REFERENCES

REFERENCES

Adiyiah, J., Acheampong, M. A., Ansa, E. D. O., Kelderman, P., Operations, F., Agency, E. P., Box, P. O., and Ahafo, S. (2014). "Grain-size analysis and heavy metals distribution in sediment fractions of lake markermeer in the Netherlands." International Journal of Environmental Science and Toxicology Research, 2(8), 160–167.

Adler, M., and Nicodemus, U. (2001). "A new computer model for the evaluation of data from acoustic Doppler current profilers (ADCP)." Physics and Chemistry of the Earth (C), 26(10-12), 711–715.

Ahmed, A., and Fawzi, A. (2011). "Meandering and bank erosion of the River Nile and its environmental impact on the area between Sohag and El-Minia, Egypt." Arabian Journal of Geosciences, 4(1), 1–11.

Ainsworth, L. M., Routledge, R., and Cao, J. (2011). "Functional data analysis in ecosystem research: the decline of Oweekeno lake sockeye salmon and Wannock River flow." Journal of Agricultural, Biological, and Environmental Statistics, 16(2), 282–300.

Akbari, M., Afshar, a., and Sadrabadi, M. R. (2009). "Fuzzy rule based models modification by new data: Application to flood flow forecasting." Water Resources Management, 23(12), 2491–2504.

Ali, S. (2010). "Accuracy assessment of Chow's regression and stochastic methods for estimating instantaneous peak discharge (Case Study : Central Alborz Region)." Journal of Sustainable Development, 3(2), 235–241.

Allen, J.R.L. (1982). "Sedimentary Structures, Their Character and Physical Basis." 1st Edition, Elsevier Science, and New York, 633 p, ISBN 0444419454.

Anderson, E. J., Schwab, D. J., and Lang, G. A. (2010). "Real-time hydraulic and hydrodynamic model of the St. clair River, lake st. clair, Detroit River system." Journal of Hydraulic Engineering, 136(8), 507–518.

Andersson, L., Wilk, J., Todd, M. C., Hughes, D. a., Earle, A., Kniveton, D., Layberry, R., and Savenije, H. H. G. (2006). "Impact of climate change and development scenarios on flow patterns in the Okavango River." Journal of Hydrology, 331(1-2), 43–57.

Angusamy N.G., and Rajamanickam, V. (2001). "Mineralogy and chemistry of ilmenite from the beach placers of Mandapamto Kanyakumari region, Tamil Nadu." Handbook of Placer Mineral Deposits, New Academic Publishers, and Delhi, 158–170 p.

Anithamary, I., Ramkumar, T., and Venkatramanan, S. (2011). "Grain size characteristics of the coleroon estuary sediments, Tamilnadu, east coast of India." Carpathian Journal of Earth Environment Scienec, 6(2), 151–157.

Bai, Y., and Wang, Z. (2011). "Theory and applications of nonlinear River dynamics." International Journal of Sediment Research, International Research and Training Centre on Erosion and Sedimentation and the World Association for Sedimentation and Erosion Research, 29(3), 285–303.

Bawa, N., Jain, V., Shekhar, S., Kumar, N., and Jyani, V. (2014). "Controls on morphological variability and role of stream power distribution pattern, Yamuna River, western India." Geomorphology, 227(6), 60–72.

Bhatt, V. K., and Tiwari, a. K. (2008). "Estimation of peak streamflows through channel geometry / Estimation de pics de débit fluviatiles à l'aide de la géométrie des cours d'eau." Hydrological Sciences Journal, 53(2), 401–408.

Billi, P., Hey, R. D., Thorne, C. R., and Tacconi, P. (1992). "Dynamics of gravel-bed Rivers." John Wiley and Sons, and Chichester.

Blumberg, A. F., and Mellor, G. L. (1983). "Diagnostic and prognostic numerical circulation studies of the South Atlantic Bight." Journal of Geophysical Research, 88(C8), 4579-4592.

Boggs, S. Jr., (1995). "Principles of Sedimentology and Stratigraphy." 4th Edition, Prentice Hall, and Englewood Cliffs, 676p, ISBN 0131547283.

Bolshakov, V. (2013). "Regression-based Daugava River flood forecasting and monitoring." Information Technology and Management Science, 16(1), 137–142.

Book, J. W., Perkins, H. T., Cavaleri, L., Doyle, J. D., and Pullen, J. D. (2005). "ADCP observations of the western Adriatic slope current during winter of 2001." Progress in Oceanography, 66(2-4), 270–286.

Bos, M. G. (1976). "Discharge measurement structures." International Institute for Land Reclamation and Improvement, Wageningen, 20.

Bradley, A. A., Kruger, A., and Muste, M. (2002). "Flow measurement in stream using video imagery." Water Resources Research, 38(12), 512-518.

Buijsman, M. C., and Ridderinkhof, H. (2007). "Long-term ferry-ADCP observations of tidal currents in the Marsdiep inlet." Journal of Sea Research, 57(4), 237–256.

Callede, J., Kosuth, P., Loup, J.L., and Guimarães, V. S. (2000). "Discharge determination by Acoustic Doppler Current Profilers (ADCP): a moving bottom error correction method and its application on the River Amazon at Obidos." Hydrological Sciences Journal, 45(6), 911–924.

Chaudhri, R. S., Khan, H. M. M., and Kaur, S. (1981). "Sedimentology of beach sediments of the West coast of India." Sediment Geology, 30, 79–94.

Chen, C. S., Chou, F. N. F., and Chen, B. P. T. (2010). "Spatial Information-Based Back-propagation neural network modeling for outflow estimation of ungauged catchment." Water Resources Management, 24(14), 4175–4197.

Cheng, P., Gao, S., and Bokuniewicz, H. (2004). "Net sediment transport patterns over the Bohai Strait based on grain size trend analysis." Coastal and Shelf Science, 60, 203–213.

Chitale, S.V. (1970). "River channel patterns." Journal of Hydraulics Engineering, 96, 201-221.

Choo, T. H., Park, S. K., Lee, S. J., and Oh, R. S. (2011). "Estimation of River discharge using mean velocity equation." KSCE Journal of Civil Engineering, 15(5), 927–938.

Cole, J.M., Goldstein, S.L., deMenocal, P.B., Hemming, S.R., and Grousset, F.E. (2009). "Contrasting compositions of Saharan dust in the eastern Atlantic Ocean during the last deglaciation and African humid period." Earth and Planetary Science Letters 278(3–4), 257–266.

Condie, K.C., Lee, D., and Farmer, G.L. (2001). "Tectonic setting and provenance of the Neoproterozoic Uinta Mountain and Big Cottonwood groups, northern Utah: constraints from geochemistry, Nd isotopes, and detrital modes." Sedimentary Geology, 141–142, 443–464.

Costa, J.E., Spicer, K.R., Cheng, R.T., Haeni, F.P., Melcher, N.B., Thurman, E.M., Plant, W.J., and Keller, W.C. (2000). "Measuring stream discharge by non-contact methods--a proof-of-concept experiment." Geophysical Research Letters, 27(4), 553-556.

Creutin, J. D., Muste, M., Bradley, A. A., Kim, S. C., and Kruger, A. (2003). "River gauging using PIV techniques: A proof-of-concept experiment on the Iowa River." Journal of Hydrology, 277(3-4), 182-194.

De Rose, R. C., Stewardson, M. J., and Harman, C. (2008). "Downstream hydraulic geometry of Rivers in Victoria, Australia." Geomorphology, 99(1-4), 302–316.

Dickinson, R.E. (1987). "The Geophysiology of Amazonia, Vegetation and Climate Interactions." 1st Edition, John Wiley and Sons, and New York, 526 p, ISBN 0471845116.

Duan, J. G. (2004). "Simulation of flow and mass dispersion in meandering channels." Journal of Hydraulic Engineering, 130(10), 964–976.

Duan, J. G. (2004). "Simulation of flow and mass dispersion in meandering channels." Journal of Hydraulic Engineering, 130(10), 964–976.

Engeland, K., and Hisdal, H. (2009). "A comparison of low flow estimates in ungauged catchments using regional regression and the HBV-model." Water Resources Management, 23(12), 2567–2586.

Eslamian, S., Ghasemizadeh, M., Biabanaki, M., and Talebizadeh, M. (2010). "A principal component regression method for estimating low flow index." Water Resources Management, 24(11), 2553–2566.

Fedo, C. M., Eriksson, K. A., and Krogstad, E. J. (1996). "Geochemistry of shales from the Archean (3.0 Ga) BuhwaGreenstona Belt, Zimbabwe: implications for provenance and source area weathering." Geochimica et Cosmochimica Acta Journal, 60(10), 1751–1763.

Ferguson, R.I., (1987). "Hydraulic and sedimentary controls of channel pattern. In: Richards, K.S. (Ed.), River Channels: Environment and process." Basil Blackwell, Oxford, 129–158.

Fu, R. S., Yu, Z. Y., Jin, M., and Fang, H. W. (2002). "Trend in water and sediment variations in the Yangtze River." Chinese Journal of Hydraulic Engineering 11, 21–29 (in Chinese).

Gandhi, M. S., Solai, A., Chandrasekaran, K., and Rammohan, V. (2008). "Sediment characteristics and heavy mineral distribution in tamiraparaniestuary and off tuticorin, tamil nadu-sem studies." Journal of Earth Sciences India, I (III), 102–118.

Garcia, C. M., Oberg, K., and Garcia, M. H. (2007). "ADCP measurements of gravity currents in the Chicago River, illinois." Journal of Hydraulic Engineering, 133(12), 1356–1366.

Gatti, J., Petrenko, A., Devenon, J. L., Leredde, Y., and Ulses, C. (2006). "The Rhone River dilution zone present in the northeastern shelf of the Gulf of Lion in December 2003." Continental Shelf Research, 26(15), 1794–1805.

Gatti, J., Petrenko, J., Devenon, Y., Leredde, and Ulses, C. (2003). "The Rhone River dilution zone present in the northeastern shelf of the Gulf of Lion in December 2003." Continental Shelf Research, 26(15), 1794–1805.

Gelfenbaum, G., and Jaffe, B. (2003). "Erosion and sedimentation from the 17 July, 1998 Papua new Guinea tsunami." Pure and Applied Geophysics, 160(10-11), 1969-1999.

Gordon, B. R. L. (1989). "Acoustic measurement of River discharge." Journal of Hydraulic Engineering, 115(7), 925–936.

Gromet, L.P., Haskin, L.A., Korotev, R.L., and Dymek, R.F. (1984). "The North American shale composite: its compilation, major and trace element characteristics." Geochimica et Cosmochimica Acta, 48(12), 2469–2482.

Guerrero, M., and Lamberti, A. (2011). "Flow field and morphology mapping using ADCP and multibeam techniques: Survey in the Po River." Journal of Hydraulic Engineering, 137(12), 1576–1587.

Guerrero, M., Ruther, N., and Szupiany, R. N. (2012). "Laboratory validation of acoustic Doppler current profiler (ADCP) techniques for suspended

sediment investigations." Flow Measurement and Instrumentation, 23(1), 40–48.

Guerrero, M., Szupiany, R. N., and Amsler, M. (2011). "Comparison of acoustic backscattering techniques for suspended sediments investigation." Flow Measurement and Instrumentation, 22(5), 392–401.

Guymer, I. (1998). "Longitudinal dispersion in sinuous channel with changes in shape." Journal of Hydraulic Engineering, 124(1), 33–40.

Guymer, I., and West, J. R. (1992). "Longitudinal dispersion coefficients in estuary." Journal of Hydraulic Engineering, 118(5), 718–734.

Herschy, R. W. (2002). "The uncertainty in a current meter measurement." Flow Measurement and Instrumentation, 13(7), 281–284.

Herschy, R.W. (1999), 199. "Hydrometry: Principles and Practices." 2nd Edition John Wiley and Sons, and Chichester.

Hewlett, J.D. (1982). "Principles of Forest Hydrology." 1st Edition, The University of GeorgiaPress, and Athens, 215 p, ISBN 0 820306088.

Hey, R. D., Bathurst, J. C., and Thorne, C. R. (ed.) (1982). "Gravel-bed Rivers: Fluvial Processes. Engineering and Management." John Wiley and Sons, and Chichester.

Holser, W.T. (1997). "Evaluation of the application of rare-earth elements to paleoceanography." Palaeogeography, Palaeoclimatology, Palaeoecology, 132(1–4), 309–323.

Howard, A. (1992). "Modelling channel migration and floodplain sedimentation in meandering streams." Lowland Floodplain Rivers: Geomorphological Perspectives, 41 p.

Islam, M., Liong, S., Phoon, K., and Liaw, C. (2001). "Forecasting of River flow data with a general regression neural network." Integrated Water Resources Management, 272(4), 285–290.

Jones, C. and Lawton,J. (Ed.) (1994). "Linking species and ecosystems." Chapter 3, Chapman and Hall, and London.

Julien, Y. P., and Wargadalam, J. (1995). "Alluvial channel geometry: theory and applications." Journal of Hydraulic Engineering, 121(4), 312–325.

Jung, D., Paik, K., and Kim, J. H. (2013). "Relationship between downstream hydraulic geometry and suspended sediment concentration characteristics." Journal of Hydro-Environment Research, 7(4), 243–252.

Jung, I. W., Chang, H., and Moradkhani, H. (2011). "Quantifying uncertainty in urban flooding analysis considering hydro-climatic projection and urban development effects." Hydrology and Earth System Sciences, 15(2), 617–633.

Kashyap, S., Constantinescu, G., Rennie, C. D., Post, G., and Townsend, R. (2012). "Influence of channel aspect ratio and curvature on flow, secondary circulation, and bed shear stress in a rectangular channel bend." Journal of Hydraulic Engineering, 138(12), 1045–1059.

Khairul, M., Kamarudin, A., Toriman, M. E., Idris, M. H., and Selangor, B. (2009). "Temporal variability on lowland River sediment properties and yield." American Journal of Environmental Sciences, 5(5), 657–663.

Khan, A. A., Nawani, P. C., and Strivastava, M. C. (1988). "Geomorphological evolution of the area around Varanasi, U.P. with the aid of aerial photographs and LANDSAT imageries." Geological Gurvey of India Rec, 113, 31–39.

Kim, D. (2012). "Assessment of longitudinal dispersion coefficients using Acoustic Doppler Current Profilers in large River." Journal of Hydro-Environment Research, 6(1), 29–39.

Kim, D., and Muste, M. (2012). "Multi-dimensional representation of River hydrodynamics using ADCP data processing software." Environmental Modelling and Software, Elsevier Ltd, 38(5-6), 158–166.

King, M. D., Menzel, W. P., Grant, P. S., Myers, J. S., Arnold, G. T., Platnick, S. E., Gumley, L. E., Tsay, S.-C., Moeller, C. C., Fitzgerald, M., Brown, K. S., and Osterwisch, F. G. (1996). "Airborne scanning spectormeter for remote sensong of cloud, aerosol, water vapor, and surface properties." Journal of Atmospheric and Oceanic Technology, 13(4), 777–794.

Klein, G. S., Yufit, G. a., and Shkurko, V. K. (1993). "A new moving boat method for the measurement of discharge in large Rivers." Hydrological Sciences Journal, 38(2), 79–88.

Klingerman, P. C., Beschta, R. L., Komar, P. D., and Bradley, J. B. (1998). "Gravel-bed Rivers in the environment." Water Resources Publications, and Colorado.

Koussis, A. D., and Mirasol, J. R. (1998). "Hydraulic estimation of dispersion coefficient for streams." Journal of Hydraulic Engineering, 124(3), 317–320.

Lai, A. M. W., and Hung, T. S. (1991). "Mathematical model for River ice processes." Journal of Hydraulic Engineering, 117(7), 851–867.

Lee, K., Ho, H. C., Marian, M., and Wu, C. H. (2014). "Uncertainty in open channel discharge measurements acquired with Stream Pro ADCP." Journal of Hydrology, Elsevier B.V., 509(11), 101–114.

Lee, S., and Cheong, T. S. (2009). "Development of regression equations for the water discharge estimation in tidally affected Rivers." KSCE Journal of Civil Engineering, 13(3), 195–203.

Leopold, L. B. (1992). "Sediment size that determines channel morphology. in: dynamics of gravel-bed Rivers (ed. By P. Billi, R. D. Hey, C. R. Thorne and P. Tacconi)." John Wiley and Sons, and Chichester, 297–311p.

Lewin, J., and Ashworth, P. J. (2013). "Defining large River channel patterns: Alluvial exchange and plurality." Geomorphology, 215(3), 83–98.

Lewin, J., and Ashworth, P. J. (2014). "The negative relief of large River floodplains." Earth-Science Reviews, 129(10-11), 1–23.

Lohrmann, A., Cabrera, R., and Kraus, N. C. 1994. "Acoustic Doppler velocimeter for laboratory use." Proc., Symp. on Fundamental and Advancements in Hydraulic Measurement and Experimentation, C.Pugh, ed., ASCE, Reston, Va., 351–365.

Marion, A., and Zaramella, M. (2006). "Effects of velocity gradients and secondary flow on the dispersion of solutes in a meandering channel." Journal of Hydraulic Engineering, 132(12), 1295–1302.

McLennan, S., Hemming, S., McDaniel, D.K., and Hanson, G.N. (1993). "Geochemical approaches to sedimentation, provenance, and tectonics." Geological Society of America, Special Papers 284, 21–40.

McLennan, S.M. (1989). "Rare earth elements in sedimentary rocks: influence of provenance and sedimentary processes." Reviews in Mineralogy and Geochemistry, 21, 169–200.

Meunier, P., and Metivier, F. (2005). "Sediment transport in a microscale braided stream : from grain size to reach scale." Sediment Transport in a Microscale Braided Stream, 212–227.

Mueller, D. S., Abad, J. D., García, C. M., Gartner, J. W., García, M. H., and Oberg, K. a. (2007). "Errors in Acoustic Doppler profiler velocity measurements caused by flow disturbance." Journal of Hydraulic Engineering, 133(12), 1411–1420.

Muste, M., Yu, K., and Spasojevic, M. (2004). "Practical aspects of ADCP data use for quantification of mean River flow characteristics; Part I: Moving-vessel measurements." Flow Measurement and Instrumentation, 15(1), 1–16.

Nagata, N., Hosoda, T., and Muramoto, Y. (2000). "Numerical analysis of River channel processes with bank erosion." Journal of Hydraulic Engineering, 126(4), 243–252.

Naib, S. A., and Sanders, J. (1997). "Oblique and vertical jet dispersion in channels." Journal of Hydraulic Engineering, 123(5), 456–462.

Nesbitt, H.W., and Young, G.M. (1982). "Early Proterozoic climates and plate motions inferred from major element chemistry of lutites." Nature, 299(5885), 715–717.

Nesbitt, H.W., Young, G.M., McLennan, S.M., and Keays, R.R. (1996). "Effects of chemical weathering and sorting on the petrogenesis of siliciclastic sediments, with implications for provenance studies." The Journal of Geology, 104(5), 525–542.

Nothdurft, L. D., Webb, G. E., and Kamber, B. S. (2004). "Rare earth element geochemistry of Late Devonian reefal carbonates, Canning Basin, Western Australia: Confirmation of a seawater REE proxy in ancient lime stones." Geochimica et Cosmochimica Acta Journal, 68, 263–283.

Nothdurft, L.D., Webb, G.E., and Kamber, B.S. (2004). "Rare earth element geochemistry of Late Devonian reefal carbonates, Canning Basin, Western Australia: confirmation of a seawater REE proxy in ancient limestones." Geochimica et Cosmochimica Acta, 68(2), 263–283.

Nystrom, E. a., Rehmann, C. R., and Oberg, K. a. (2007). "Evaluation of Mean Velocity and Turbulence Measurements with ADCPs." Journal of Hydraulic Engineering, 133(12), 1310–1318.

Oberg, K., and Mueller, D. S. (2007). "Validation of streamflow measurements made with acoustic Doppler current profilers." Journal of Hydraulic Engineering, 133(12), 1421–1432.

Palmateer, G. A., McLean, D. A., Kutas, W. L., and Meissner, S. M. (1993). "Suspended particulate/bacterial interaction in agricultural drains, in particulate matter and aquatic contaminants." chap 1, Lewis Publishers, and Boca Raton, ISBN 9780873716789.

Pannone, M. (2010). "Transient hydrodynamic dispersion in rough open channels: theoretical analysis of bed-form effects." Journal of Hydraulic Engineering, 136(3), 155–164.

Pye, K. (2004b). "Forensic examination of rocks, sediments, soils and dust using scanning electron microscopy and x-ray chemical analysis. In: Pye, K. & Croft, D. J. (ed.) forensic geoscience: principles, techniques and applications." Geological Society, and London, 232, 103-122.

Rajamanickam, G. V, and Gujar, A. R. (1984). "Sediment depositional environment in some bays on the Central West Coast of India." Indian Journal of Geo-Marine Science, 13, 53–59.

Rajamanickam, G. V, and Gujar, A. R. (1985). "Indications given by median distributionand CM patternson clastic sedimentationin Kalbadevi, Mirya and Ratnagiribays, Maharashtra, India." Giorn Geology, 47, 237–251.

Rajamanickam, G. V, and Gujar, A. R. (1993). "Depositional processes inferred from the log probability distribution. In: Jhingran V (ed) Recent researches in sedimentolgy." Hindustan Publishing Corporation, 154–164.

Rantz, S. E., (1982). "Measurement and computation of streamflow, Volume 1, Measurement of stage and discharge" Water Supply Paper, U.S. Geological Survey, 2175.

Rao, P. S., Ramaswamy, V., and Thwin, S. (2005). "Sediment texture, distribution and transport on the Ayeyarwady continental shelf, Andaman Sea." Indian Journal of Geo-Marine Sciences, 216(4), 239–247.

Rennie, C. D., Millar, R. G., and Church, M. A. (2002). "Measurement of bed load velocity using an acoustic Doppler current profiler." Journal of Hydraulic Engineering, 128(5), 473–483.

Sauer, V. B., and Meyer, R. W. (1992)." Determination of error in individual discharge measurements." 5-25.

Schappi, B., Perona, P., Schneider, P., and Burlando, P. (2010). "Integrating River cross section measurements with digital terrain models for improved flow modelling applications." Computers & Geosciences, 36(6), 707–716.

Schultz, G.A. (1996). "Remote sensing applications to hydrology: runoff." Hydrological Sciences Journal, 41(4), 453–475.

Schulze, K., Hunger, M., and Doll, P. (2005). "Simulating River flow velocity on global scale." Advances in Geosciences, 5(1), 133–136.

Schwendel, A. C., Fuller, I. A. N. C., and Death, R. G. (2012). "Assessing DEM interpolation methods for effective representation of upland stream morphology for rapid appraisal for bed stability." River Research and Applications, 28(4), 567–584.

Shen, C., Niu, J., Anderson, E. J., and Phanikumar, M. S. (2010). "Estimating longitudinal dispersion in Rivers using Acoustic Doppler Current Profilers." Advances in Water Resources, Elsevier Ltd, 33(6), 615–623.

Shukla, J., DelSole, T., Fennessy, M., Kinter, J., and Paolino, D. (2006). "Climate model fidelity and projections of climate change." Geophysical Research Letters, 33(7), 3–6.

Silva, A. (2003). "Morphometric variation among sardine (Sardina pilchardus) populations from the northeastern Atlantic and the western Mediterranean." ICES Journal of Marine Science: Journal, 60, 846–859.

Simpson, M.R., (2001). "Discharge measurements using a broad-band acoustic Doppler current profiler." U.S. Geological Survey Open-File Report 01, 134 p.

Sin, K.-S. (2010). "Methodology for calculating shear stress in a meandering channel." M.Tech.,Thessis of Colarado State University, 177 p.

Sindlinger, L. R., Biggs, D. C., and DiMarco, S. F. (2005). "Temporal and spatial variability of ADCP backscatter on a continental slope." Continental Shelf Research, 25(2), 259–275.

Song, C. G., Seo, I. W., and Kim, Y. Do. (2012). "Analysis of secondary current effect in the modeling of shallow flow in open channels." Advances in Water Resources, Elsevier Ltd, 41(2), 29–48.

Spicer, K. R., Costa, J. E., and Placzek, G. (1997). "Measuring flood discharge in unstable stream channels using ground-penetrating radar." Geology, 25, 423-426.

Spicer, K. R., Costa, J. E., and Placzek, G. (1997). "Measuring flood discharge in unstable syream channels using ground- penetrating radar." Geology, 25(5), 423-426.

Subramanya, K. (2009). "Flow in Open Channels." 3rd Edition, Tata McGraw-Hill, and New Delhi, 543 p, ISBN 0070086958.

Sulzer, S., Rutschmann, P., and Kinzelbach, W. (2002). "Flood discharge prediction using two-dimensional inverse modeling." Journal of Hydraulic Engineering, 128(1), 46–54.

Svetlíkova, D., Kohnova, S., and Szolgay, J. (2009). "Analysis of monthly discharge and precipitation time series for selected Wetlands in Slovakia." International Symposium on Water Management and Hydraulic Engineering, 827–840.

Tayfur, G., and Singh, V. P. (2011). "Predicting mean and bankfull discharge from channel cross-sectional area by expert and regression methods." Water Resources Management, 25(5), 1253–1267.

Taylor, S.R., and McLennan, S.H. (1985). "The continental crust: Its composition and evolution." Blackwell Scientific Publication, and Carlton, 312 p.

Thorne, C. R., Bathurst, J. C., and Hey, R. D. (ed.) (1987). "Sediment Transport in Gravel bed Rivers." John Wiley and Sons, and Chichester.

Uddin, M. N., and Rahman, M. M. (2012). "Flow and Erosion at a Bend in the Braided Jamuna River." International Journal of Sediment Research, 27(4), 498–509.

User's manual "HEC-RAS" (2010). United States Army Corps of Engineers, Version 4.1.

Vougioukas, S., Papamichail, D., Georgiou, P., and Papadimos, D. (2011). "River discharge monitoring using a vertically moving side-looking acoustic Doppler profiler." Computers and Electronics in Agriculture, 79(2), 137–141.

Wagner, W., Verhoest, N. E. C., Ludwig, R., and Tedesco, M. (2009). "Remote sensing in hydrological sciences." Hydrology and Earth System Sciences, 13(6), 813–817.

Walling, D. E., and Moorehead, P. W. (1987). "Spatial and temporal variation of the particle-size characteristics of fluvial sediment." Geografiska Annaler, 69A(1), 47–59.

Walling, D. E., and Moorehead, P. W. (1989). "The particle size characteristics of fluvial sediment: an overview." Hydrobiologia, 176, 125–149.

Walling, D. E., Owens, P. N., Waterfall, B. D., Leeks, G. J. L., and Wass, P. D. (2000). "The particle size characteristics of fluvial suspended sediment in the Humber and Tweed catchments, UK." Science of the Total Environment, 251(1), 205–222.

Walter, C., and Tullos, D. D. (2010). "Downstream channel changes after a small dam removal: using aerial photosand measurement error for context; calapooia River, Oregon." River Research and Applications, 26, 1220–1245.

Wang, X., Dong, Z., Zhang, J., Qu, J., and Zhao, A. (2003). "Grain size characteristics of dune sands in the central Taklimakan Sand Sea." Sedimentary Geology, 161(1-2), 1–14.

Webb, G.E., and Kamber, B.S. (2000). "Rare earth elements in Holocene reefal microbialites: a new shallow seawater proxy." Geochimica et Cosmochimica Acta, 64(9), 1557–1565.

Wegner, C., Holemann, J. A., Dmitrenko, I., Kirillov, S., and Kassens, H. (2005). "Seasonal variations in sediment dynamics on the Laptev Sea shelf (Siberian Arctic)." Global and Planetary Change, 48, 126–140.

Westenbroek, S. M. (2006). "Estimates of shear stress and measurements of water levels in the Lower Fox River near Green Bay, Wisconsin."USGS Scientific Investigations Report, 2006- 5226.

Wewetzer, S. F. K., Duck, R. W., and Anderson, J. M. (1999). "Acoustic Doppler current profiler measurements in coastal and estuarine environments: Examples from the Tay Estuary, Scotland." Geomorphology, 29(1-2), 21–30.

Wharton, G., Amell, N. W., and Gurnell, A. M. (1989). "River discharge estimated from River channel dimensions." Journal of Hydrology, 106(3-4), 365–376.

Wharton, G., and Tomlinson, J. J. (1999). "Flood discharge estimation from River channel dimensions: results of applications in Java, Burundi, Ghana and Tanzania." Hydrological Sciences Journal, 44(1), 97–111.

Winterwerp, J.C. (2001). "Stratification effects by cohesive and noncohesive sediment." Journal of Geophysical Research, 106 (C10), 22.559–22.574.

Winterwerp, J.C. (2006). "Stratification effects by fine suspended sediment at low, medium and very high concentrations." Journal of Geophysical Research, 111 (C5), 1-11.

Wondzell, S. M., Hemstrom, M. a., and Bisson, P. a. (2007). "Simulating riparian vegetation and aquatic habitat dynamics in response to natural and anthropogenic disturbance regimes in the Upper Grande Ronde River, Oregon, USA." Landscape and Urban Planning, 80(3), 249–267.

Xu, D., Gu, X., Li, P., Chen, G., Xia, B., Bachlinski, R., He, Z., and Fu, G. (2007). "Mesoproterozoic–Neoproterozoic transition: geochemistry, provenance and tectonic setting of clastic sedimentary rocks on the SE margin of the Yangtze Block, South China." Journal of Asian Earth Sciences, 29 (5–6), 637–650.

Xu, J. X. (1996). "Complex behaviour of suspended sediment grain size downstream from a reservoir: an example from the Hanjiang River." China Hydrological Science Journal, 41(6), 837–849.

Xu, J. X. (1996). "Complex behaviour of suspended sediment grain size downstream from a reservoir: An example from the Hanjiang River, China." Hydrological Sciences Journal, 41(6), 837–849.

Xu, J. X. (2000a). "Grain-size characteristics of suspended sediment in the Yellow River, China." Catena 37, 243–263.

Xu, J. X. (2000b). "Water and sediment changes in relation with forest destruction in the upper reaches of the Yangtze River." Chinese Journal of Hydraulic Engineering 1, 72–80 (in Chinese).

Yang, S. L., Zhang, J., Zhu, J., Smith, J. P., Dai, S. B., and Gao, A. (2005). "Impact of dams on Yangtze River sediment supply to the sea and delta wetland response." Journal of Geophysical Research, 110(F3), 1-12.

Yorke, T. H., and Oberg, K. A. (2002). "Measuring River velocity and discharge with acoustic Doppler profiler." Flow Measurement and Instrumentation, 13(5-6), 191–195.

Zhu, Y. Y., and Zhou, H. C. (2009). "Rough fuzzy inference model and its application in multi-factor medium and long-term hydrological forecast." Water Resources Management, 23(3), 493–507.