

References

REFERENCES

- Adamus, P.R. 2001. Guide book for Hydro-geomorphic (HGM) – based assessment of origon wetland and riparian sites : State wide classification and profile – 168 pp.
- Adrian R. Susann Wilhelm and Dietergestem 2006. Life history traits of Lake Plankton species may govern the phonological response climate warming. *Global Change Biology*. Vol. 12, Issue 4, pp.652-661.
- Anbalagan. S., Ramasamy S.M. and Das Gupta S, 2005 – *Environ Gcol* (2005) 48 : 158-170.
- Anish and Chandan 2007. Distribution and abundance of fish populations in Harike Wetland – A Ramsar site in India. *J. Environ. Biol.* 0254-8704 30(2).
- Anjaneyalu, Y. 2005. Introduction to Environmental Science, B.S. Publications, Hyderabad.
- Anon 1994. Government the largest GIS user, *GIS World* 7(9) : 12.
- Anon 1993. Survey of Choice of Systems, *GIS, World*.
- Anon, NNRMS standards. A national standards for EO images, thematic and cartographic maps GIS databases and spatial outputs. ISRO : NNRMS : TR : 112 : 2005. A committee report,

National Natural Resources Management System, Bangalore, 2005.

Anonymous, 1993. Directory of Indian Wetlands, World Wildlife Federation, New Delhi.

Ansar A. & Khad F, 2005. Eutrophication : An Ecological vision in the Botanical review vol.71 issue 4 pp.449-482.

APHA 2005. Standard methods for the examination of water and wastewater (21st ed) New York, Washington, DC : Published by the American Public Health Association.

APHA. 1998. Standard Methods for the Examination of Water and Wastewater. American Public Health Association / American water works Association / Water Environment Federation, 20th edn. Washington DC, USA.

Aravind, L. 2012. Tamilnadu a Wetland rich state. A National Atlas, The Hindu dt. 07.11.2012.

Bassi N., M. Dinesh Kumar, Anuradha Sharma and Pardha-saradhi P. 2014 in Status of Wetlands of India : A review of extent, ecosystem benefits, threats and management strategies, Journal of Hydrology : Regional studies 2 (2014) 1 – 19.

Bartholomeus, P.M.W., Jan-Philip and Johannes R. 2011. Drought Stress and Vegetation Characteristics on Sites with different

slopes and orientations. *Ecohydrology*, www.wileyonlinelibrary.com

Bhattacharjee, A. & Harendra, S.B. 2013. Diversity and abundance of wetland birds in Tumariya wetland, Uttarakhand, India and Management strategies for their conservation J. *The Indian forester*. Vol.139 issue 10.

Bindu, S.P. 2005. "Alam Bells –sounded over disappearing wetlands. In the Hindu dt. 28th may.

Biswas K, 1949. Common fresh and brackish algal flora of India and Burma. I & II. RCC. Botanical Survey of India, pp.9.

Bohra, C., and Kumar, A. 2004. Planktonic diversity in the wetlands of Jharkhand. In : Aravind Kumar (eds) *Biodiversity and Environment*, A.P.A.A.H. Publishing corp, New Delhi. Pp.91-123.

Camble J.S. and Fischer, C. E.S., 1915-1935. *Flora of Presidency of Madras* (Vol. 1-3) London. Adlord and Sons Ltd., p.1389.

Cherry J.A. 2012. *Ecology of Wetland Ecosystems : Water, Substrate and Life*. *Nature Education Knowledge* 3(10) : 16.

Chopra, P. 1985. *The State of India's environment*. Ambassador Press, New Delhi.

Constanza, R., Ralph D'Arge, Rudolf. De groots, Stephen Forber, Monica Grasso, Bruce Hannon Karin Limburg, Shahid Naeem,

Robert V.O'Neila Jose Parnelo, Robert G. Raskin, Paul Sutton & Marjan Van den Belt 1997. In Value of the World's ecosystem services & Natural Capital, Nature Vol.387.

Cowardin, L.M., Cartar, V., Golet, F.C. and LaRoe, E.T. 1979, Classification of the United States. US Department of the Interior, Fish and Wildlife Service, Washington, DC.

CPCB 2008. Environmental Standards in Water Quality Criteria. Cultural Pollution Control Board, New Delhi, India.

Das, S.M. and Srivastava, V.K. 1959. Studies on fresh water plankton III. Qualitative composition and seasonal fluctuations in plankton components. Proceedings of Natural Academy of Science, India, 29B, 174-189.

Deepa, R.S. and Ramachandra, T.V. 1999 Impact of Urbanization in the interconnectivity of Wetlands. Paper presented at the National Symposium on Remote sensing Applications for Natural Resources : Retrospective and Perspective (XIX – XXI 1999), Indian Society of Remote Sensing, Bangalore.

Dugan, P. 1990, Over view paper for workshop e: wise use: convention on wetlands of International importance especially as water fowl habitat, montreux, Switzerland, June 27 to July 4th 1990, 7 pp.

Faber – Langendoen, D., D.L.Tart & R.H.Crowford 2009. Contours of the revised US national vegetation. Classification standard. Bulletin of the ecological society of America to 90 : 87-93.

Finlayson, C.M. and Spiers, A.G. (ed.) 1999 in global review of wetland resources and priority for wetland inventory –www.science direct.com/science/article/pii/S221458181400010X retrieved on 12.10.14.

Finlayson, C.M. and Vander Valk, A.G. 1995 in Wetland classification and inventory : A summary advances in vegetation science Vol.16, pp.185-192.

Finlayson, C.M. and Moser, M. 1991. Wetlands. Facts on file, New York, 224 pps.

Gambrell 1994 : www.water.nesu. Edu/watersheds/info/wetlands / functions.html retrieved on 22.09.14.

Ganesan, S. 2013 Major irrigation tanks in Trichy to be renovated in the Hindu dt. 05.28.2013.

Gillian J.W. 1994. "Riparian wetlands and water quality. J. environ. Vol.23 : 896-900.

Gopalraj N. 2014 El Nino's Complex Link to Monsoon – Hindu 9th June 2014.

- Grayson, J.E., Chapman, M.G. and Underwood, A.J. 1999. The Assessment and Restoration of Habitat in Urban Wetlands. Elsevier Science, B.V. p.11. S0169-2046(98) 00108-x.
- Grey, N.F. 2005, Water technology. An introduction for Environmental Scientists and Engineers. 2nd edn. Elsevier India Pvt. Ltd., New Delhi.
- Gupta, S.K. and Gupta, R.C. 2006. General and applied Ichthyology (Fish & fisheries). S.Chand and Co., Ltd., Ramnagar, New Delhi. Pp:1130.
- Gupta, S.K. and Dashpanda, R.D. 2004, Water for India in 2050 First order assessment of available options Curr. Sci. 86, 1216. pp.1216-1224.
- Hooker J.Df. 1972-1987. Flora of British India (Vol.1-7) Ashford : Reeve and Co., p.5568.
- Jeyaraj, S. 2011. Tamilnadu tightens rules of conservation of wetland times of India, Chennai edition Feb. 4.
- Job A and Kalavathy, S. 2014. Boundary Analysis of Randomly selected three wetlands over a period in Tiruchirappalli District, Tamil Nadu, India. Environ. We. Int. J. Sci. Tech. 9(2014), 1-9.

- Job A, S. Kalavathy, V. Gokula and Muthukrishnan. Identification of Potential Wetlands in Tiruchirappalli District, Tamil Nadu, India. International Journal of Environment. Vol. 3, Issue – 1.
- Johnston 1991. www.water.nesu.edu/watersheds/info/wetlands/functions.html retrieved on 20.12.2014
- Jonah, S. 1999. Remote sensing application to water resources : Retrospective and perspective. pp.368-377. In : S.Adiga (ed). Proceedings of ISRS National Symposium on Remote sensing applications for Natural Resources Dehradun.
- Kar, D. 2013. In Wetlands and Lakes of the World. Pp.160-185. Springers. India.
- Khadade, S.A. and Mule, M.B. 2003. Studies on Physico-chemical parameters of Pundi water reservoir from Tasgaon Tahsil. I.J. Environ. Prot., 23(9) : 1003-1007.
- Kulasherstha, H. and Sharma, S. 2006. Impact of Mass bathing during Ardhkumbh on water quality status of river Ganga J. Environ. Biol., 27:437-440.
- Kumar, A. and Bahadur, Y. 2009. Physico-chemical studies on the pollution potential of river Kosi at Rampur (India). World J. Agricult. Sci. 5, 1-4.

- Kumar, P. and Gupta, S.K. 2009. Diversity and abundance of wetland birds around Kurukshetra, India. *Our nature* Vol.7 : 212-217.
- Kurian, J. and Nagendran, R. 2004. *Essentials of Environmental Studies*, Pearson Education Pte. Ltd.,
- Lauchlan, H., Fraiser, and Paul, A.K. 2005. *The World's Largest wetlands : Ecology and conservation* Cambridge university Press, UK.
- Lehner. B., and Doll, P. 2004. Development and validation of a global database of lake, reservoirs & wetlands. *J. hydrol* : 296 (1-4), 1-22.
- Loeh, S.L. and Spacie, A. (eds) 1994. *Biological monitoring of aquatic systems*. Lewis Publ. 381 pp.
- Luyiga, S. and Kiwanuka, S. 2003. Plankton composition, distribution and significance in a tropical integrated pilot constructed treatment wetlands in Uganda. *Water Sci. Technol.*, 48(5) : 241-248.
- Mahadev, J. and Hosamani. S.P. 2005. Algae for biomonitoring of organic pollution in two lakes of Mysore city. *Nat. Environ. Polluti. Technol.*, 4:97-99.

- Maisarah A and Kamarangathan J. 2007. Impact of Wetland Urbanization in Kuala Lumpur, Malaysia. International Journal of Energy and Environment. Issue 2, Vol. 1.
- Martin, P. & Haniffa, M.A. 2003. Water quality profile in the South Indian River Tamiraparani. SJEP. 23(3) : 286-292.
- MEA 2005. Millennium Ecosystem Assessment. Ecosystem and Human Wellbeing : Wetlands and Water Synthesis World resources. Institute, Washington. D.C.
- Michael. J, B. Vepraskar, J. Christopher, Cheft and Richardson, J.L. 2000. Wetlands Soils. ebook. ISBN 978-1-4200-2623-8.
- Miller Jr. 2004. Environmental Science. Working with earth 10th Ed., Thomson Learning Academic Resource Centre, USA.
- Mitsch, W.J. and Gosselink, J.G. 1993. Wetlands. 2nd edition. Van Nostrand – Reinhold, New York.
- MoEF 2013. National Wetland Atlas : Wetlands of International importance under Ramsar Convention.
- Narayan S. 2005. Drained India's Inland Wetlands. In Down to Earth March issue
- NBFGR, 2010. 'Threatened Freshwater Fishes of India', National Bureau of Fish Genetic Resource.

NRC, 1995. Wetlands : Characteristics and Boundaries. National Academic Press, Washington D.C.

O'Brien 1988 – www.water.ncsu.edu/watersheds/info/wetlands/values/html. retrieved on 10.08.2014

Odum, E. 1971. "Fundamentals of Ecology" (3rd ed.) Philadelphia, W.B. Saunders.

Palanisamy, K. Meinzen – Dick, R, Giodano, M. 2010. Climate change and water supplies : options for sustaining tank irrigation potential in India, Econ. Polit. Wkly. 45 (26-27). 183-190.

Palanisamy, K. & R.Balasubramanian, 1998. Common property and private property : Tanks Vs. private tanks in Tamil Nadu. Indian Journal of Agricultural Economy. 53:600-613.

Panda, S.P., B.N.Bhol & C.S.K.Mishra. 2004. Water quality status of 5 major temple ponds of Bhubaneswar city. Indian J. Environ. Prot., 24(3):199-201.

Panigrahy S., T.V.R.Murthy, J.G.Patel & T.S.Singh 2012. Wetlands of India : inventory and assessment at 1:50,000 scale using geospatial techniques, current science Vol.102. No.6.

Pant, N., 2004. Unpublished note on tanks in Eastern India. www.iwmi.cgiar.org/iwmi-tata/files/pdf/epw/epw_11.pdf. Retrieved on 12.02.2014

Peavy, H.S., Rowe, D.R. and Tchobanoglous G. 1985. Environmental Engineering. McGraw – Hill book company, Singapore.

Ponnamperuma, F.N. 1972, "The Chemistry of submerged soils Reprinted from Advances in Agronomy Vol.24, Academic Press, Inc.

Prasad, S.N., Ramachandra, T.V. Ahalya, N. Sengupta, T., Alok Kumar, A.K. Tiwari V.S. Vijayan, & Lalitha Vijayan 2002 in conservation of Wetlands of India – a Review, Tropical Ecology 43 (1) : 173-186.

Pramod A.F., Kumara V. and Gowda, H.T.R. 2011. A study on Physico-chemical characteristic of water in wetlands of Habbe range in Bhandra Wildlife sanctuary, mid western Ghat regions, India. J. exp. Sci., 2, 09-15.

Rajendran S., 2014. In Economics and Political Weekly, dt. 21st June.

Rajurkar, N.S., Nongri B. and Partwardhan, A.M. 2003. Physico-chemical and biological investigation of river Umshyrpi at Shillong. Maghalaya. Indian J. Environ. Hlth., 45(1): 83-92.

Ramachandran, S., Sundaramoorthy, S., Krishnamoorthy, R. Devasenathipathy, J. and Thanikachalam, M. 1998 in Application of Remote sensing & GIS to control wetland ecology of Tamil Nadu & Andaman & Nicobar group of islands with special reference to progrooves. Current science, 75(3) : 101-109.

Ramachandran,S., Krishnamoorthy, R., Sundaramoorthy, S., Parviz, Z.F., Kalyanamuthaiah, A. and Dharanirajan, K. 1997 in Management of coastal environment in Tamil Nadu & Anaman & Nicobar islands based on Remote sensing & GIS approach MAEER'S MIT' Pune journal, IV (15 & 16), Special issue on coastal environmental management, pp.129-140.

Ramachandran, S. 1993. Coastal zone information system – Pilot project for Rameswaram area, a report submitted to Department of Ocean development Govt. of India, 40 pp.

Ramsar Secretariat, 2013. List of Wetlands of International Importance. The Secretariat of the Convention on Wetlands. Gland, Switzerland.

Reddy, C.S., C.Pattanaik & M.S.R.Murthy 2007. Assessment and monitoring of magrooves of Bhitarkanika, wildlife santnary, Orissa, India using remote sensing and GIS. Current science 92 : 1409-1415.

Reddy V.M. and Rao, M., 1991. In Bioindicator and Environmental Managements (ed) Jeffry D.W. and Madden. B., pp. 65-78.

Reilly 1991. [www.water.ncsu.edu/water studies / info / wetlands / functions.html](http://www.water.ncsu.edu/water_studies/info/wetlands/functions.html) retrieved on 22.09.2014.

- Richardson, C.J. 1994. Ecological functions and human values in wetlands : A frame work for assessing forestry impact. *Wetlands*, 14(1), pp.1-9.
- Richardson, C.J. and McCarthy, E.J. 1994. Effect of land development and forest management on hydrologic response in South Eastern coastal wetlands : A review *wetlands*, 14(1), pp.56-71.
- Robert C.F., Mothy R., Charles L. and Brad, A. 2009. Satellite remote sensing of related wetlands using objects oriented classification of Lan Sat – data. *Journal wetlands*, Vol.29, No.3, pp.931-941.
- Sachidanandamurthy, K.L. and Yajurvedi, H.N. 2004. Monthly variations in water quality parameters (Physico-chemical) of a perennial lake in Mysore city. *Indian Hydrobiol.*, 7:217-228.
- Sahu, B.K., Rao, R.J., Behara S.K., and Pandit, P.K. 2000. Effect of pollutions on the dissolved oxygen concentration of river Ganga at Kanpur. In : *Pollution and Biomonitoring of Indian Rivers* (Ed : R.K.Trivedy) ABD Publication, Jaipur, India, 168-170.
- Salisbury 1944. www.jstor.org/discover/10.2307/2460817 retrieved on 29.03.2014.
- Salvison, D. 1997. *Wetlands : Mitigation and Developmental Impact* (3rd ed.)

- Santhapu, H. and Henry A.N. 1994. A Dictionary of the Flowering Plants in India. New Delhi : CSIR, p.198.
- Schimper A.F.W. 1903. Plant – Geography upon a Physiological basis. Clarendon Press. Oxford.
- Selvam,V., Ravichandran, K., Gnanappazham L., and Navamuniyammal, M. 2003. Assessment of Community based restoration of Pitchavaram Mongrove wetland using remote sensing data. Current sciences Vol.85. No.6.
- Sharma, B.K. 2007. Environmental Chemistry. Goel publishing house, Meerut, New Delhi.
- Sharma M.R., and Verma, P.S. 2003. Water quality of springs in Hamipur area of outer Himalayas Polln. Res. 22(3) : 369-372.
- Shukla R.S. and Chandel, P.S. 2006. Text Book of Plant Ecology including Ethino Botany and Soil Science. 11th (ed.) S. Chand and Co., Ltd.
- Sikka D.R. 2014 in Down to Earth, [www.downtoearth.org.in / content / elnino-many-land-rainfall – deficit – drought – 2014](http://www.downtoearth.org.in/content/elnino-many-land-rainfall-deficit-drought-2014). retrieved on 28.12.2014.
- Sivasubramaniyan, K. 2008. Why tank systems need to be revitalized. Ess commentary /tanks/sivasubramaniyan

- Sridharen, N., Somasundram, S. and Thiyakesan, S.K. 2011. Status of wetland birds in Kanyakumari, Thanjavur, Cuddalore & Nagapattinam Districts of Tamil Nadu, India J. of Indian forester. Vol. 137. Issue 10, pp.1177-1182.
- Srivastava, R.K. and Srivastava, S. 2003. Assessment of water quality of River Gaur at Jabalpur. IJEP, 23(3) : 282-285.
- Srividya P.V. 2014 – in Economic and political weekly Vol.XLIX No.25, June 21, 2014.
- Steinbery, S.L. and Coonrod, S.H. 1994 Oxidation of the root zone by aquatic plants growing in gravel-nutrient solution culture. J. environ. Ofwal 23: 907-913.
- Sulabha, V and Prakasam, V.R. 2006. Limnological Features of Thirumullavaram Temple Pond of Kollam Municipality, Kerala. Journal of environmental Biology 27(2) : 449-451.
- Taylor 190- [www.water.ncsu.edu/watersheds/info/wetlands /values/](http://www.water.ncsu.edu/watersheds/info/wetlands/values/html) html. retrieved on 10.08.2014
- Thakur, R.K., Jindal, R., Singh, U.B., Ahlu-walia, A.S. 2013. Plankton diversity and water quality assessment of three fresh water lakes of Mundi with special reference to Planktonic indicators. Environ. Monit. Assess. DOI : 10.1007/S10661-013-3178.3

- Tibebu K.M., Ram Mohan Rao, K., Lemlen Abrach, G. 2011. An Integral approach for Spatio-Temporal Variability Analysis of Wetlands : A Case Study of Abaya and Chamo lake, Ethiopia. *Environ. Monit. Assess*, 180 (1-4) 311-3245.
- Trivedy, R.K., Goel, P.K. and Trisal, C.L. 1998. Practical methods in Ecology and Environmental Science. Enviro Media Publications, Karad.
- Vaithyanathan A. 2001. Tanks of South India, Centre for Science and Environment, New Delhi.
- Verry. S. and Timmons, D.R. 1982. Water borne nutrient flow through an upland-wetland watershed in Minnesota. *Ecology* 63:1456-1467.
- Walbridge M.R. and Struthers, J.P. 1993. Phosphorous retention in nontidal alustrine forested wetlands of the mid Atlantic region. *Wetlands* 13:84-94.
- Winter 1988- www.water.ncsu.edu/watersheds/info/wetlands/values/html. retrieved on 10.08.2014
- Wynke D. 1997. Prairie Wetland and Carbon sequestration : Assessing sinks under Kyoto protocol, International Institute for Sustainable Development, Wetlands International and Ducks Unlimited. Inc.

Yanamadala, V. 2005. Calcium Carbonate Phosphate binding ion exchange filtration and accelerated denitrification on improve public health standards and combat eutrophication in aquatic Ecosystems, *Water Environment and Research*, 77(7), 3003.

Zermi S.I.O. & Bauer M.E. 2002. Statellite remote sensing of wetlands. *J. Wetland Ecology & Management* 10:381-402.