## Contents

		Page No
-	the Proceedings	i
Conter		ii - xii
	on the Conference Declaration	xiii - xxi xxii
-	ng Session <u>Welcome Address</u> - Namo Narayan Meena, Union Minister of State, Ministry of Environment and Forests, New Delhi	xxiii – xxiv
	<u>Welcome Address</u> - Hironori Hamanaka, <i>Director General, ILEC</i> <u>Keynote Address</u> - V.L. Chopra, <i>Member Planning Commission, New Delhi</i>	xxv xxvi – xxvii xxviii xxix xxx – xxxi xxxii – xxxiii
Closing	Session	
$\Rightarrow$	Valedictory Address - Namo Narayan Meena, Union Minister of State, Ministry of Environment and Forests, New Delhi	xxxiv – xxxv
	Closing Remarks - M. Nakamura Chairman ILEC Scientific Committee Final Closing Remarks – L.N. Dave, State Minister, Forest, Environment & Mines, Rajasthan, Jaipur,	xxxvi xxxvii - xxxviii
PRESE	NTATIONS:	
Section	n A: Ecology and Biomonitoring	
<u>A1:</u>	<b>R.C. Trivedi:</b> Biological Monitoring of Water Quality in India – needs and contstraints.	1–6
<u>A2</u> : <u>A3:</u>	<ul> <li>(Keynote)</li> <li>Y.G. Kamenir: Ecological Forecast and Reliable Patterns of Taxonomic Size Structure.</li> <li>S. Thippeswamy, M. G. Sequeira and G. C. Suresh: Hydrobiology of Kodige Tank in</li> </ul>	7–11 12–18
<u>A4:</u>	the Western Ghats, India Lalith Rajapakse, Takashi Asaeda and Takeshi Fujino: Adaptations of <i>Eleocharis</i> sphacelata to Water Regime: Modeling of Growth, Morpho-Ecological Traits and	19–24
<u>A5:</u>	Decomposition to Identify Management Needs M.M. Srivastava and S.P. Joshi: Need of Conservation for Freshwater Swamps in Dehra Dun Valley Uttarakhand - An Overview.	25-28
<u>A6:</u>	<b>B.</b> Nagarajan, C. Pandiarajan, M. Krishnamoorthy and P. Sophia: Reproductive Fitness and Success in Mangroves: Implication on Conservation.	29–33
<u>A7:</u>	<b>J. Pandey and Anuya Verma :</b> Ecosystem Level Attributes of a Freshwater Tropical Lake in Relation to Microbial Biomass at Land Water Interface	34–43
<u>A8:</u> <u>A9:</u>	Ganesh Kamath: Bioremediation of Lakes: Myths and Realities Namasivayam Vasudevan, J.D. Silva, K. Hemalatha, D. Walther and K. Thanasekaran: Feasibility Studies on the Impact of Bioremediation Processes in Contaminated Urban Lake Environments	44–49 50–54
<u>A10:</u>	<b>A.K. Tripathi, R.K. Sansi and J.P. Gupta:</b> Pre Monsoon Community Composition and Production Potential of Phyto and Zooplanktons at Jalaser Taal of Mandalgarh, Bhilwara (Rajasthan)	55-66
<u>A11:</u>	Lakshmi Ganesan and R.A. Khan: Studies on the Ecology of Zooplankton in a Floodplain Wetland of West Bengal, India	67-73
<u>A12:</u> <u>A13:</u>	<b>D. Slathia and S.P.S. Dutta :</b> Ecology of Rotifers of Lake Surinsar Jammu, (J&K. State) <b>P.V. Paulose and K Maheshwari:</b> Seasonal Variation in Zooplankton Community Structure of Ramgarh Lake, Jaipur, Rajasthan	74-81 82-87
<u>A14:</u>	<b>G. T. Kedar, G. P. Patil and S. M. Yeole :</b> Effect of Physico-Chemical Factors on the Seasonal Abundance of Zooplankton Population in Rishi Lake	88-91
<u>A15:</u>	<b>Natalia Kuczyńska-Kippen and Barbara Nagengast:</b> Does a Pond Supplied by Lake Water have a Similar Biocoenotic Structure to this Lake?	92-94
<u>A16:</u> <u>A17:</u>	<b>Diya Bhattacherjee:</b> Benthic Invertebrates – A Crucial Tool in Biomonitoring of Lakes <b>Padma Bohra and Razia Sultana:</b> Nematodes as Bio-indicator in Wetland Ecosystem	95-98 99-103

<u>A18:</u>	P. Nayan, R. Pandey, R.N. Prasad, S. Besra and U.P. Sharma, : Studies on Some	104-109
	Aspects of Freshwater Crab Ecology of Kawar Lake Wetland, Begusarai (North Bihar),	
A 10.	India A D. Shankhar, and Sanali Danger, Juffrance of Jungth Wetland Characteristics on Site	110 115
<u>A19:</u>	<b>A.B. Shanbhag, and Sonali Borges :</b> Influence of Innate Wetland Characteristics on Site Selection by Wintering Waterbirds in Tropical Freshwater Wetlands	110-115
<u>A20:</u>	<b>I.R. Gadhvi :</b> Population Dynamics of Waterfowls in Gaurishankar Lake, Bhavnagar,	116-123
11201	Gujarat	110 125
<u>A21:</u>	Sonali D. Borges and A. B. Shanbhag: Food Resource Partitioning Among Waterbirds	124-130
	Wintering on the Diwar Wetland in the Mandovi Estuary of Goa, India	
<u>A22:</u>	Geeta Padate, Sonal Deshkar and Sapna S.: Influence of Narmada Water Inundation	131-136
	on the Duck Populations of Wadhwana Irrigation Reservoir.	
<u>A23:</u>	M. Njiru, J.E. Ojuok, J. Mugo, G. Morara and C. Ngugi: Seasonal Closure of Lake	137-140
	Naivasha: Does it Have Effect on the Fishery?	1 4 1 1 4 0
<u>A24:</u>	W.A.H.P. Guruge and N.J. De S. Amarasinghe: Food Resource Utilization of Three Co-Occurring Carnivorous Fish Species in a Shallow Lowland Reservoir in South	141-148
	Eastern Sri Lanka: Approach to Minimize Competition	
<u>A25:</u>	Shobha Sondhia: Evaluation of Potential Risk of Herbicides Bioaccumulation in	149-151
11201	Fishes	119 101
<u>A26:</u>	Anjali Baishya and Sabitry Bordoloi: Effect of Anthropogenic Stress on the Production	152-155
	of Fish in the Wetlands of Hajo, Kamrup District, Assam.	
<u>A27:</u>	N. Kuczyńska-Kippen: The Occurrence of Keratella Cochlearis (Gosse) in Relation to	156-159
	Season and Station in a Shallow Macrophyte-Dominated Lake	
<u>A28:</u>	Pramila Kumari, Sharda Dhadse, P. R. Chaudhari and S. R. Wate: A Biomonitoring	160-164
<u>A29:</u>	of Plankton to Assess Quality of Water in the Lakes of Nagpur City Shobha Sondhia: Evaluation of Sewage Fed Fisheries in Term of Water Quality Risk of	165-166
<u>A47.</u>	Heavy Metal Contamination and Fish Yield.	105-100
	The system containing on and The Thea.	
Sectio	n B: Lake Water Quality	
<u>B1:</u>	Richard D. Robarts and Sabrina J. Barker Water Quality Monitoring and Assessment:	167-175
-	Current Status and Future Needs. (Keynote)	
<u>B2:</u>	Takashi Okamura: Long-Term Changes in the Water Quality of Lake Biwa	176-183
<u>B3:</u>	Ainon Hamzah and Yanti Hattasrul : Water Quality and Bacterial Study in Tasik Chini, Pahang	184-189
<b>B4:</b>	<b>Dmitri Gudkov and Alexandr Nazarov:</b> The Radionuclides in Lake Ecosystems Within	190-197
<u></u>	the Chernobyl Accident Exclusion Zone: Ten Years of Researches	190 197
<u>B5:</u>	A. H. P. Zanganeh, V. C. Lakhan, and M. Vazyari: Geochemical Aassociations and	198-202
	Grain Size Partitioning of Heavy Metals in Nearshore Sediments Along the Iranian Coast	
	of the Caspian Sea	
<u>B6:</u>	Clevita Eldrida Mascarenhas: Dioxin Analysis Done in South India	203-208
<u>B7:</u>	P.K. Gupta, Surendra S. Nagdali, Priyanka Tewari, Nirmal Singh and Ragini	209-216
<b>B8:</b>	<b>Gupta:</b> Water Chemistry of A National Lake of India: Lake Nainital, Uttarakhand. <b>Sabah-Ul-Solim and Ashwani Wanganeo:</b> Ca <sup>2+</sup> Budget, Factors of Calcite Precipitation	217-224
<u>Do.</u>	in a High Altitude Himalayan Lake	217-224
<u>B9:</u>	<b>P. Purushothaman, and G.J.Chakrapani</b> : Influence of Silicon on Phosphorous	225-230
	Mobilisation in Lake	
<u>B10:</u>	Hideaki Nagare, Isao Somiya and Shigeo Fujii: Influence of the Short-Period	231-236
	Disturbance on Phosphorus Concentration in Lake Biwa, Japan	
<u>B11:</u>	Anusha Kasige, Takashi Asaeda and Takeshi Fujino: Reduction of Dissolved Oxygen	237-244
	and Nitrate Concentrations in Shallow Freshwater Ecosystems Affected by Ultraviolet B	
<b>B12:</b>	Radiation Payal Patel and S.A. Bhatt: Fluoride: A Major Polluting Component of Groundwater in	245-249
<u>D14.</u>	North Gujarat Region India	243-249
<u>B13:</u>	Mohamed Hatha, Abhirosh Chandran and Sherin Varghese: Increased Prevalence of	250-256
	Indicator and Pathogenic Bacteria in the Kumarakom Lake: A Function of Salt Water	
	Regulator in Vembanadu Lake, A Ramsar Site, Along West Coast of India	
<u>B14:</u>	A. Çiçek, N. Arslan, B. Koç, S. Malkoç and Ö. Emiroğlu : Determination of Lead	257-263
	Levels in Lake Water, Sediment, Meiobenthos (Chironomidae) and Three Fish Species	
D17	From Lake Uluabat (A Ramsar Site in Turkey)	064.074
<u>B15:</u>	<b>Kian Siong and Takashi Asaeda:</b> Effect of Magnesium on Charophytes Calcification:	264-274
	Implications for Phosphorous Specification Stored in Plant Biomass and Sediment of Myall Lake, NSW, Australia	
<u>B16:</u>	Ana Lúcia Bahia Lopes and Eduardo von Sperling: Phosphorus Mass Balance in	275-278
	Energy Generation Reservoirs	

<u>B17:</u>	Gholam Hossein Karami and Khadijeh Mahmoodi: Evaluating the Water Quality in	279-282
<b>B18:</b>	Rivers Entering to Golestan Lake, Iran Gholam Hossein Karami and Mahtash Bahmani: Assessing the Heavy Metals	283-285
<u>D10.</u>	Pollution in Rivers Entering to Maharloo Lake, Iran	203 203
<u>B19:</u>	Omkar Singh, S.P. Rai, Vijay Kumar, M.K. Sharma, V.K. Choubey and K.D.	286-291
	Sharma: Water Quality and Eutrophication Status of Some Lakes of The Western	
<b>D</b> 20.	Himalayan Region (India)	202 200
<u>B20:</u>	<b>K.C. Khare and M.S. Jadhav :</b> Water Quality Assessment of Katraj Lake, Pune (Maharashtra, India): A Case Study	292-299
<b>B21</b> :	M. Shuhaimi-Othman, A. Ahmad, I. Mushrifah and E.C. Lim: Season Influence on	300-303
	Water Quality and Heavy Metals Concentration in Tasik Chini, Peninsular Malaysia	500 505
<b>B22:</b>	M. Suneela, G. Radha Krishna, K. Vamsi Krishna, V. Manga Sai, V. Bhargav, K.	304-306
	Syama Sundara Reddy, D.S.S. Srinivas, and J.S.Srinivas: Water and Sediment	
Daa	Analysis of Hussain Sagar Lake, Hyderabad	207 211
<u>B23:</u>	<b>S.D. Vediya and A.K. Shrivastva:</b> Pollution Status of Ambli Lake and Makarba Lake Situated at Ahmedabad Gujarat with Reference to Heavy Metals	307-311
<u>B24:</u>	<b>P.S. Lohar:</b> S Easonal Variations in Physico-Chemical Parameters of Mehroon, Nakane	312-314
<u></u>	and Yashwant Lakes Present in North West Maharashtra	512 511
<b>B25:</b>	P.V. Patil and A. N. Kulkarni : Study of Selected Physicochemical Factors of Reservoir	315-317
	Thodga TQ. Ahmedpur Dist Latur, Maharastra	
<u>B26:</u>	Praveen Tamot, Rajeev Mishra and Somdutt : "Water Quality Monitoring of Halali	318-324
	Reservoir with Reference to Cage Aquaculture as a Modern Tool for Obtaining Enhanced Fish Production"	
<b>B27:</b>	Atsushi Numazawa, Kouichi Okawa, Yoshie Mayama and Akira Horikoshi: Effect	325-328
<u></u>	of Wholescale Water Quality Monitoring by Citizens and Administration Using a Simple	525 520
	Pack Test Carried Out in 56 Rivers Inflowing into Lake Kasumigaura	
<u>B28:</u>	Abdolhossein Parizanganeh: Grain Size Effect on Trace Metals in Contaminated	329-336
Dao	Sediments Along the Iranian Coast of the Caspian Sea	207 241
<u>B29:</u>	Mahesha and A. Balasubramanian: Hydrogeochemical Studies of Dalvoy Lake Ecosystem of Mysore City, India	337-341
<b>B30:</b>	<b>K. Yogendra and E.T. Puttaiah :</b> Determination of Water Quality Index and Suitability	342-346
<u></u>	of an Urban Waterbody in Shimoga Town, Karnataka	512 516
<u>B31:</u>	E. T. Puttaiah and Bhadravathi Rangaswamy Kiran: Heavy Metal Transport in a	347-354
	Sewage-fed Lake of Karnataka, India	
<u>B32:</u>	P. Ramana, S.K. Patil and G. Sankri: Evaluation of Water Quality of Magadi Wetland	355-359
<b>B33</b> :	in Gadag District, Karnataka Prabhu Dan Charan, Anil Patín and K.C. Sharma: Pesticide Contamination in Lake	360-365
<u></u>	Anasagar of Ajmer, Rajasthan	500 505
<u>B34:</u>	V. K. Choubey, M. K. Sharma and V. K. Dwivedi: Water Quality Characteristics of	366-372
	the Upper Bhopal Lake, M.P., India	
<u>B35:</u>	Devendra Mohan, Anil Chaudhary and Shalini Gaur: Patterns of Trace Metals	373-377
<b>B36:</b>	Accumulation in Different Trophic Levels of Lake Kailana, Jodhpur (India) T. Joniak, M. Kraska and P. Klimaszyk: The Influence of Ring Moss Bog on	378-381
<u>D30.</u>	Variability of Water Chemistry of Small Humic Lakes	576-561
-	n C: Biodiversity	
<u>C1:</u>	Nick Aladin: Biodiversity of the Aral Sea and Possible Ways of Rehabilitating and	328-391
<b>C</b> 2.	Conserving its Remnant Water Bodies. (Keynote) K. Venkateraman: Coastel and Marine Wetlands in India (Keynote in Absentia)	392-400
<u>C2:</u> C3:	K. Venkataraman: Coastal and Marine Wetlands in India (Keynote in Absentia) Usha Balaraman : The Unique Fauna of Ephemeral Wetlands of Southern Kerala.	392-400 401-409
<u>C4:</u>	<b>P S Bhatnagar:</b> Alarm Response in Some Wetland Associated Animals.	410-415
<u>C5:</u>	R.J. Rao: Status and Conservation of Aquatic Species Diversity in Certain Water Bodies	416-423
	of Madhya Pradesh	· • · · -
<u>C6:</u>	P. Ramana, S.K. Patil and G. Sankri: Floristic Diversity of Magadi Wetland Area in Codeg District Korneteke	424-429
<u>C7:</u>	Gadag District, Karnataka Shahid A Wani and Ashok K Pandit: Ecological Disturbances and Floristic Diversity	430-434
<u> </u>	Change in Nilnag, A High Altitude Himalayan Lake Under Threat	450-454
<u>C8:</u>	M.Yu. Gorbunov and M.V. Umanskaya: Anoxygenic Phototrophic Bacteria in Small	435-443
	Lakes of Forest-Steppe Region of Volga Basin (European Russia)	
<u>C9:</u>	Mahesh S. Chavadar and Shyam S. Bajekal: South Seeking Magnetic Bacteria from	444-447
C10.	Lonar Lake Vival N. Unasani: Microhiological Studies on Samhhar Lake (Salt of the Earth)	110 AED
<u>C10:</u>	Vivek N. Upasani: Microbiological Studies on Sambhar Lake (Salt of the Earth), Rajasthan, India	448-450
<u> </u>	ngasanan, mana	

<u>C11:</u>	Eduardo von Sperling and Lenora Nunes Ludolf Gomes: Cyanotoxin Generation in	451-455
<u>C12:</u>	Tropical Water Supply Reservoirs <b>H. A. Thakur &amp; K.H. Behere :</b> Study of Filamentous Algal Biodiversity at Gangapur	456-461
<u>C13:</u>	Dam, Nashik Dist. (M.S.), India. M. Shamsul Islam: Phytoplanktonic Diversity Index with Reference to Mucalinda	462-463
<u>C14:</u>	Sarovar, Bodh-Gaya Koorosh Jalilzadeh, A.K., Sadanand, M.Yamakanamardi and K.Altaff: Abundance of Zoonlankton in Three Contrasting Lakes of Musere City, Kerneteka State, India	464-469
<u>C15:</u>	of Zooplankton in Three Contrasting Lakes of Mysore City, Karnataka State, India <b>B.M. Gulam Mohideen, P. Shahul Hameed and C. Shajitha:</b> Studies on the Diversity and Abundance of Cladocerans in Guntur Pond (Tiruchirappalli, Tamilnadu)	470-476
<u>C16:</u>	S. M. Yeole, G. P. Patil and G. T. Kedar : Rotifer Biodiversity of Yedshi Lake, Maharashtra	477-479
<u>C17:</u>	<b>R.V. Tijare and M.R. Thosar:</b> Rotifer Diversity in Three Lakes of Gadchiroli, a Tribal District of Maharashtra (India)	480-483
<u>C18:</u>	Yuwarad Polameesanaporn : Biodiversity of Protozoa in Freshwater Case Study in the Chao-Praya River, Thailand	484-489
<u>C19:</u>	Vipul Sharma, Madhu Sudan Sharma, Heena Malara, Riddhi Sharma and Brijraj Singh Baghela: Trophic Status and Zooplankton Diversity of Lake Jaisamand in Relation to its Physico-Chemical Characteristics	490-495
<u>C20:</u>	M. K. Dev Roy and N. C. Nandi: Brachyuran Biodiversity of Some Selected Brackishwater Lakes of India	496-499
<u>C21:</u>	<b>D.K. Kakavipure and S.G. Yeragi.:</b> Occurrence of Fresh Water Sponge <i>Eunapius</i> <i>Carteri</i> (Bowerrbank 1863) from Khativali – Vehloli Lake Near Shahapur District – Thane, Maharashtra, India.	500-505
<u>C22:</u>	Mousumi Roy and N. C. Nandi: Macrozoobenthos of Some Lacustrine Wetlands of West Bengal, India	506-513
<u>C23:</u>	Santanu Mitra: Benthic Macrofauna of the Coastal Wetlands (Water Pools) Along the Estuary of Subarnarekha River (Balasore : Orissa) and Their Conservation	514-518
<u>C24:</u>	<b>Banita Ningombam and Sabitry Bordoloi :</b> Loktak Lake, Manipur, India A Congenial Habitat for the Amphibian Fauna.	519-524
<u>C25:</u>	Tutul Bortamuli and Sabitry Bordoloi: Wetlands of Sivasagar District of Assam as Congenial Habitat for Amphibia	525-528
<u>C26:</u>	<b>P.S. Gopakumar and P. P. Kaimal :</b> Loss of Wetland Breeding Habitats and Population Decline of White Breasted Water Hen, <i>Amaurornis Phoenicurus Phoenicurus</i> (Pennant) – A Case Study.	529-536
<u>C27:</u>	Jagruti Rathod and Geeta S. Padate: A Comparative Study of Avifauna of A Sub- Urban Wetland and an Irrigation Reserviour of Savli Taluka, District Vadodara	537-541
<u>C28:</u> <u>C29:</u>	D. Mohan and A. Gaur : Avian Diversity Around Jajiwal Pond - A Natural Wetland Dilip Yardi., S.S.Patil, N.N. Bandela and R.G.Auti: Conservation of Birds of Jaikwadi	542-546 547-553
<u>C30:</u>	Dam - A Proposed Ramsar Site, Aurangabad Chhaya Bhatnagar, Karnika Jani, Vinita Sharma, Meenakshi Mahur, Rekha Salvi and Arti Prasad: Aquatic Bird Diversity of Lake Bari (A Component of Udaipur Important Bird Area) with a Special Note on its Habitat Management	554-557
<u>C31:</u>	Sejal Patel and Nishith Dharaiya : Marsh Bird Community Index of Biotic Integrity: A Key to Study an Ecological Condition of Wetlands	558-561
<u>C32:</u>	<b>Tirthankar Banerjee, Kumar Deo Raj and Vipin Misra:</b> Conservation of Natural Fish Population	562-567
<u>C33:</u>	M.Y. Kulkarni, A.N. Kulkarni and V.S. Somvanshi: A Study on Some Aspect of Reservoir Fisheries of Derala Tank, Dist. Nanded, Maharashtra	568-570
<u>C34:</u>	S.R Kapil, A.H.Pawar, K.M. Kulkarni and V.T. Tantarpale: Effects of Cypermethrin on Chromatophores of Freshwater Fish Channa Punctatus	571-577
<u>C35:</u>	Lucian Dragos Gorgan and Sorina Raluca Gherasim : The Study of Phylogenetic Relationships and Genetic Diversity for Carassius' Genera Individuals From Eastern Part of Romania	578-584
<u>C36:</u>	<b>Shalini Gaur:</b> Testudines: Major Component of Aquatic Fauna in Aravalli Foothills of Rajasthan (India) & Conservation	585-590
<u>C37:</u> <u>C38:</u>	Asghar Nawab and Parikshit Gautam : Otters: Can They Be Saved? Satoshi Ichise, Tetsuya Wakabayashi, Kenji Yamashita and Shigeru Aoki: System of Plankton Database Opening to the Public in Lake Biwa	591-596 597-602
<u>C39:</u>	S. M. Govorushko: Natural Risk Related to Lakes	603-608

Sectio	n D: Remote Sensing and GIS Application	
D1:	Sanjoy Nag and Parthasarathi Chakrabarti: Geoinformation for Integrated Watershed	609-616
	Management	
<u>D2:</u>	U. S. Panda, and P.K. Mohanty: Monitoring and Modelling of Chilika Environment Using Remote Sensing Data	617-638
<u>D3:</u>	<b>Bilgehan Nas, Hakan Karabork, Semih Ekercin and Ali Berktay:</b> Assessing Water Quality in the Beysehir Lake (Turkey) by the Application of Gis, Geostatistics And Remote Sensing	639-646
<u>D4:</u>	<b>Reshu Agarwal and J.K. Garg:</b> Knowledge Based Classifier for Wetland Features Extraction Using MODIS Data: A Case Study in Gujarat	647-652
<u>D5:</u>	Humayun Rashid and Gowhar Naseem : Quantification of Loss in Spatial Extent of Lakes and Wetlands in the Suburbs of Srinagar City during Last Century Using Geospatial Approach	653-658
<u>D6:</u>	Arif Amin and Shakil Ahmad Romshoo: Assessing the Hydrologic Characteristics of Dal Lake Catchment Using GIS	659-667
<u>D7:</u>	<b>Bazigha Badar and Shakil Ahmad Romshoo:</b> Assessing the Pollution Load of Dal Lake Using Geospatial Tools	668-679
<u>D8:</u>	Archana Sarkar and Sanjay K Jain : Using Remote Sensing Data to Study Wetland Dynamics – A Case Study of Harike Wetland	680-684
<u>D9:</u>	Abhijeet Bernard Chaves and C. Lakshumanan : Remote Sensing and Gis- Based Integrated Study and Analysis for Wetlands and Mangroves Restoration in Ennore Creek, Chennai, Tamil Nadu	685-690
<u>D10:</u>	Harini Santhanam, S. Amal Raj and K.Thanasekaran: An Interactive Spatial Model of Pulicat Lagoon using Geographic Information System.	691-696
	n E: Watershed and Land use Impacts	
<u>E1:</u>	Bishnu P. Das and Jaygopal Jena: Impact of Mahandi Basin Development on Eco- hydrology of Chilika. (Keynote in Absentia)	697-702
<u>E2:</u>	Rudra Bahadur Raya, Subodh Sharma and Gopal Gurung: Impact of Land Use on Water Quality of Phewa- Lake Pokhara, Nepal	703-716
<u>E3:</u>	Ngangbam Romeji Singh, Kangjam Sonamani Singh and Nayan Sharma: Fluvial patterns in The Loktak Lake Sub-Basin through Two Interlinking Channels	717-731
<u>E4:</u>	<b>A. Katalinic, J. Rubinic and G. Buselic:</b> Hydrology of Two Coastal Karst Cryptodepressions in Croatia: Vrana Lake <i>vs</i> Vrana Lake	732-743
<u>E5:</u>	Maria Conceicao Fidalgo, C. Matos, J.X. Yang and X.Y. Chen : Assessment, Forecast, Control and Monitoring Technologies for different Watershed Area, Configuration and Land-Use. Different Scales Comparison in Europa and China	744-755
<u>E6:</u>	Atsushi Numazawa, Kazuo Ichimura, Toshio Takishita and Haruki Ito : Limnological Evaluation of Artificial Development in Littoral Zone of Lake Kasumigaura, a Typical Maritime Lagoon Lake in Japan	756-759
<u>E7:</u>	Brijesh K. Yadav, Ashok K. Keshari and Maarten A. Siebel : Forecasting Catchment Flows for A Coastal Lake using Artificial Neural Network	760-765
<u>E8:</u>	<b>Manoj P. Samuel and A.C Mathew:</b> Rejuvenation of Water Bodies by Adopting Rainwater Harvesting and Groundwater Recharging Practices in Catchment Area- A Case Study	766-776
<u>E9:</u>	M. O. Okelo, J. O. Onyando, W. A. Shivoga and S. N. Miller: Assessment of Infiltration Using a Mini Rainfall Simulator in the River Njoro Watershed	777-786
<u>E10:</u>	<b>P. Klimaszyk, B. Nagengast and N. Kuczyńska-Kippen:</b> Overland Flow as a Source of Mineral and Organic Compounds for the Lake	787-789
<b>0</b>		
	n F: Eutrophication and its control	700 700
<u>F1:</u>	<b>C.H.D. Magadza:</b> Management of Eutrophication in Lake Chivero; Success and failures: A Case Study. (Plenary)	790-798
<u>F2:</u>	Sven Erik Jorgensen: Modelling the Eutrophication. (Keynote)	799-811
<u>F3:</u>	Arun Kumar: Hypolimnic Withdrawal for Lake Conservation. (Keynote)	812-818
<u>F4:</u>	Yuichi Sato, Jaegyu Kim, Toshihide Takada, Hideaki Nagare, Eiji Komatsu, Takashi Yuasa and Hiroshi Uehara: Hydrological and Material Cycle Simulation in Lake Biwa Basin Coupling Models About Land, Lake Flow, and Lake Ecosystem	819-823
<u>F5:</u>	Sung-Ryong Ha and Jae-Yil Lee: Application of CE-QUAL-W2 Model to Eutrophication Simulation in Daecheong Reservoir Stratified by Turbidity Storms	824-833
<u>F6:</u>	Sarawuth Chesoh, Lim, Apiradee and Tongkumchum Phattrawan: Model Predicting Chlorophyll-a Concentration as an Index of Potential Occurrence Eutrophication in Songkhla Lake, Thailand	864-839
		-

<u>F7:</u>	G. Panduranga Murthy, B.C. Shivalingiah, Leelaja Shankar and P. Hosmani:	840-843
70	Trophic State Index in Conservation of Lake Ecosystems	
<u>F8:</u>	S. Terzić, N. Mikac, V. Roje, J. Dautović, I. Mikac and M. Ahel: Chemical Indicators	844-850
	of Anthropogenic Impacts on the Plitvice Lakes (Croatia) – Lessons for Lakes Conservation and Environmental Management.	
<u>F9:</u>	M. K. Sharma, V. K. Choubey and V. K. Dwivedi : Phosphorous Modelling of Upper	851-856
_	Bhopal Lake Using Best Subset Procedure	
<u>F10:</u>	R. Gołdyn, K. Kowalczewska-Madura, R. Dondajewska, A. Budzyńska, P. Domek	857-860
<b>D11</b> .	and W. Romanowicz: Functioning of Hypertrophic Uzarzewskie Lake Ecosystem	961.962
<u>F11:</u>	<b>P. Klimaszyk, T. Joniak, T. Sobczyński and W. Andrzejewski:</b> Can a Cormorant ( <i>Phalacrocorax Carbo</i> 1.) Colony be a Factor of Ostrowieckie Lake Eutrophication?	861-863
<b>F-12:</b>	Sayali Joshi and Sandeep Joshi : Ecotechnological Applications for the Control of Lake	864-867
	Pollution.	
<b>.</b>		
	n G: Pollution Abatement	070 001
<u>G1:</u>	Nitai Kundu, Mausumi Pal, Sharmistha Saha.: East Kolkata Wetland: A Resource Recovery System Through Productive Activities. (Plenary)	868-881
<u>G2:</u>	<b>Tsugihiro Watanabe:</b> Management of Paddy Field Conditions for Migratory Birds	882-888
	Linking Together with Lake Environment Conservation. (Keynote)	
<u>G3:</u>	Sandeep Joshi: Invasive Species- Ecological Corrections for control of pollution.	889-893
<b>C</b> (	(Keynote)	004.005
<u>G4:</u>	<b>A.K. Gupta, N.G.Shrivastva and Arjesh Shrama :</b> Pollution Technologies for Conservation of Lakes	894-905
<u>G5:</u>	G. Pan, H. Chen, H. Zou, B. Tian, X. Yuan, J. Chen, M. Zhang and B. Yang :	906-913
<u></u>	Successful Removal of Harmful Algae Blooms and Reversal of Eutrophication: A Pilot	200715
	Study for The Sustainability of Modified-Local-Soil (MLS) Technology in Taihu Lake	
<u>G6:</u>	Machiko Nishino: Towards the Restoration of the Reclaimed "Hayasaki Lagoon"	914-917
	Around Lake Biwa, Central Japan	010.000
<u>G7:</u>	Shyam S. Bajekal and Neelam S. Dharmadhikari: Use of Polyphosphate	918-922
<b>G8:</b>	Accumulating Organisms (PAO) for Treatment Of Phosphate Sludge Ajay Popat and Partha Chakravarty: Conserving Lakes and Water Bodies through	923-932
<u>uu.</u>	State-of-the-Art Sewage Treatment Technologies	725 752
<u>G9:</u>	M. Geetha and M.H. Fulekar: Bioremediation of Pesticides in a Developed Bioreactor	933-935
	for Conserving Aquatic Ecosystem	
<u>G10:</u>	Taizo IDA, Shuichi Nakajima and Kenji Sakai: The Study on the Mechanism of Blue	936-940
C11.	Tide in Lake Abashiri and the Measures to Control it Masahiro Asano, Ryoichi Hinokio, Fumihiko Jiku and Kenichi Saito: The Treatment	941-943
<u>G11:</u>	of the Humic Substance from A Domestic Wastewater Treayment Device Effluent	941-945
<u>G12:</u>	Neeta Sharma and Jatinder Singh: Removal of $Zn^{+2}$ Ions from Aqueous Solution	944-951
	Using Rice (Oryza sativa) Husk in a Sequential Bed Adsorption Column	
<u>G13:</u>	Alok Mittal, Dipika Kaur and Jyoti Mittal: Batch Studies for the Removal of a	952-959
	Hazardous Dye, Fast Green FCF from Wastewater through Adsorption over Waste	
<u>G14:</u>	Materials – Bottom Ash and De-Oiled Soya Margaret Wachu Gichuhi: Ecological Management of Lake Nakuru Catchment Area.	960-964
<u>014.</u>	Margaret Wachu Ofenum. Leologicar Management of Lake Wakuru Cateminent Area.	700-704
Section	n H: Constructed Wetlands	
<u>H1:</u>	J. Vymazal: Constructed Wetlands for Wastewater Treatment: A Review. (Keynote)	965-980
<u>H2:</u>	S.K. Billore, Prashant and J.K. Sharma : Restoration and Conservation of Stagnant	981-987
	Water Bodies by Gravel-Bed Treatment Wetlands and Artificial Floating Reed Beds in Tropical India	
<u>H3:</u>	<b>Deblina Ghosh:</b> Designing Wetlands for Sustainable Restoration of Lakes	988-994
H4:	Vipat Vinita, U.R. Singh and S.K. Billore : Efficacy of Rootzone Technology for	995-1003
	Treatment of Domestic Wastewater: Field Scale Study of a Pilot Project in Bhopal (MP),	
	India.	
<u>H5:</u>	Izharul Haq Farooqi, Farrukh Basheer and Rahat Jahan Chaudhari: Constructed	1004-1009
<u>H6:</u>	Wetland System (CWS) for Wastewater Treatment Njenga Mburu, G.M. Thumbi, and A.O. Mayabi: Removal of Bacterial Pathogens	1010-1015
110.	from domestic Wastewater in a Tropical Subsurface Horizontal Flow Constructed	1010-1013
	Wetlands	
<u>H7:</u>	Sukha Ram Vishnoi, and P. N Srivastava : Phytoremediation – Green for	1016-1021
	Environmental Clean	
1		1

<u>H8:</u>	Maria Conceicao Fidalgo, C. Matos, J.X. Yang and X.Y. Chen: Water Erosion Control Using the Fetch Calculator. Applications for Constructed Wetlands Full-Scale Design and Natural Wetlands Restoration. A Control Case-Study for Dianchi Lake	1022-1027
<u>H9:</u>	(Kunming, P.R.China). Lilit Vardanyan, K. Schmieder, H. Sayadyan, T. Heege, J. Heblinski, and T. Agyemang: Heavy Metal Accumulation by Certain Aquatic Macrophytes from Lake Sevan (Armenia).	1028-1038
Section	n I: Invasive Species	
<u>I1:</u>	Jay G. Varshney, Sushilkumar and J.S. Mishra: Current Status of Aquatic Weeds and	1039-1045
<u>12:</u>	Their Management in India Annik Schnitzler and Damien Aumaitre: Invasiveness, Invasibility in Floodplains	1046-1050
<u>I3:</u>	Submitted to Changes in Land Use. Sunil S. Shaha and Chandrasen F. Rajemahadik : Control of Water Hyacinth – A Case Study	1051-1057
<u>I4:</u>	<b>G. Thiébaut, F. Nino Di, M.C. Peltre and P. Wagner:</b> Management of Aquatic Exotic Plants: The Case of <i>Elodea Species</i>	1058-1066
<u>15:</u>	Aijaz Hassan Ganie, Zafar Reshi and B.A. Wafai : Multiple Reproductive Strategies Contribute to Invasiveness of <i>Potamogeton Crispus</i> L. (Potamogetonaceae) In Freshwater Ecosystems of Kashmir Himalaya, India	1067-1073
<u>I6:</u>	<b>U. G. Basarkar and S. R. Khandelwal:</b> Control of Weed <i>Parthenium hysterophorus</i> L. by Inhibiting Pollen Germination and Pollen Tube Growth	1074-1081
<u>17:</u>	<b>Tomiji Hagiwara:</b> The invasion of Japan by an exotic bitterling, <i>Aceilognathus macropterus</i> , and its effects	1082-1087
Section	n J: Climate Change	
<u>J1:</u>	<b>Syed Iqbal Hasnain :</b> Impact of Climate Change on Himalayan Glaciers and Glacier Lakes. <b>(Keynote)</b>	1088-1091
<u>J2:</u>	<b>Deganovski Arkadi Mihailovich and Brook Abate Getahun:</b> Level Regime and Water Balance of Ethiopian Lakes as Integral Indicators of Climate Change	1092-1102
<u>J3:</u>	Mubashir Jeelani, H. Kaur and Ravinder Kumar: Impact of Climate Warming on the Biodiversity of Freshwater Ecosystems of Kashmir, India	1103-1109
<u>J4:</u>	Miyakawa Toshihiko: Chad Basin and Sahel Climate Change Project by the Congo Water Uplifting Over the Plateau	1110-1113
<u>J5:</u>	<b>R.S. Khoiyangbam, Shree Ganesh and Gayatri Singh:</b> Evaluation of Methane Emissions from Urban Wetlands in Jhansi, Uttar Pradesh	1114-1121
Section	n K: Legal / Regulatory Measures	
<u>K1:</u>	<b>Orlane Anneville, Christina Kaiblinger, Remy Tadonleke, Jean-Claude Druart and</b> <b>Martin Dokulil:</b> Contribution of Long-Term Monitoring in the European Water Framework Directive Implementation ( <b>Plenary</b> )	1122-1131
<u>K2:</u>	<b>Toyohisa Nakamura:</b> The Framework of the Regulation And Problem of the Factory Draining in Shiga Prefecture	1132-1136
<u>K3:</u>	Marina Seliverstova : Current Russian Water Legislation	1137-1141
<u>K4:</u>	Aboud S. Jumbe, N. Nandini and Sucharita Tandon: Legal Aspects of Surface Water Pollution in India: an Overview of Existing Statutory Frameworks in Management of Lake Ecosystems	1142-1148
<u>K5:</u>	Gaurav Garwa and Govind Ram Meena: Conservation of Lakes: Legal Solutions	1149-1153
Section	n L: Institutional Mechanism	
<u>L1:</u>	<b>A.K. Pattnaik:</b> Institutional Mechanism for Monitoring and Evaluation. (Keynote)	1154-1157
<u>L2:</u>	Priyadarsanan Dharma Rajan, Seema Purushothaman, Siddhartha Krishnan, Kiran, M.C., Deepak, D. and Jojo. T.D.: Strengthening Communities and Institutions for Sustainable Management of Vembanad Backwaters, Kerala.	1158-1163
	n M: Economic Instruments	1164 1160
<u>M1:</u> <u>M2:</u>	Adelina C. Santos-Borja: Carbon Credits for Managing the Laguna De BayBasinManabu Kondo:Development of the Water Trading Market in Australia:Teachings toJapan	1164-1169 1170-1178

NI:         C.K. Sasidharan and P. Sivanandan: Focus on Resource Management Issues for Eco Tourism Development – A Case Study of Ashtamud Eruary.         1179-118           Ni:         Mir Mehrdad Mirsanjari, Kambiz A. Angali, K.N.Dhumal and R. S. Gavali: Importance of Lakes Potential for Development of Ecotourism in Pune District.         1186-119           Ni:         Reigendra Nigan: Development of Tourism Infrastructures on the Lakes—Its Necessity - Scope - Limitations and Pollution.         1197-118           Section O. Social Cultural Aspects and Community Participation for Management Frameworks: Lessons from Rajasthan         1202-120           Q1:         Sandeeg Joshi S Statimable Management Plans for Urban Lakes in India Restoration Project         1202-120           Q3:         A.H.P. Zanganeh, H. Jalalia and M.Yardani: Evaluation of Socio-Economic and Restoration Project         1224-121           Q4:         N.N. Kale: Ecology and socio-economic study of Manjura Reservoir, Dist. Beed, Maharashra.         1222-123           Q5:         Amado Tolentino : The People of Lake Kutuh Promoting Cultural Heritage and Duma, the Godess Guard of Lake Paniai, Papua, Indonesia         1220-122           Q5:         Narfai Yogi, Ede Rante Tasak, Gadis Sri Haryani and Participation in Implementing Integrated Sustainable Conservation Plan of Ansupa Lake, a Fanous Wetland of Orissa         1224-124           Q5:         Darake Kar Jitendra Sharma and J. Yogalakshmi: Participatory Wildlifc Conservation Masaynes for Sustainative Livelihodo of Raral Communitites. A Case Study Oportunities and Constraints <th>Section</th> <th>n N: Ecotourism</th> <th></th>	Section	n N: Ecotourism	
Nir Mehrdad Mirsanjari, Kambiz A. Angali, K.N.Dhumal and R. S. Gavali: Importance of Lakes Potenial for Development of Ecotourism in Pane District.         1186-119.           Georgeta Rafa, Cornelia Petroman and I. Petroman: Eco-Tourism Terms: A Hybrid Vocabulay.         1197-119.           Section C: Social Cultural Aspects and Community Participation for Management Frameworks: Lessons from Rajasthan         1200-120           Section C: Social Cultural Aspects and Community Participation for Management Frameworks: Lessons from Rajasthan         1202-120           Q2         Partiosh Gupta, K.K. Mathur and Ashish Dus : Innovative Lake Management Frameworks: Lessons from Rajasthan         1202-120           Q3         ALLP. Zanganeh, H. Jatalian and M.Yazdani: Evaluation of Socio-Economic and Bavionmental Impacts of Watershed Management: A Case Study of Zanjan Ru Restoration Project         1214-121           Q4         N.N. Kule: Ecology and socio-economic study of Manjara Reservoir, Dist. Beed, Maharashtra.         1222-122           Q4         Naket Tosko, Gadis Sri Haryani and Peter E. Hehanussa : Muna Duma, the Goddess Guard of Lake Panini, Papua, Indonesia         1232-123           Q4         Sarmistha Mohanty and C.R. Das: Community Mobilisation and Participation in Implementing Integrated Sustainable Conservation Plan of Ansup Lake, a Famous Wetland of Orissa         1240-124           Q5         Farzaneh Shaikh Khatibi, Sadanand M. Yamakanamardi and M. Indira. : Can NOSO Play a Positive Role of NOSO in Conservation of Lakes? Opportunities and Constraints         1240-124		C.K. Sasidharan and P. Sivanandan: Focus on Resource Management Issues for Eco	1179-1185
N2:       Georgeta Rati, Cornelia Petroman and I. Petroman: Eco-Tourism Terms: A Hybrid Vocabulary.       1197-119         N4:       Rajendra Nigam: Development of Tourism Infrastructures on the Lakes—Its Necessity - - Scope - Limitations and Pollution.       1200-120         Section O: Social Cultural Aspects and Community Participation for Management Francowsks: Lessons from Rajasthan       1202-120         O1:       Sandeep Joshi : Sustainable Management Plans for Urban Lakes in India       1202-120         O2:       Paritosh Gupta, K K Mathur and Ashish Dua : Innovative Lake Management Francowsks: Lessons from Rajasthan       1208-121.         O3:       A.H.P. Zanganeh, H. Jalalian and M.Yazdani: Evaluation of Socie-Economic and Biological Diversity in Papua New Guinea       1220-122.         O4:       N.N Kale: Ecology and socie-economic study of Manjara Reservoir, Dist. Beed, Maharashira.       1222-123.         O5:       Anado Telentino : The People of Lake Kutubu Promoting Cultural Heritage and Duma, the Goddess Carad of Lake Faniai, Papu, Indonesia       1222-123.         O7:       R.K. Suri: Enviro-Edu-Enterainment (Wetland Quiz & Tambola) – A Tool for Falucation & Avareness on Wetland       1240-124.         O8:       Sarmistha Mohanty and C.R. Das: Community Mobilisation and Participation in Implementing Integrated Sustainable Conservation of Lakes and Wetlands: Linking The Local and The Global Perspective       1247-125.         O1:       Farzaneth Shaikh Khathi, Sadamand M Yamakanamardi and M. Indira. : Can NGOs Play a Positive Role in	<u>N2:</u>	Mir Mehrdad Mirsanjari, Kambiz A. Angali, K.N.Dhumal and R. S. Gavali:	1186-1196
N4:         Rajendra Nigam: Development of Tourism Infrastructures on the Lakes—Its Necessity - Scope - Limitations and Pollution.         1200-120           Section 0: Social Cultural Aspects and Community Participation for Management Prameworks: Lessons from Rajasthan         1202-120           O2:         Paritosh Gupta, K K Mathur and Ashish Dua : Innovative Lake Management Prameworks: Lessons from Rajasthan         1202-120           O3:         A.H.P. Zanganch, H. Jatalian and M.Yazdani: Evaluation of Socio-Economic and Environmental Impacts of Watershed Management: A Case Study of Zanjan Rud Restoration Project         1224-122           O4:         NA Kale: Ecology and socio-economic study of Manjara Reservoir, Dist. Beed, Mahanshira.         1222-123           O5:         Amado Tolentino : The People of Lake Kutubu Promoting Cultural Heritage and Biological Diversity in Papua New Guinea         1222-123           O5:         Naftali Yogi, Edie Rante Tasak, Gadis Sri Haryani and Peter E, Hehanussa : Muna Duma, the Goddess Gurad O Lake Katubu Promoting Cultural Heritage and Biological Diversity in Papua New Guinea         1222-123           O6:         Naftali Yogi, Edie Rante Tasak, Gadis Sri Haryani and Peter E, Hehanussa : Muna Duma, the Goddess Gurad O Lake Famia, Papu, Indonesia         1224-124           O8:         Sarmistha Mohanty and C.R. Das: Community Mobilisation and Participation in Implementing Integrated Sustainable Conservation of Lakes, a Famous Wetland of Orisas         1240-124           O9:         D. Rajasekar Jitendra Sharma and J. Yogalakshmi: Participatory Wildlife Con	<u>N3:</u>	Georgeta Rață, Cornelia Petroman and I. Petroman: Eco-Tourism Terms: A Hybrid	1197-1199
Section O: Social Cultural Aspects and Community Participation for Management         1202-120           O1:         Sandeep Joshi : Sustainable Management Plans for Urban Lakes in India         1202-120           O2:         Paritosh Gupta, K K Mathur and Ashish Dua : Innovative Lake Management         1208-121.           Frameworks: Lessons from Rajastshan         1202-120         1208-121.           O3:         A.H.P. Zanganch, H. Jalalian and M'Azadani: Evaluation of Socio-Economic and Environmental Impeats of Watershed Management: A Case Study of Zanjan Rud Restoration Project         1214-121           O4:         N.N Kale: Ecology and socio-economic study of Manjara Reservoir, Dist. Beed, Maharashtra.         1220-122.           O5:         Amado Tolentino : The People of Lake Kutubu Promoting Cultural Heritage and Duma, the Goddess Guand of Lake Pamia; Papu, Indonesia         1222-123           O7:         R.K. Suri: Enviro-Edu-Entertainment (Wetland Quiz & Tambola) – A Tool for Education & Awareness on Wetland         1222-123           O8:         Sarmistha Mohanty and C.R. Das: Community Mobilisation and Participatory Wildlife Conservation in Keshopur Chhamb Community Reserve (India's First) in Punjab – Past, Present and Future Management Strategies         1247-125           O1:         Jaysthree Singh: The Role of NGOS in Conservation of Cakes and Wetlands: Linking The Local and The Global Perspective         1245-126           O1:         Jaysthree Singh: The Role of NGOS in Conservation of Cakes Study in West Bengal         1272-127<	<u>N4:</u>	Rajendra Nigam: Development of Tourism Infrastructures on the Lakes-Its Necessity -	1200-1201
11:         Sandeep Joshi ; Sustainable Management Plans for Urhan Lakes in India         1202-120           12:         Paritosh Gupta, K K Mathur and Ashish Dua : Innovative Lake Management Frameworks: Lessons from Rajasthan         1208-121.           13:         A.H.P. Zanganeh, H. Jalalian and M.Yazdani: Evaluation of Socio-Economic and Environmental Impacts of Watershed Management: A Case Study of Zanjan Rud Restoration Project         1214-121.           14:         N. Kale: Ecology and socio-economic study of Manjara Reservoir, Dist. Beed, Maharashtra.         1220-122.           15:         Amado Tolentino : The People of Lake Kutubu Promoting Cultural Heritage and Biological Diversity in Papua New Guinca         1220-123.           16:         Naftali Yogi, Edic Rante Tasak, Gadis Sri Haryani and Peter E. Hehanussa : Muna Dum, the Goddess Guard of Lake Paniai, Papua, Indonesia         1222-123.           17:         R.K. Suri: Enviro-Edu-Entertainment (Wetland Quiz & Tambola) – A Tool for Education & Awareness on Wetland         1240-124.           18:         Sarmistha Mohanty and C.R. Das: Community Mobilisation and Participatory Wildlife Conservation in Koshopur Chhamb Community Reserve (India's First) in Panjab – Past, Present and Future Management Strategies         1247-125.           19:         Jaykree Singhi: The Role of NGOS in Conservation of Lakes and Wetlands: Linking The Local and The Global Perspective         1254-126.           11:         Jaykree Singhi: The Role of NGOS in Conservation of Lakes Mazumdar : Water Conservation Measures for Sustainable Livelibood of		- Scope Limitations and Pollution.	
11:         Sandeep Joshi ; Sustainable Management Plans for Urhan Lakes in India         [202:120]           12:         Paritosh Gupta, K K Mathur and Ashish Dua : Innovative Lake Management Frameworks: Lessons from Rajasthan         [208-121]           13:         A.H.P. Zanganch, H. Jalalian and M.Yazdani: Evaluation of Socio-Economic and Environmental Impacts of Watershed Management: A Case Study of Zanjan Rud Restoration Project         [214-121]           14:         N. Kale: Ecology and socio-economic study of Manjara Reservoir, Dist. Beed, Maharashtra.         [220-122]           15:         Amado Tolentino : The People of Lake Kutubu Promoting Cultural Heritage and Biological Diversity in Papua New Guinca         [220-123]           16:         Naftali Yogi, Edic Rante Tasak, Gadis Sri Haryani and Peter E. Hehanussa : Muna Duma, the Goddess Guard of Lake Paniai, Papua, Indonesia         [212-123]           17:         R.K. Suri: Enviro-Edu-Entertainment (Wetland Quiz & Tambola) – A Tool for Education & Awareness on Wetland         [214-124]           18:         Sarmistha Mohanty and C.R. Das: Community Mobilisation and Participatory Wildlife Conservation in Keshopur Chhamb Community Reserve (India's First) in Punjab – Past, Present and Future Management Strategies         [214-124]           19:         Jaykree Singhi: The Role of NGOS in Conservation of Lakes and Wetlands: Linking The Local and The Global Perspective         [214]         [224-126]           11:         Jaykree Singhi: The Role of NGOS in Conservation of Lakes Mazumdar : Water Conservation Measures for S	Section	n O: Social Cultural Aspects and Community Participation for Management	
92:       Paritosh Gupta, K K Mathur and Ashish Dua : Innovative Lake Management Frameworks: Lessons from Rajasthan       1208-121.         93:       A.H.P. Zanganch, H. Jalalian and M.Yazdani: Evaluation of Socio-Economic and Restoration Project       1214-121:         94:       N.N Kale: Ecology and socio-economic study of Manjara Reservoir, Dist. Beed, Maharashtra.       1220-122.         95:       Amado Tolentino : The People of Lake Kutubu Promoting Cultural Heritage and Biological Diversity in Papua New Guinea       1224-122.         96:       Naftal' Yogi, Edle Rante Tasak, Gadis Sri Haryani and Peter E. Hehanussa : Muna Duma, the Goddess Guard of Lake Paniai, Papua, Indonesia       1229-123.         97:       R.K. Suri: Enviro-Edu-Entertainment (Wetland Quiz & Tambola) – A Tool for Education & Awareness on Wetland       1240-124.         98:       Sarmistha Mohanty and C.R. Das: Community Mobilisation and Participation in Implementing Integrated Sustainable Conservation Plan of Ansupa Lake, a Famous Wetland of Orissa       1240-124.         99:       D. Rajasekar Jitendra Sharma and J. Yogalakshmi: Participatory Wildlife Conservation in Keshopur Chhamb Community Reserve (India's First) in Punjab – Past, Present and Future Management for More in Conservation of Lakes?       1247-125.         9010:       Farzaneh Shaiki Khatibi, Sadanand M Yamakanamardi and M. Indira. : Can NGOS Play a Positive Role of NGOS in Conservation of Lakes and Wetlands: Linking The Role of NGOS in Conservation of Lakes?       1247-125.         911:       Jayshree Singh: The Role of NGOS in Conservation			1202-1207
03:       A.H.P. Zanganeh, H. Jalalian and M.Yazdani: Evaluation of Socio-Economic and Environmental Impacts of Watershed Management: A Case Study of Zanjan Rud Restoration Project       1214-121:         04:       N.N Kale: Ecology and socio-economic study of Manjara Reservoir, Dist. Beed, Maharashtra.       1220-122.         05:       Amado Tolentino : The People of Lake Kutubu Promoting Cultural Heritage and Biological Diversity in Papua New Guinea       1229-123.         06:       Naftali Yogi, Edie Rante Tasak , Gadis Sri Haryani and Peter E. Hehanussa : Muna Duma, the Goddess Guard of Lake Paniai, Papua, Indonesia       1232-123.         07:       R.K. Suri: Enviro-Edu-Entertainment (Wetland Quiz & Tambola) – A Tool for Education & Awareness on Wetland       1240-124.         08:       Sarmistha Mohanty and C.R. Das: Community Mobilisation and Participation in Implementing Integrated Sustainable Conservation Plan of Ansupa Lake, a Famous Wetland of Orissa       1240-124.         09:       D. Rajasekar Jitendra Sharma and J. Yogalakshmi: Participatory Wildlife Conservation in Keshopur Chhamb Community Reserve (India's First) in Punjab – Past, Present and Future Management Strategies       1240-124.         011:       Jayshree Singh: The Role of NGOS in Conservation of Lakes and Wetlands: Linking The Local and The Global Perspective       1263-127.         012:       Rex Turner: Enhancing Lake-Focused Education Through the Establishment of a State Wide not-for-Profit Organization.       1272-127.         013:       Pankaj Kumar Roy, Subhasish Das, Motaleb Mondal and Asis Mazumdar		Paritosh Gupta, K K Mathur and Ashish Dua : Innovative Lake Management	1208-1213
04: Maharashtra.         N.N. Kale: Ecology and socio-economic study of Manjara Reservoir, Dist. Beed, Maharashtra.         1220-122           05: Maharashtra.         Amado Tolentino : The People of Lake Kutubu Promoting Cultural Heritage and Biological Diversity in Papua New Guinea         1224-122           06: Maftali Yogi, Edic Rante Tasak, Gadis Sri Haryani and Peter E. Hehanussa : Muna Duma, the Goddess Guard of Lake Paniai, Papua, Indonesia         1229-123           07: R.K. Suri: Enviro-Edu-Entertainment (Wetland Quiz & Tambola) – A Tool for Education & Awareness on Wetland         1240-124           08: Sarmistha Mohanty and C.R. Das: Community Mobilisation and Participator Wildlife Conservation in Keshopur Chhamb Community Reserve (India's First) in Punjab – Past, Present and Future Management Strategies         1247-125           010: Farzaneh Shaikh Khatibi, Sadanand M Yamakanamardi and M. Indira. : Can NGOS Play a Positive Role in Involvement of Women in Conservation of Lakes? Opportunities and Constraints         1263-127           011: Jayshree Singli: The Role of NGOS in Conservation of Lakes and Wetlands: Linking The Local and The Global Perspective         1272-127           012: Rex Turner: Enhancing Lake-Focused Education Through the Establishment of a State Wide not-for-Profit Organization.         1278-128           014: R. R. Mahajan, M.Z. Chopda, T.R. Sabale and R.N. Deshmukh: Livestock Economy in Relation to Bhaunak Watershed of Jalgaon District – A Case Study in West Bengal         1295-130           014: R. R. Mahajan, M.Z. Chopda, T.R. Sabale and R.N. Deshmukh: Livestock Economy in Relation to Bhaunak Watershed of Jalgaon District –	<u>03:</u>	A.H.P. Zanganeh, H. Jalalian and M.Yazdani: Evaluation of Socio-Economic and Environmental Impacts of Watershed Management: A Case Study of Zanjan Rud	1214-1219
95:       Amado Tolentino : The People of Lake Kutubu Promoting Cultural Heritage and Biological Diversity in Papua New Guinea       1224-122:         96:       Naftali Yogi, Edie Rante Tasak, Gadis Sri Haryani and Peter E. Hehanussa : Muna Duma, the Goldess Guard of Lake Paniai, Papua, Indonesia       1229-123         97:       R.K. Suri: Enviro-Edu-Entertainment (Wetland Quiz & Tambola) – A Tool for Education & Awareness on Wetland       1232-123         98:       Sarmistha Mohanty and C.R. Das: Community Mobilisation and Participatory Wildlife Conservation in Keshopur Chhamb Community Reserve (India's First) in Punjab – Past, Present and Future Management Strategies       1247-125.         910:       Farzaneh Shaikh Khatibi, Sadanand M Yamakanamardi and M. Indira. : Can NGOs Play a Positive Role in Involvement of Women in Conservation of Lakes? Opportunities and Constraints       1263-127         911:       Jayshree Singh: The Role of NGOS in Conservation of Lakes?       1263-127         912:       Rex Turner: Enhancing Lake-Focused Education Through the Establishment of a State Uwest Bengal       1272-127         913:       Pankaj Kumar Roy, Subhasish Das, Motaleb Mondal and Asis Mazundar : Water Conservation Measures for Sustainable Livelihood of Rural Communities: A Case Study in West Bengal       1284-129         914:       R.T. Mahajan, M.Z. Chopda, T.R. Sabale and R.N. Deshmukh: Livestock Economy in Relation to Bhaunak Watershed of Jalgaon District – A Case Study in West Bengal       1301-130         915:       A. K. Das, N. P. Shrivastary, K. K. Vass and B. L. Pandey: Manag	<u>04:</u>	N.N Kale: Ecology and socio-economic study of Manjara Reservoir, Dist. Beed,	1220-1223
06:       Nafali Yogi, Edic Rante Tasak, Gadis Sri Haryani and Peter E. Hehanussa : Muna       1229-123         07:       R.K. Suri: Enviro-Edu-Entertainment (Wetland Quiz & Tambola) – A Tool for Education & Awareness on Wetland       1232-123         08:       Sarmistha Mohanty and C.R. Das: Community Mobilisation and Participation in Implementing Integrated Sustainable Conservation Plan of Ansupa Lake, a Famous Wetland of Orissa       1240-124         09:       D. Rajasekar Jitendra Sharma and J. Yogalakshmi: Participatory Wildlife Conservation in Keshopur Chhamb Community Reserve (India's First) in Punjab – Past, Present and Puture Management Strategies       1247-125.         010:       Farzanch Shalik Mtatibi, Sadanand M Yamakanamardi and M. Indira. : Can NGOS Play a Positive Role in Involvement of Women in Conservation of Lakes?       1254-126         011:       Jayshree Singi. The Role of NGOS in Conservation of Lakes and Wetlands: Linking The Local and The Global Perspective       1272-127         012:       Rex Turner: Enhancing Lake-Focused Education Through the Establishment of a State Wide not-for-Profit Organization.       1284-129.         013:       Pankaj Kumar Roy, Subhasish Das, Motaleb Mondal and Asis Mazumdar : Water Conservation Measures for Sustainable Livelihood of Rural Communities: A Case Study in West Bengal       1295-130         014:       R.T. Mahajan, M.Z. Chopda, T.R. Sabale and R.N. Deshmukh: Livestock Economy in Relation to Bhaunak Watershed of Jalgaon District – A Case Study in Kest Bengal       1301-130         017:       R. Hangovan : Integrated Wa	<u>05:</u>	Amado Tolentino : The People of Lake Kutubu Promoting Cultural Heritage and	1224-1228
07:       R.K. Suri: Enviro-Edu-Entertainment (Wetland Quiz & Tambola) – A Tool for Education & Awareness on Wetland       1232-123         08:       Sarmistha Mohanty and C.R. Das: Community Mobilisation and Participation in Implementing Integrated Sustainable Conservation Plan of Ansupa Lake, a Famous Wetland of Orissa       1240-124         09:       D. Rajasekar Jitendra Sharma and J. Yogalakshmi: Participatory Wildlife Conservation in Keshopur Chhamb Community Reserve (India's First) in Punjab – Past, Present and Future Management Strategies       1247-125.         010:       Farzaneh Shaikh Khatibi, Sadanand M Yamakanamardi and M. Indira. : Can NGOS Play a Positive Role in Involvement of Women in Conservation of Lakes? Opportunities and Constraints       1254-126         011:       Jayshree Singh: The Role of NGOS in Conservation of Lakes and Wetlands: Linking The Local and The Global Perspective       1272-127         012:       Rex Turner: Enhancing Lake Focused Education Through the Establishment of a State Wide not-for-Profit Organization.       1278-128         014:       R.T. Mahajan, M.Z. Chopda, T.R. Sabale and R.N. Deshmukh: Livestock Economy in Relation to Bhaunak Watershed of Jalgaon District – A Case Study       1284-129         015:       A. K. Das, N. P. Shrivastava, K. K. Vass and B. L. Pandey: Management Strategies for Enhancing Fish Production in Madhya Pradesh Reservoirs       1301-130         016:       Gorgerta Raff a: Common Names of Stagnant Waters in Romanian       1301-130         017:       R. Hangovan : Integrated Water Resource Management       <	<u>06:</u>	Naftali Yogi, Edie Rante Tasak, Gadis Sri Haryani and Peter E. Hehanussa : Muna	1229-1231
08.         Sarmistha Mohanty and C.R. Das: Community Mobilisation and Participation in Implementing Integrated Sustainable Conservation Plan of Ansupa Lake, a Famous Wetland of Orissa         1240-124           09:         D. Rajasekar Jitendra Sharma and J. Yogalakshmi: Participatory Wildlife Conservation in Keshopur Chhamb Community Reserve (India's First) in Punjab – Past, Present and Future Management Strategies         1247-125           010:         Farzaneh Shaikh Khatibi, Sadanand M Yamakanamardi and M. Indira. : Can NGOs Play a Positive Role in Involvement of Women in Conservation of Lakes? Opportunities and Constraints         1254-126           011:         Jayshree Singh: The Role of NGOS in Conservation of Lakes and Wetlands: Linking The Local and The Global Perspective         1263-127           012:         Rex Turner: Enhancing Lake-Focused Education Through the Establishment of a State Wide not-Foroft Organization.         1278-128           013:         Pankaj Kumar Roy, Subhasish Das, Motaleb Mondal and Asis Mazumdar : Water Conservation Measures for Sustainable Livelihood of Rural Communities: A Case Study in West Bengal         1284-129           014:         R.T. Mahajan, M.Z. Chopda, T.R. Sabale and R.N. Deshmukh: Livestock Economy in Relation to Bhaunak Watershea (Jalgaon District – A Case Study in Relation to Bhaunak Watershea Sof Stagnant Waters in Romanian         1301-130           017:         R. Hangovan S. P. Shrivastava, K. K. Vass and B. L. Pandey: Management Strategies for Enhancing Fish Production in Madhya Pradesh Reservoirs         1305-131           019:         Paridhi Chouhan: Save Wetlands Sav	<u>07:</u>	R.K. Suri: Enviro-Edu-Entertainment (Wetland Quiz & Tambola) - A Tool for	1232-1239
02: 02: 0. Rajasekar Jitendra Sharma and J. Yogalakshmi: Participatory Wildlife Conservation in Keshopur Chhamb Community Reserve (India's First) in Punjab – Past, Present and Future Management Strategies1247-125.010: 011: 012: 012: 012: 013: 014: 013: 014: 014: 015: 014: 015: 014: 015: 015: 014: 015: 014: 015: 015: 016: 016: 016: 017: 016: 017: 017: 016: 016: 017: 017: 016: 016: 017: 017: 016: 017: 016: 016: 017: 016: 017: 016: 017: 016: 017: 016: 016: 016: 017: 016: 017: 016: 016: 016: 017: 016: 016: 016: 017: 016: 017: 016: 016: 016: 017: 016: 016: 016: 017: 016: 016: 016: 016: 016: 017: 016: 016: 016: 017: 016: 016: 017: 017: 016: 016: 016: 016: 017: 017: 016: 016: 016: 016: 017: 016: 016: 016: 016: 016: 017: 016: 016: 016: 016: 016: 016: 016: 016: 016: 016: 017: 016: 016: 016: 016: 016: 016: 016: 016: 016: 016: 017: 016: 016: 016: 016: 016: 017: 016: 0	<u>08:</u>	Sarmistha Mohanty and C.R. Das: Community Mobilisation and Participation in Implementing Integrated Sustainable Conservation Plan of Ansupa Lake, a Famous	1240-1246
010:Farzaneh Shaikh Khatibi, Sadanand M Yamakanamardi and M. Indira. : Can NGOs Play a Positive Role in Involvement of Women in Conservation of Lakes? Opportunities and Constraints1254-126011:Jayshree Singh: The Role of NGOS in Conservation of Lakes and Wetlands: Linking The Local and The Global Perspective1263-127012:Rex Turner: Enhancing Lake-Focused Education Through the Establishment of a State 	<u>09:</u>	<b>D. Rajasekar Jitendra Sharma and J. Yogalakshmi:</b> Participatory Wildlife Conservation in Keshopur Chhamb Community Reserve (India's First) in Punjab – Past,	1247-1253
O11:Jayshree Singh: The Role of NGOS in Conservation of Lakes and Wetlands: Linking The Local and The Global Perspective1263-127O12:Rex Turner: Enhancing Lake-Focused Education Through the Establishment of a State Wide not-for-Profit Organization.1272-127O13:Pankaj Kumar Roy, Subhasish Das, Motaleb Mondal and Asis Mazumdar : Water Conservation Measures for Sustainable Livelihood of Rural Communities: A Case Study in West Bengal1278-128O14:R.T. Mahajan, M.Z. Chopda, T.R. Sabale and R.N. Deshmukh: Livestock Economy in Relation to Bhaunak Watershed of Jalgaon District – A Case Study O15:1284-129O16:Georgeta Rață : Common Names of Stagnant Waters in Romanian O17: R. Hangovan : Integrated Water Resource Management O18:1301-130O17:R. Hangovan : Integrated Water Resource Management O20: R. Ilangovan M.E. : Restoration of Polluted Lakes a New Approach D21:1312-131O21:P. Ganguli, S. Boruah, P.K. Dutta, A. Sharma and S.P. Biswas: Prospects of Ecotourism in Temple Tanks and Floodplain Lakes of Upper Assam1333-133Section P: World Case Studies1333-133P1:L. Naselli-Flores: Urban Lakes: Ecosystems at Risk, Worthy of the Best Care. (Keynote)1333-134P2:Moshe Gophen: Lake Management Perspectives in Arid, Semi-Arid, Sub-Tropical and Tropical Dry climate. (Keynote)1349-135.P3:Zati Sharip and Salmah Zakaria: Lakes and Reservoir in Malaysia: Management and Research Challenges1349-135.P4:L. Ubertini, S. Casadei and A. Pierleoni: Lakes Management in Umbria Region,1356-136	<u>010:</u>	Farzaneh Shaikh Khatibi, Sadanand M Yamakanamardi and M. Indira. : Can NGOs Play a Positive Role in Involvement of Women in Conservation of Lakes?	1254-1262
012: 012: Wide not-for-Profit Organization.1272-127013: 013:Pankaj Kumar Roy, Subhasish Das, Motaleb Mondal and Asis Mazumdar : Water Conservation Measures for Sustainable Livelihood of Rural Communities: A Case Study in West Bengal1278-128.014: 015: 015: 015: 016: 016: 016: 017: 017: 017: 016: 017: 018: 019: 019: 019: 0117: 016: 0110: 017: 016: 017: 018: 018: 019: 0117: 0110: 0117: 0110: 0117: 0110: 0117: 0110: 0117: 0110: 0117: 0110: 0117: 0110: 0117: 0110: 0117: 0110: 0117: 0110: 0117: 0110: 0117: 0110: 0117: 0110: 0117: 0110: 0117: 0110: 0117: 0110: 0110: 0117: 0110: 0110: 0117: 0110: 0110: 0117: 0110: 0110: 0117: 0110: 0110: 0117: 0110: 0110: 0117: 0110: 0117: 0110: 0117: 0110: 0117: 0110: 0110: 0117: 0110: 0110: 0110: 0117: 01100: 0110:<	<u>011:</u>	Jayshree Singh: The Role of NGOS in Conservation of Lakes and Wetlands: Linking	1263-1271
O13:Pankaj Kumar Roy, Subhasish Das, Motaleb Mondal and Asis Mazumdar : Water Conservation Measures for Sustainable Livelihood of Rural Communities: A Case Study in West Bengal1278-128O14:R.T. Mahajan, M.Z. Chopda, T.R. Sabale and R.N. Deshmukh: Livestock Economy in Relation to Bhaunak Watershed of Jalgaon District – A Case Study O15:1284-129O14:R.T. Mahajan, M.Z. Chopda, T.R. Sabale and R.N. Deshmukh: Livestock Economy in Relation to Bhaunak Watershed of Jalgaon District – A Case Study1284-129O15:A. K. Das, N. P. Shrivastava, K. K. Vass and B. L. Pandey: Management Strategies for Enhancing Fish Production in Madhya Pradesh Reservoirs1295-130O16:Georgeta Rață : Common Names of Stagnant Waters in Romanian O17:1301-130O17:R. Hangovan : Integrated Water Resource Management Midhi Agarwal : Wetlands: Future on Stake O21:1312-131O19:Paridhi Chouhan : Save Wetlands Save Water Ecotourism in Temple Tanks and Floodplain Lakes of Upper Assam1329-133Section P: World Case Studies1329-133P1:L. Naselli-Flores: Urban Lakes: Ecosystems at Risk, Worthy of the Best Care. (Keynote)1338-134P2:Moshe Gophen: Lake Management Perspectives in Arid, Semi-Arid, Sub-Tropical and Tropical Dry climate. (Keynote)1349-135P3:Zati Sharip and Salmah Zakaria: Lakes and Reservoir in Malaysia: Management and Research Challenges1349-135P4:L. Ubertini, S. Casadei and A. Pierleoni: Lakes Management in Umbria Region,1356-136	<u>012:</u>	Rex Turner: Enhancing Lake-Focused Education Through the Establishment of a State	1272-1277
014: 014: in Relation to Bhaunak Watershed of Jalgaon District – A Case Study1284-1294015: 015: 016: 016: 017: 017: 017: 018: 018: 019: 019: 019: 019: 019: 019: 019: 019: 019: 016: 0	<u>013:</u>	Pankaj Kumar Roy, Subhasish Das, Motaleb Mondal and Asis Mazumdar : Water Conservation Measures for Sustainable Livelihood of Rural Communities: A Case Study	1278-1283
for Enhancing Fish Production in Madhya Pradesh Reservoirs016:Georgeta Rață : Common Names of Stagnant Waters in Romanian1301-1304017:R. Ilangovan : Integrated Water Resource Management1305-131018:Nidhi Agarwal : Wetlands: Future on Stake1312-1314019:Paridhi Chouhan : Save Wetlands Save Water1315-1324020:R. Ilangovan M.E. : Restoration of Polluted Lakes a New Approach1321-1324021:P. Ganguli, S. Boruah, P.K. Dutta, A. Sharma and S.P. Biswas: Prospects of Ecotourism in Temple Tanks and Floodplain Lakes of Upper Assam1333-1334Section P: World Case Studies1333-1337P1:L. Naselli-Flores: Urban Lakes: Ecosystems at Risk, Worthy of the Best Care. (Keynote)1338-1344P2:Moshe Gophen: Lake Management Perspectives in Arid, Semi-Arid, Sub-Tropical and Tropical Dry climate. (Keynote)1349-1352P3:Zati Sharip and Salmah Zakaria: Lakes and Reservoir in Malaysia: Management and Research Challenges1349-1352P4:L. Ubertini, S. Casadei and A. Pierleoni: Lakes Management in Umbria Region,1356-1364	<u>014:</u>	R.T. Mahajan, M.Z. Chopda, T.R. Sabale and R.N. Deshmukh: Livestock Economy	1284-1294
O16:Georgeta Rață : Common Names of Stagnant Waters in Romanian1301-1304O17:R. Ilangovan : Integrated Water Resource Management1305-131O18:Nidhi Agarwal : Wetlands: Future on Stake1312-1314O19:Paridhi Chouhan : Save Wetlands Save Water1315-1324O20:R. Ilangovan M.E. : Restoration of Polluted Lakes a New Approach1321-1324O21:P. Ganguli, S. Boruah, P.K. Dutta, A. Sharma and S.P. Biswas: Prospects of Ecotourism in Temple Tanks and Floodplain Lakes of Upper Assam1333-1334Section P: World Case Studies1333-1334P1:L. Naselli-Flores: Urban Lakes: Ecosystems at Risk, Worthy of the Best Care. (Keynote)1338-1344P2:Moshe Gophen: Lake Management Perspectives in Arid, Semi-Arid, Sub-Tropical and Tropical Dry climate. (Keynote)1349-1354P3:Zati Sharip and Salmah Zakaria: Lakes and Reservoir in Malaysia: Management and Research Challenges1349-1354P4:L. Ubertini, S. Casadei and A. Pierleoni: Lakes Management in Umbria Region,1356-136-	<u>015:</u>	A. K. Das, N. P. Shrivastava, K. K. Vass and B. L. Pandey: Management Strategies	1295-1300
O18:Nidhi Agarwal : Wetlands: Future on Stake1312-1314O19:Paridhi Chouhan : Save Wetlands Save Water1315-1320O20:R. Ilangovan M.E. : Restoration of Polluted Lakes a New Approach1321-1320O21:P. Ganguli, S. Boruah, P.K. Dutta, A. Sharma and S.P. Biswas: Prospects of Ecotourism in Temple Tanks and Floodplain Lakes of Upper Assam1329-1333Section P: World Case Studies1333-1337P1:L. Naselli-Flores: Urban Lakes: Ecosystems at Risk, Worthy of the Best Care. (Keynote)1338-1343P2:Moshe Gophen: Lake Management Perspectives in Arid, Semi-Arid, Sub-Tropical and Tropical Dry climate. (Keynote)1349-1353P3:Zati Sharip and Salmah Zakaria: Lakes and Reservoir in Malaysia: Management and Research Challenges1349-1353P4:L. Ubertini, S. Casadei and A. Pierleoni: Lakes Management in Umbria Region,1356-136-		Georgeta Rață : Common Names of Stagnant Waters in Romanian	1301-1304
O19: O20: O20: A. Ilangovan M.E. : Restoration of Polluted Lakes a New Approach P. Ganguli, S. Boruah, P.K. Dutta, A. Sharma and S.P. Biswas: Prospects of Ecotourism in Temple Tanks and Floodplain Lakes of Upper Assam1315-1324 1321-1323Section P: World Case Studies1329-1333P1: C. Naselli-Flores: Urban Lakes: Ecosystems at Risk, Worthy of the Best Care. (Keynote)1333-1333P2: P3: Cati Sharip and Salmah Zakaria: Lakes and Reservoir in Malaysia: Management and Research Challenges1349-1353P4: L. Ubertini, S. Casadei and A. Pierleoni: Lakes Management in Umbria Region,1356-1364			1305-1311
O20: O21:R. Ilangovan M.E. : Restoration of Polluted Lakes a New Approach P. Ganguli, S. Boruah, P.K. Dutta, A. Sharma and S.P. Biswas: Prospects of Ecotourism in Temple Tanks and Floodplain Lakes of Upper Assam1321-132 1329-1333Section P: World Case StudiesImage: Comparison of the section of the sectio			1312-1314
O21:P. Ganguli, S. Boruah, P.K. Dutta, A. Sharma and S.P. Biswas: Prospects of Ecotourism in Temple Tanks and Floodplain Lakes of Upper Assam1329-1333Section P: World Case Studies1329-1333P1:L. Naselli-Flores: Urban Lakes: Ecosystems at Risk, Worthy of the Best Care. (Keynote)1333-1333P2:Moshe Gophen: Lake Management Perspectives in Arid, Semi-Arid, Sub-Tropical and Tropical Dry climate. (Keynote)1338-1343P3:Zati Sharip and Salmah Zakaria: Lakes and Reservoir in Malaysia: Management and Research Challenges1349-1353P4:L. Ubertini, S. Casadei and A. Pierleoni: Lakes Management in Umbria Region,1356-1364			1315-1320
Ecotourism in Temple Tanks and Floodplain Lakes of Upper Assam         Section P: World Case Studies         P1:       L. Naselli-Flores: Urban Lakes: Ecosystems at Risk, Worthy of the Best Care. (Keynote)         P2:       Moshe Gophen: Lake Management Perspectives in Arid, Semi-Arid, Sub-Tropical and Tropical Dry climate. (Keynote)         P3:       Zati Sharip and Salmah Zakaria: Lakes and Reservoir in Malaysia: Management and Research Challenges         P4:       L. Ubertini, S. Casadei and A. Pierleoni: Lakes Management in Umbria Region,			
P1:L. Naselli-Flores: Urban Lakes: Ecosystems at Risk, Worthy of the Best Care.1333-133(Keynote)Moshe Gophen: Lake Management Perspectives in Arid, Semi-Arid, Sub-Tropical and Tropical Dry climate. (Keynote)1338-134P3:Zati Sharip and Salmah Zakaria: Lakes and Reservoir in Malaysia: Management and Research Challenges1349-135P4:L. Ubertini, S. Casadei and A. Pierleoni: Lakes Management in Umbria Region,1356-136	021:		1329-1332
P1:L. Naselli-Flores: Urban Lakes: Ecosystems at Risk, Worthy of the Best Care.1333-133(Keynote)Moshe Gophen: Lake Management Perspectives in Arid, Semi-Arid, Sub-Tropical and Tropical Dry climate. (Keynote)1338-134P3:Zati Sharip and Salmah Zakaria: Lakes and Reservoir in Malaysia: Management and Research Challenges1349-135P4:L. Ubertini, S. Casadei and A. Pierleoni: Lakes Management in Umbria Region,1356-136	Section P: World Case Studies		
P2:Moshe Gophen: Lake Management Perspectives in Arid, Semi-Arid, Sub-Tropical and Tropical Dry climate. (Keynote)1338-1343P3:Zati Sharip and Salmah Zakaria: Lakes and Reservoir in Malaysia: Management and Research Challenges1349-1353P4:L. Ubertini, S. Casadei and A. Pierleoni: Lakes Management in Umbria Region,1356-1364		L. Naselli-Flores: Urban Lakes: Ecosystems at Risk, Worthy of the Best Care.	1333-1337
P3:Zati Sharip and Salmah Zakaria: Lakes and Reservoir in Malaysia: Management and Research Challenges1349-1352P4:L. Ubertini, S. Casadei and A. Pierleoni: Lakes Management in Umbria Region,1356-1362	<u>P2:</u>	Moshe Gophen: Lake Management Perspectives in Arid, Semi-Arid, Sub-Tropical and	1338-1348
P4: L. Ubertini, S. Casadei and A. Pierleoni: Lakes Management in Umbria Region, 1356-136-	<u>P3:</u>	Zati Sharip and Salmah Zakaria: Lakes and Reservoir in Malaysia: Management and	1349-1355
Central Italy	<u>P4:</u>		1356-1364

<u>P5:</u>	Joseph A. Edebe, Robert O. Strobl and Robert Becht : An Environmental System	1365-1372
<u>P6:</u>	Analysis of Lake Elementaita, Kenya with Reference to Water Quality J.A. Adakole, D.S. Abolude and M.L. Balarabe : Assessement of Water Quality of a Man-Made Lake in Zaria, Nigeria.	1373-1382
<u>P7:</u>	<b>A. M. Chia and S. P. Bako:</b> Seasonal Variation of Cyanobacteria in Relation to Physico- Chemical Parameters of Some Fresh Water Ecosystems in the Nigerian Guinea Savanna	1383-1387
<u>P8:</u>	N. L. Bolotova and N.K. Maksutova: The Development of Shallow Lakes in Different Landscapes of Vologda Region (Noth-Wethern Russia)	1388-1396
<u>P9:</u>	Muhammad Yahya-Syed : The Lost Paradise (Manchar Lake)	1397-1407
<b>P10:</b>	Asheesh Shrivastava, Toshitaka Hori and Hiroki Takahashi: The Activities of	1408-1413
<u>P11:</u>	Natural Purification of Lake Water and Types of Shores Surrounding Lake Biwa, Japan <b>Motomu Uchimura :</b> Approaches Toward Better Lake Water Environment: Case of Lake Biwa	1414-1416
<u>P12:</u>	Takahumi Tainaka : The Sewerage System in the Lake Biwa Basin	1417-1422
<u>P13:</u>	<b>T. Homma, N. Komatsu, M. Negisi, Y. Katagami, K. Nakamura and H.D. Park:</b> Influence of Dissolved Inorganic Nitrogen and Phosphorus Concentrations on The Horizontal And Temporal Changes of Microcystis Blooms In Lake Kitaura	1423-1429
Sectio	n P: Indian Case Studies	
<u>P14:</u>	Sanjeev Sachdev: Case Study of Madhya Pradesh on Conservation of Water Resources.	1430-1441
	(Plenary)	
<u>P15:</u>	M.S.Kodarkar: Conservation and Management of Lakes Case Studies from India. (Keynote)	1442-1445
<u>P16:</u>	<b>Pankaj Chandan, Archana Chatterjee and Parikshit Gautam:</b> Management Planning of Himalayan High Altitude Wetlands. A Case Study of Tsomoriri and Tsokar Wetlands in Ladakh, India	1446-1452
<u>P17:</u>	Humaira Qadri and A. R. Yousuf : Dal Lake Ecosystem: Conservation Strategies and Problems	1453-1457
<u>P18:</u>	<b>Parvaiz Ahmad and G. A. Bhat :</b> Indiscriminate Disposal of Solid Waste Choking World Famous Dal Lake in Kashmir Valley	1458-1462
<u>P19:</u>	N.S. Tiwana, Neelima Jerath, S.K. Saxena and Vivek Sharma: Conservation of Ramsar Sites in Punjab	1463-1469
<u>P20:</u>	<b>Usha Moza and D.N. Mishra:</b> Current Status of Harike Wetland vis-a-vis its Ecology and Fishery	1470-1476
<u>P21:</u> <u>P22:</u>	Manu Bhatnagar : Revival of Hauz Khas Lake: A Historic Lake In Urban Delhi Sunil S. Shaha and Sangram Ghugare : Conservation and Management of Lake-Case Studies	1477-1487 1488-1494
<u>P23:</u>	Rebecca S. Jadon and Sanjay S. Jadon: Urban Lakes – Searching Sustainable Solutions Case Study: Datia, India	1495-1497
<u>P24:</u>	Dhirendra Devarshi : Status Survey of Lakes of Eastern Rajasthan (India)	1498-1503
<u>P25:</u>	Riddhi Sharma, Madhu Sudan Sharma, Vipul Sharma and Heena Malara: Study of Limnology and Microbiology of Udaipur Lakes.	1504-1508
<u>P26:</u>	Sanjeev Kumar: Conservation of Sambhar Lake - An Important Waterfowl Habitat and A Ramsar Site in India	1509-1517
<u>P27:</u>	<b>Praveen Mathur, Saurabh Agarwal and Mudita Nag :</b> Assessment of Physico- Chemical Characteristics and Suggested Restoration Measures for Pushkar Lake, Ajmer Rajasthan (INDIA)	1518-1529
<u>P28:</u>	K. P. Sharma, Subhasini Sharma, Shweta Sharma, P. K. Sharma, R. C. Swami, P.K. Singh and G. S. Rathore : Mansagar Lake: Past, Present & Future	1530-1541
<u>P29:</u>	<b>Viren Lobo :</b> Characterisation of Jaisamand Lake and its Implication for Management	1542-1556
<u>P30:</u>	<b>R. P. Vijayvergia:</b> Eutrophication: A Case Study of Highly Eutrophicated Lake Udaisagar, Udaipur (Raj.), India with regards to its Nutrient Enrichment and Emerging Consequences	1557-1560
<u>P31:</u>	Anindita Bhattacharyya, Subro Sen, Pankaj Kumar Roy and Asis Mazumdar : A Critical Study on Status of East Kolkata Wetlands with Special Emphasis on Water Birds as Bio-Indicator	1561-1570
<u>P32:</u>	<b>C.R. Das :</b> Integrated Sustainable Environmental Conservation and Restoration of Largest Fresh Water Ansupa Lake, A Famous Wetland of Orissa	1571-1577
<u>P33:</u>	S.P. Roy, Raja Ramanand, Amit Kr. Prabhakar and J.P. Singh : Sustainable Development of Kawar Lake, Begusarai (North-Bihar, India)	1578-1585
<u>P34:</u>	C.P. Sinha: Mokama Taal – An Ephemeral Lake Requiring Holistic Management	1586-1590
·		

<u>P35:</u>	<b>R.N. Soni and S.A. Bhatt:</b> Periodical Ecological Study of an Urban Pond Near	1591-1596
<u>P36:</u>	Vadodara, Gujarat, India S.Z. Siddiqi: Limnological Profile of High-Impact Meteor Crater Lake Lonar, Buldana, Maharashtra, India, An Extreme Hyperalkaline, Saline Habitat.	1597-1613
<u>P37:</u>	S.S. Patil, R.G. Auti and S.S. Mokashe: Conservation and Management of Salim Ali Lake, Aurangabad.	1614-1622
<u>P38:</u>	<b>P.M. Nalawade, K. R. Solunke, A.M. Late, C.A. Patil and M.B. Mule:</b> Dying Lake: A Loosing Habitat of Migratory Birds-A Case Study from Aurangabad City	1623-1627
<u>P39:</u>	Manisha Pradhan and Pallavi Latkar: Shallow Lakes in Urban Areas: Ecological Restoration of Lakes in Thane City	1628-1634
<u>P40:</u>	<b>Vinay S. Nikam, Arun Kumar, Kamal Lalla and Kapil Gupta:</b> Conservation of Wetlands and Mangroves in Thane Creek and Ulhas River Estuary	1635-1642
<u>P41:</u>	<b>I.F. Pailwan, D.V. Muley and Suryakant Maske</b> : Limnological Features, Plankton Diversity and Fishery Status of Three Fresh Water Perennial Tanks of Kolhapur District (M.S.) India	1643-1649
<u>P42:</u>	<b>P.B. Salaskar, S.G. Yeragi and Gordon Rodricks :</b> Environmental Status of Powai Lake, Mumbai (India)	1650-1654
<u>P43:</u>	J.G. Koliyar and N.S. Rokade : Water Quality in Powai Lake: Mumbai, Maharashtra	1655-1659
<u>P44:</u>	Kirti Y. Lanjewar and Prakash S. Kelkar : Studies on Rejuvenation of Futala Lake, Nagpur	1660-1668
<b>P45:</b>	Thiru K.S. Neelakantan : Conservation and Restoration of Lakes in Tamil Nadu	1669-1671
<u>P46:</u>	K. K. Satpathy, M.V.R. Prasad, A.K. Mohanty, S.Bhaskar and K.E. Jebakumar: Limnological Studies in a Brackish Water Lake Present in The Vicinity of Kalpakkam Coast, Tamil Nadu	1672-1678
<u>P47:</u>	<b>Hina Kousar and E.T. Puttaiah:</b> Dyamics of Certain Physico- Chemical and Biological Characteristics of Shanti Sagar Lake- The Largest Lake in Karnataka State	1679-1686
<u>P48:</u>	<b>M.F. Ansari, R.F. Ankalgi and S.R. Ankalgi :</b> Studies on Physico-Chemical Aspects and Plankton of Unkal Lake at Hubli (Karnataka, India)	1687-1694
<u>P49:</u>	<b>Veena Kumari and Bipin Bihari Lal :</b> Need of Conservation of Wetlands – A Case Study of Bidar District Tanks in Karnataka State	1695-1698
<u>P50:</u>	<b>Aboud S. Jumbe, N. Nandini, Sucharita Tandon and Sunitha N. :</b> Bangalore Lakes – Issues and Perspectives on Pollution, Restoration and Management	1699-1706
<u>P51:</u>	Syed Yasar Arafath, Ashok D. Hanjagi, N. Nandini; Aboud S. Jumbe and Sucharita Tandon: Ecological Assessment of Ullal Lake, Bangalore District, India – A Case Study	1707-1716
<u>P52:</u>	Nusrat Jan, N. Nandini; Aboud S. Jumbe and B.S. Anupama : Impact of Municipal and Industrial Pollution on Byramangala Lake, Bangalore Rural District, India	1717-1728
<u>P53:</u>	Helen Roselene and Paneerselvam: Physico Chemical Analysis and Role of Phytoplanktons in Bellandur Lake	1729-1736
<u>P54:</u>	Usha N M, Jayaram K C and Lakshmi Kantha H : Assessment of Surface and Ground water Quality of Hebbal Lake, Bangalore-Case Study	1737-1741
<u>P55:</u>	Usha C, N. Nandini, Aboud S. Jumbe, B.S. Anupama and Santhaveerana Goud : Intestinal Pathogens and Microbial Pollution of Urban Lakes - A Case Study on Yellamallappa Chetty Lake, Bangalore, India	1742-1752
<u>P56:</u>	Jayesh Ranjan and K.S. Reddy: Conservation of Hussain sagar Lake – Hyderabad, (Andhra Pradesh)	1753-1756
<u>P57:</u>	<b>K.C. Sharma and C.S. Chouhan:</b> Ecology and Restoration of Lake Budha Pushkar – A Threatened Water Body of Ajmer, Rajasthan.	1757-1764
<u>P58:</u>	P. P. Kanekar, A. A. Joshi, A. S. Kelkar, S. B. Borgave and S. S. Sarnaik : Alkaline Lonar lake, India – A treasure of Alkaliphilic and Halophilic Bacteria	1765-1774
<u>P59:</u>	K. Thachanamoorthy: Conservation and Restoration of Lakes (Irrigation Lakes in Tamilnadu)	1775-1785
<u>P60:</u>	Bela Zutshi, S.G. Raghu Prasad and R. Nagaraja: Anthropogenic Impact on the Lakes Ecosystem in Hi-Tech City, Bangalore, Karnataka.	1786-1793

Powe	r Point Presentations
Plenar	y Lectures
PL-1	Mir Nasim Ahmed: Dal–Nigeen Lake Conservation and Management Plan
PL-2	R. Dalwani: Status of Lake Conservation & Management of Lakes in India
PL-3	Martin T. Dokulil: Long-Term Dynamics and Climate Impacts on Lakes in Austria, Central Europe:
	A Review
<u>PL-4</u>	Udo Gattenlöhner: Global Nature Fund
<b>PL-5</b>	A.K. Pattnaik: Restoration and Sustainable Management of Chilika lake; a Case Study.
<u>PL-6</u>	Jayesh Ranjan: Conservation of Urban Lakes in Hyderabad Metropolitan Area
<u>PL-7</u>	K. R. Reddy and R G. Best: River of Grass – Saving the Everglades: Management and Restoration
<u>PL-8</u>	Gojendro Singh: Conservation and Management of Loktak and Associated Wetlands Integrating
	Manipur River Basin
<u>PL-9</u>	C.S. Vedant: Lake Development Authority, Karnataka
Keyno	te Lectures
KN-1	Dhia Al Bakri: Lake-Catchment Interactions and Catchment Treatment: Challenges and Solutions
KN-2	Bhavani Shanker: Restoration of Ulsoor Lake
KN-3	Bhavani Shanker: Restoration of Sankey Tank
KN-4	Archana Chatterjee: Communication, Education and Awareness: Powerful Tools for Wetland
	Conservation and Management
<u>KN-5</u>	B.C. Choudhury: Planning a National Aquatic Area Network (NAAN) for Conservation &
Management of Rare, Threatened & Endangered Wetland Biodiversity	
<b>KN-6</b>	Ravi Chopra: Jal Sanskriti A Water Harvesting Culture
<b>KN-7</b>	Parikshit Gautam: Inventory, Assessment and Monitoring of Wetlands: An Integrated Approach
<b>KN-8</b>	Ramesh D. Gulati and Ellen Van Donk: Lake Eutrophication: The Causes, Consequences and
	Restoration Measures, including Food Web Manipulation and Management
<u>KN-9</u>	E.J James: Shifting Paradigms in Natural Resources Management: River Basin Approach for Wise
	Use of Wetlands
<u>KN-10</u>	S. Kaul: Regulatory Framework for Wetland
<u>KN-11</u>	V. V. Sugunan: Ecosystem Processes in Lakes and Wetlands
<u>KN-12</u>	K.K. Vass : Conservation and Restoration of Lakes and Wetlands
<u>KN-13</u>	Maciej Zalewski : Ecohydrology: A New Paradigm for Lake Management
<u>KN-14</u>	D. P. Zutshi: Ecology and Conservation of Kashmir Himalayan Lakes: An Overview
Photo Gallery	
1-72	Photos from the Conference