through subsurface (K.S.Hari Prasad and C.S.P.Ojha), 2008
- R.K.Rai: Optimum Design of sewer networks (C.S.P.Ojha and P.K.Swamee), 2008
- P.N.Chandramoulli: Estimation of unsaturated soil parameters (K.S.Hari Prasad and C.S.P.Ojha), 2009
- S.Devatta: Soil moisture uptake by plants under saline irrigation (K.S.Hari Prasad and C.S.P.Ojha), 2009
- Gopal Das: Flow characteristics of Labrynth weirs (N. Sharma, and C.S.P.Ojha), 2009
- K.S.Khobragadhe: Hydrological modeling of lake Pichhola for its rejuvenation (C.S.P.Ojha and K.K.S.Bhatia), 2009
- A.R.Senthil Kumar: Reservoir sedimentation (C.S.P.Ojha, P.K.Swamee and R.D.Singh), 2009
- M.Parvez: Modelling and erosion control of a Brahmaputra river stretch (N.Sharma, R.P.Singh, C.S.P.Ojha), 2011
- Manish Kumar Goyal : Study on statistical downscaling for climate projections, (C.S.P.Ojha), 2011
- Kesheo Prasad: Study on turbulent flow in open channels (C.S.P.Ojha and K.M.Singh), 2011
- Manoj Kumar: Heat and Mass Transfer Analysis of Evaporation from Water bodies (C.S.P.Ojha and J.S. Saini), 2012
- R.A.Singh: Flow and pressure characteristics of vertical gates with different lip types (GopalChauhan, C.S.P.Ojha and A.Gairola), 2012
- Narain S: Municipal Waste Water Treatment using Certain plants (S.K.Mishra, C.S.P.Ojha and U.C.Choubey), 2012.
- Nitin Joshi: Solute Transport through Porous Media (P.K.Sharma and C.S.P.Ojha), 2012

SALIENT RESEARCH PUBLICATIONS IN INTERNATIONAL JOURNALS

1989

• D.S.Bhargava and C.S.P.Ojha," Theoretical Analysis of Backwash Time in Rapid Sand Filters", Wat.Res., Vol. 23(5),1989, pp 581-587.

1990

- D.S.Bhargava and C.S.P.Ojha, "Rational Design of Wash Water Gutters", Trans.Civ. Engrg., Inst. of Engrs., Australia, Vol.32 (4), 1990, pp 178-186.
- D.S.Bhargava and C.S.P.Ojha," A New and Rational Model for Backwash Velocity ", Trans. Civ. Engrg., Inst. ofEngrs., Australia, Vol. 32 (4), 1990, pp 187-198.
- D.S.Bhargava and C.S.P.Ojha," Analysis of Hydraulic Jump for Better Mixing", Wat. Res., Vol. 24(6),1990, pp 1003-1010.
- P.K.Swamee and C.S.P.Ojha, "Pump Test Analysis of Confined Aquifer", J. Irrig. and Drain. Engrg. Div., ASCE, Vol.116 (1), 1990, pp 99-106.
- P.K.Swameeand C.S.P.Ojha, "Pump Test Analysis of Leaky Aquifer", J. Irrig. and Drain. Engrg. Div., ASCE, Vol.116 (4), 1990, pp 645-655.

1991

- P.K.Swamee and C.S.P.Ojha, "Modelling of BOD Exertion Curve", Wat. Res., Vol. 25(7), 1991, pp 901-902.
- P.K.Swamee and C.S.P.Ojha, "Drag Coefficient and Fall Velocity of Non-Spherical Particles", J. Hyd. Engrg., ASCE, Vol.117(4), 1991, pp 660-669.
- P.K.Swamee and C.S.P.Ojha, "Transport of Non-uniform Sediments", J. Hyd. Engrg., ASCE, Vol. 117(6), 1991, pp 774-787.

1992

- C.S.P.Ojha and N.J.D.Graham, "Computer Aided Solutions of Filtration Equations", Wat. Res., Vol. 26(2), 1992, pp 145-150.
- D.S.Bhargava and C.S.P.Ojha," Headloss Prediction in Operating Rapid Sand Filters ", Trans. Civ. Engrg., Inst. of Engrs., Australia, Vol. 34 (3), 1992, pp 237-245.
- C.S.P.Ojha and N.J.D.Graham, "Appropriate Use of Deep Bed Filtration Models", J.Env. Engrg., ASCE, Vol.118(6), 1992, pp 964-980.
- C.S.P.Ojha and N.J.D.Graham, "Use of Exact Continuity Equation in the Optimization of Deep Bed Filter Runs", Trans. Civ. Engrg., Inst. of Engrs., Australia, Vol.34 (4), 1992, pp 303-308.

1993

- C.S.P.Ojha and N.J.D.Graham, "Theoretical Estimates of Bulk Specific Deposit in Deep Bed Filters", Wat. Res., Vol. 27(3), 1993, pp 377-387.
- D.S.Bhargava and C.S.P.Ojha," Models for Design of Flocculating Baffled Channels", Wat. Res., Vol. 27(3), 1993, pp 465-475.

- C.S.P.Ojha and N.J.D.Graham, "Computer-Aided Simulation of Slow Sand Filter Performance", Wat.Res., 29(5), 1994, pp 1025-1030.
- C.S.P.Ojha and N.J.D.Graham, "Prediction of Deep-Bed Filter Performance using Recursive Algorithms", J. Env. Engrg., ASCE, Vol.120(4), 1994, pp 961

• P.K.Swamee and C.S.P.Ojha, "Criteria for Evaluating Flow Classes in Alluvial Channels", J. Hyd. Engrg., ASCE, Vol. 120(5), 1994, pp 652-658.

1995

- R.Shrivastava and C.S.P.Ojha," Simplified Approach for Biofilm Reactor Design", J. of Public Health Engineers, India, 1995, Vol. 24 (2), pp 33-42.
- P.K.Swamee and C.S.P.Ojha, "Pumping Test Analysis of Wells having Storage Contribution", J. Irrig. and Drain. Engrg., ASCE, Vol. 121(3), 1995, pp 261-263.
- P.K.Swamee, C.S.P.Ojha, and A. Abbas, "Mean Annual Flood Estimation for Indian Catchments", J. Wat. Resour. Plng. andMangt., ASCE, Vol. 121(6), 1995, pp. 403-407.

1996

- C.S.P.Ojha and R. Shrivastava, "Inappropriate Parameterisation in Biofilm Process Design Curves", J. Env. Engrg., ASCE, Vol.122(1), 1996, pp. 67-70.
- C.S.P.Ojha and A.K.Rai, "A Non-linear Root Water Extraction Model", J. Irrig. and Drain. Engrg., ASCE, Vol. 122 (4), 1996, pp 198-202.

1997

- C.S.P.Ojha and R. Shrivastava, "Identification of Linearity in Biofilm Processes and its Operational Utility", Biotech. and Bioengrg., March, 1997.
- C.S.P.Ojha and N. Kumar," Modelling of Free Surface in Steady State Radial Seepage", J. Hydrol. Engrg., ASCE, January, 1997
- P.K.Swamee and C.S.P.Ojha, "Ground Water Mound Equation for Rectangular Recharge Area", J. Irrig. and Drain. Engrg., ASCE, June, 1997.
- C.S.P. Ojha and D. Subbaiah, "Analysis of Flow through a Lateral Slot", J. Irrig. and Drain. Engrg., ASCE, Oct., 1997.

1998

- R.P.Singh, S. Kumar and C.S.P. Ojha, "A critique on operational strategies for start-up of UASB reactors: effects of sludge loading rate and seed/biomass concentration". The Biochemical Engrg. J., U.K., Vol. 1, p. 107, 1998.
- C.S.P.Ojha and R. Shrivastava, "A Rational Approach for Design of In-series Biofilm Reactors", Wat. Res., 32(3), p.741-746, 1998.
- P.K.Swamee, C.S.P.Ojha, and S. Kumar, "Discharge Equation for Rectangular Slot", J. Hyd. Engrg., ASCE, Vol. 124(9), 973-974, 1998.

- R.P. Singh, Surendra Kumar, and C.S.P. Ojha, "Nutrients' requirement for UASB process: A review", Biochemical Engrg. J., U.K., Vol.3, 35-54, 1999.
- C.S.P. Ojha, K.K. Singh, and D.V.S. Verma, "Single storm runoff analysis using Ztransform.", J. Hydrol. Engrg., ASCE, 4(1), 1999.
- C.S.P. Ojha, "Outlet scour modelling for drop height influence", J. Hyd. Engrg., ASCE, 125(1), 1999.
- C.S.P. Ojha and V. Gopal, "Seepage face modelling for a large diameter well." J. Hydrol. Engrg., ASCE, July 1999.

- C.S.P.Ojha, and N.J.D.Graham, "Numerical assessment of filtration equations", J. Environmental Engineering Research, Vol. 4(1), 2000, pp. 11-21.
- C.S.P.Ojha, "Aquifer diffusivity estimation using a linearly varying stream stage", J. Hydrol. Engrg., ASCE, April 2000.
- P.K.Swamee, S.K.Pathak, T. Mansoor, and C.S.P.Ojha, "Discharge characteristics of skew sluice gates", J. Irrign. and Drainage, ASCE, Sept/Oct., Vol. 126 (5),328-334, 2000.

2001

- P.Nema, C.S.P.Ojha, A.Kumar and P.Khanna, "Techno-economic evaluation of Soil-Aquifer Treatment using Primary Effluent at Ahmedabad, India", Water Research, June, 35(9), 2179-2190, 2001.
- R.K.Jha, C.S.P.Ojha, and K.K.S.Bhatia, "Stream reaerationcoefficient evaluation for a typical Indian river", J. Hydrological Processes, July 2001.
- C.S.P.Ojha, S.Mandal, and P. Bhargava, "Aspects of Inlet Boundary Prescription for a turbulent flow field", J. Hydraulic Engineering, ASCE, Aug. 2001.
- Mandal, S., Ojha, C.S.P., and Bhargava, P. "Significance of correlation coefficient in evaluating Reynolds stresses." Int. J. of Wind Engineering, Japan Association for Wind Engineering, Vol. 89(10), Oct. 2001, pp317-320.
- C.S.P.Ojha, V.P.Singh and D.D.Adrian, "Influence of porosity on piping models of levee failure", J. Geotechnical Engineering, ASCE, 127(12), 1071-1074, 2001.

2002

- C.S.P.Ojha and R.P.Singh, "Modeling of flow distribution in UASB reactors", J. Environ. Engrg., ASCE, Feb. 2002, 128(2), 196-2002
- S.K.Singh, P.K. Swamee, G.C.Mishra, and C.S.P.Ojha," Aquifer Diffusivity and Stream Resistance from Varying Stream Stage" J. Irrigation and Drainage Engineering, ASCE, 128(1), Feb. 2002, pp. 57-61.

2003

• C.S.P.Ojha, V.P.Singh, and D. Adrian, "Determination of critical head in piping", J. Hyd. Engrg. ASCE, July 2003, vol. 129(7), 511-518.

- R.K.Jha, C.S.P.Ojha, and K.K.S.Bhatia, "A supplementary approach for estimating reaeration coefficients", J. Hydrological Processes, Vol. 18(1), Jan. 2004, 65-79.
- Ghosh, N.C., G.C. Mishra, and C.S.P. Ojha, A Hybrid-cells-in-series model for solute transport in a river. J. Env. Engrg. Div., ASCE, Oct., 2004, 130(10), pp. 1198-1209.
- P.Nema, A. Chelani, C.S.P.Ojha, A.Kumar, and P. Khanna, "Utility of column lysimeter for design of Soil Aquifer Treatment System for waste water renovation using Artificial Neural Networks", J. Env. Engrg., ASCE, Dec. 2004, 130(12), 1534-1542.
- C.S.P.Ojha, "Analysis of artesian well test data", J. Hydrologic Engrg, ASCE, Jan. 2004.64-67.
- P.K.Bhunia, S.K.Mishra, C.S.P.Ojha, and R. Berndtson, "Parameter estimation of beta distribution for unit hydrograph derivation", J. Hydrologic Engrg., ASCE, July 2004, Vol. 9(3), pp. 325-332.

- R.K.Jha, C.S.P.Ojha, and K.K.S.Bhatia, Estimating non-point pollution in Kali river catchment, J.Env. Engrg. ASCE, Vol. 131(12),pp 1706-1715, Dec. 2005.
- S.Lena, C.S.P.Ojha, and U.Glawe, Sorption characteristics of the soft Bangkok Clay, Low Land Technology International, Japan, Vol. 7(2), pp. 69-73, Dec. 2005.
- S.S.Mandal, C.S.P.Ojha, and P.Bhargava, "Wind turbulence modeling at near wall zone using k-e model: A review", J. of Wind Engineering, Vol. 2(1), July, 2005, pp. 52-59.
- P.K.Bhuniya, N.C.Ghosh, S.K.Mishra, C.S.P.Ojha, and R. Berndtson, Hybrid model for synthetic unit hydrograph, J. Hydrologic Engrg., ASCE, Vol. 10(6), pp 458-467, Dec. 2005.

2006

- U.P.Gupta, N.Sharma, and C.S.P.Ojha, "Performance evaluation of submerged ratio of rectangular submerged vane with collar", International Journal of Sediment Research, Vol. 21(1), 2006, pp 42-49.
- G.Siddappa, K.S.H.Prasad, C.S.P.Ojha, A.Hussain, and P.Bhargava, "Transient Seepage Analysis of an earth dam: sensitivity to anisotropy and soil properties", Journal of Dam Engineering, U.K., Vol. 16(4), pp 281-292, March 2006
- A.K.Singh, G.C.Mishra, N.K.Samadhiya and C.S.P.Ojha, "Design of a Rigid Cutoff Wall", ASCE, Geotechnical Engineering, Vol. 6(4), Aug. 2006, 215-225
- U.P.Gupta, C.S.P.Ojha, and N.Sharma, "Dike formation with submerged vane", International Journal of Sediment Research, Vol. 21(3), Sept. 2006, 200-208
- G.Siddappa, K.S.H.Prasad, C.S.P.Ojha, A.Hussain, and P.Bhargava, "Stability analysis of an earth dam: sensitivity to anisotropy and soil properties", Journal of Dam Engineering, U.K., Vol. 16(4), Nov. 2006, 175-192

- R.Jha, C.S.P.Ojha, and K.K.S.Bhatia, "Non-point source pollution estimates using modified approach", Hydrological Processes, U.K., Vol. 21(8), 1098-1105, 2007
- R.Jha, C.S.P.Ojha, and K.K.S. Bhatia, "Critical appraisal of BOD and DO models for a highly polluted stream of India", J. International Association of Hydrological Sciences, Vol. 57(2), 362-375, 2007.
- R.Jha, C.S.P.Ojha, and K.K.S.Bhatia, "Development of BOD and DO models for highly polluted Kali river in India", ASCE, Environmental Engineering, Vol. 133(8), 839-852, 2007
- Ojha, C.S.P., Goyal, M.K. and S.Kumar, "Applying fuzzy logic and point count system to select landfill sites", J. Environmental Monitoring and Assessment, Elsevier Publishers, Vol. 135(3), 99—106, Dec. 2007
- P.K.Bhuniya, R.Berndtson, C.S.P.Ojha, and S.K.Mishra "Suitability of Gamma, Chisquare, Weibull and Beta distributions as synthetic unit hydrographs", Journal of Hydrology, Elsevier, Jan 2007, Vol. 314, 28-38.
- U.P.Gupta, N.Sharma, and C.S.P.Ojha, "Performance evaluation of tapered vane", J. International Association of Hydraulic Research, 45(4), 472-477, Aug. 2007
- C.S.P.Ojha, K.K.Singh and S. Gupta, Rational Design of On-farm reservoir, Canadian Journal of Civil Engineering, Vol. 34(9), 1061-1068, Sept. 2007
- R.K.Rai, M.K.Jain, S.K.Mishra, C.S.P.Ojha, and V.P.Singh, "Another look at derivation of IUH using z-transform approach", Water Resources Management, UK,21(11),1829-1848, 2007

- Gupta, U.P., Kumar, N. and Ojha, C.S.P. "Location of Horizontal Girders for Trapezoidal Hydraulic Loading in Vertical Lift Gates", Journal of Dam Engineering, U.K., Vol. 17(4), Nov. 2007
- P.K.Bhuniya, S.K.Jain, C.S.P.Ojha, and A. Agarwal, "Simple parameter estimation technique for three parameter GEV distribution", J. Hydrologic Engineering, ASCE, Vol. 12(6), 682-689, 2007

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