

TECHNICAL SESSION-I
GROUNDWATER QUALITY

4th February 2010, 12.00-pm-1.45 p.m and session continues from 2.30 p.m to 4.30 p.m

S.No	Authors	Title
1	N.K.Joseph , V.P.Dinesan & A.B.Anitha	Hydrogeology And Hydrochemistry Of Rampatna Watershed In The Semi Arid Region Of Karnrtaka State.
2	Haseena T. H, Aswathy S Lal, Ancy P And Narasimha Prasad N. B	Groundwater Environment In Different Physigraphic Regions Of Kerala – A Case Study
3	K. Brindha, R. Murugan, R. Rajesh And L. Elango	Sources Of Fluoride In Groundwater In Parts Of Nalgonda District, Andhra Pradesh, India
4	Dr. Pandith Madhnure	Occurrences Of High Fluoride In Deeper Aquifers Of Hingoli District Maharashtra
5	Susmita Sen Gupta, Krishna G Bhattacharyya	Natural And Modified Kaolinite As Adsorbents For Phosphate In Water
6	Ajoy Barman And Krishna G Bhattacharyya	Seasonal Variation In Arsenic And Fluoride Occurrence In The Ground Water Of Srijangram Block, Bongaigaon District, Assam, India
7	Basanta Kumar Das And Krishna G. Bhattacharyya	Assessment Of Ground Water Quality In The Tribal Dominated Areas Of Kokrajhar District Of Btad, India
8	Nayan Jyoti Khound And Krishna G Bhattacharyya	Water Quality Assessment Of Shallow Aquifers In The Jia-Bharali River Basin, Assam, India
9	Deepesh Machiwal, Madan K. Jha And B.C. Mal	Characterization Of Groundwater Quality In A Hard-Rock Aquifer System By Using Multivariate Statistical Techniques

10	T. Mikunthan And C. S. De Silva	Sources And Extent Of Groundwater Pollution In Shallow Aquifer: A Case Study From Jaffna District, Sri Lanka
11	R.N.Tiwari And Amit Kumar Singh	Groundwater Quality And Pollution Of Mahana River Basin,Rewa District, Madhya Pradesh, India
12	P.Loganathan	Impacts Of Agricultural Practices On Water Quality Of Agro Wells In Kanthapuram Area In Vavuniya District
13	Prof. Madan Mohan Bag	Ground Water Quality And Its Pollution : A Case Study Of Bankura District, West Bengal. India.
14	K.Ramesh And L. Elango	Groundwater Quality And Its Suitability For Domestic And Agricultural Use In Tondiar River Basin, Hard Rock Region, Tamil Nadu, India
15	Carmelita Nishanthiny, S. And Thushyanthy, M.	Geochemical Analysis Of Groundwater And Its Quality Assessment: A Case Study,Jaffna, Sri Lanka.
16	A.K.M. Munirul Haque, Dilara Hossain, M. Sarwar Jahan And Md. Abul Kalam Azad	Impacts Of Shrimp Culture On The Surface And Ground Water Quality Of The South-Western Part Of Bangladesh: A Case Study In Three Upazilas (Sub-Districts)
17	Subin K. Jose, Santhosh Kumar R, S.Rajendran, Shiju. Chacko,G.Madhu	Geoinformatics A Novel Tool For Groundwater Pollution Modelling And Management – A Case Study In The Keecheri Watershed Region Of Western Ghats, Kerala, India.
18	Sujana Dhar, Shubhashish Das, Amlan Jyothi Kar & Asis Mazumdar	Surface And Ground Water Quality Exploration Of The Piyali River In The Sundarbans.
19	G.Pochaiah And Y.Sudhakar Reddy	Impact Of Coal Mining Activities On Surface And Ground Water In Kothagudem Coal Field Area, Khammam Dist, A.P. India
20	V.Raghu And K. Mruthyunjaya Reddy	Influence Of Landforms And Geological Formations On The Concentration Of Fluoride In Ground Water, Anantapur District, Andhra Pradesh, India – An Integrated Remote Sensing And GIS Based Study

21	R. Murali, C. N. Murthy	Studies On The Transport Of A Dye Contaminant In Soil Subsurface By Natural Colloids
22	Mahesh B.U.Rao Dr.S.K.G.Krishnamacharyulu Dr.V.S.Singh	Geomorphic Evolution Of Krishna Delta And Its Impact On Ground Water Resources

TECHNICAL SESSION-II
HYDROLOGIC PARAMETER ESTIMATION AND MODELLING
4th February 2010, 12.00-noon-1.45 p.m and session continues from 2.30 p.m to 4.30 p.m

S.No	Authors	Title
1	Deepa Chalisgaonkar, N.Panigrahy	Concepts For Web Based Spatial Decision Support Systems (Websdss) For Water resources Management
2	Mr.Palakshappa.K.,Dr.M.K.Nagaraj, Dr.A.V.Shivapur	Studies On Evapotranspiration Models For Ranebennur Region In Haveri District Karnataka
3	Pravendra Kumar And J.K.Singh	Transfer Function Based Runoff Prediction Conceptual Model For A Small Watershed
4	Sudhakar Sharma, Dr.A.K.Singh	Regional Flood Frequency Analysis Of Annual Discharge Data Of Lower Tapi Basin Using Gumbel's Mathematical Model
5	Saeid Shabanlou	Management Of Forecasting And Flood Encroachment And Determine Critical Bounds In Golestan Rivers With GIS
6	D.R.Kothawale	Performance Of All-India Monsoon Rainfall When Monthly Rainfall Reported As Deficient/Excess During 1871-2008
7	Jairaj.P.G. And Sumi.R.	Modelling Of Geomorphological Instantaneous Unit Hydrograph By Fractal Concept

8	R.Venkata Ramana	Application Of GIS And SWMM To Urban Runoff Simulation Of Patna Town
9	N.Vivekanandan	Fitting Of Annual Maximum Discharge Using Frequency Analysis For Estimation Of Flood
10	Srutiverma	Mathematical Modelling Of Channel Aggradation And Degradation
11	Raneesh.K.Y. And Santosh.G.Thampi	Evaluating The Sediment Yield Estimation Potential Of Swat On An Agricultural Watershed
12	Dr.Narendra Agrawal, Dr.M.K.Verma, Dr.M.P.Tripathi	Hydrological Modelling Of Arang Watershed Using Weather Generator In The Swat Model
13	B.Venkateswara Rao. V.Varalakshmi, B.Satyanarayana	Estimation Of Drainage Network Characteristics For The Catchments Of Himayatsagar And Osmansagar Reservoirs-Hyderabad
14	Yamuna Singh And D.P.Dubey	Estimation Of Hydrologic Parameters Of Vindhyan Aquifers In Central India
15	S.D.Bansood	The Circulation Index And The Flood And Drought Condition Over India
16	Krishna Murthy.B.R. And G.Abbaiah	Determining Suitable Probability Distributions For Rainfall Series Of Andhra Pradesh, India.
17	C.Sarala, B.Venkateswara Rao, K.V.Jayakumar	Studies On Changes In Rainfall- Runoff Relationship Due To Changes In Land Use- A Regional Case Study On Krishna Basin
18	Rajesh Nune, Biju George And Andrew Western	A Separation Of Climatic And Anthropogenic Impacts On Stream Flows In The Upper Musi Catchment, India.
19	Mohammad Muzzammil, Javed Alam	Neural Networks Approach To The Flood Frequency Analysis For Indian Rivers

20	B. Venkateswara Rao,Rajesh Nune And V. Varalakshmi	Analysis Of Returnflows From Canal Command Area Between Nagarjunasagar Reservoir And Prakasam Barrage
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TECHNICAL SESSION-III

Climate Change, Water, Food & Environmental security

4thFebruary 2010, 12.00-noon-1.45 p.m and session continues from 2.30 p.m to 4.30 p.m

S.No	Authors	Title
1	R.V.Galkate,T.Thomas,R.P.Pandey,S.Singh and R.K.Jaiswal	Drought Study In Chhindwara District Of Madhya Pradesh,India
2	P.R.Reddy	Climate Change - What To Do?
3	Hamed Jamshidi, Mehdi Rezaeian Zadeh, Ali Asghari Tabrizi, Hiran Abghari, Vijay P. Singh	Drought Forecasting By Multi Layer Perceptron Network In Different Climatology Regions
4	S.S.Dugam	Effect Of Global Warming And Aerosol Concentrations On Indian Monsoon Rainfall Over Different Homogeneous Regions
5	S.M.Bawiskar and M.D.Chipade	Weakening Of Zonal Temperature Gradient Between Indian Landmass And Neighbouring Oceans And Its Impact On Indian Monsoon
6	C.V.Naidu, K.Durgalakshmi, G.Ch.Satyanarayana, L.Malleswararao and A. Mutyalanaidu	Variability Of Summer Monsoon Rainfall Over India-Connections With Climatic Indices

7	A.A.Munot	Some Aspects Of Interannual Variability Of Summer Monsoon Rainfall Over Andhra Pradesh
8	K.Syamala Devi , A.V.V.S.Swamy	Food Security Under Threat In 21 st Century In India With The Climatic Change.
9	Mrs.Sanskriti S.Mujumdar and Dr.Arvind S.Patel	Analysis Of Rainfall Pattern For Bhuj Taluka Of Kachchh District-Gujarat State
10	Dr.A.K. Viswakarma and Y.K.Laad	Environment Management Of Water-Resources For Growth And Sustainable Water Security
11	K.Bhaskara Rao	Forecasting Of The Onset Of The Southwest Monsoon Over India
12	Dr.L.K.Bisoyi	Disaster Of Climate Change In India-Impact On Water Resources, Environment, Health And Food Security-A Case Study Of Orissa On Impacts Of Temperature And Water Resources.
13	Chandrabhan Singh	Conservation Of Rivers And Lakes: Global Water Resources Assessment.

14	Mr.V.E.Gosavi, Ms.A.P.Yawatkar	Addressing Nexus Between Climate Change, Water, Environment, Agricultural And Food Security- Issues And Challenges In India.
15	R. Nagarjuna kumar, K. Srinivas Reddy, M.S.Nathawat	Impact Of Climate Change On Future Water Requirements Of Fruit Crops-A Review
16	Neeraj Kumar Bhatnagar and Anil Kumar Lohani	Impact Of Climate On Change On Water Resources Of South Asia; Special Focus On India
17	B.Venkateswara Rao , S.S.Chandra Bharadwaz, N.Srinivasa Rao, B.V.S. Amathya	An Analysis Of Cloud Seeding Operations For Rainfall Enhancement Over Rain Shadow Region Of Andhra Pradesh
18	S. D. Khobragade , C. S. P. Ojha and R. D. Singh	Possible Impact Of Global Warming On Future Evaporation Rates From Lakes In Udaipur Region, India

TECHNICAL SESSION-IV

GROUNDWATER EXPLORATION & EXPLOITATION

5th February 2010, 9.00a.m. to 11.15a.m and session continues from 3.45p.m. to 6p.m.

S.No	Authors	Title
1	Mahesh B.U.Rao , Dr.S.K.G.Krishnamacharyulu and Dr.V.S.Singh	Geomorphic Evolution Of Krishna Delta And Its Impact On Ground Water Resources
2	Dewashish Kumar , N.S.Krishnamurthy , V.Ananda Rao, E.Nagaiah, D.Malles and Shakeel Ahmed	Joint Analysis Of Magnetic Susceptibility And Resistivity In Precise Delineating The Lithology In Deccan Traps For Groundwater
3	P.N.Rao and G.Sudarshan	Fracture Frequency And Yield Characteristics In Granitic Terrain, Andhrapradesh, India

4	Sujana Dhar, Subhashish Das , Amlan Jyothi Kar and Asis Mazumdar	Groundwater Exploration Of The Piyali River In The Sunderbans
5	Rajat Agarwal , Shakir ali, Shipra Verma and P.K.Garg	Groundwater Potential Mapping Of Ramganga Catchment In Uttarakhad State:A Remote Sensing And GIS Database Approach
6	I.I.Shah and Md.Babar	Application Of Remote Sensing And Geomorphic And Characteristics For Groundwater Prospect Zones In Tawarja Sub-Basin, Latur District , Maharashtra, India
7	R.B.Muley , S.M.Atkore and Md.Babar	Application Of Geology And Remote Sensing In The Groundwater Potential Zones In Drought Prone Areas Of Parbhani District , Maharashtra , India
8	S.Arunachalam, Dr.Suresh babu	Modelling Of Groundwater Potential Zones Using IRS-P6, LISS-IV Data-A Case Study For Hosur Union
9	Mrs.C.G.Hemamalini , Dr.M.Krishnaveni	Integrated Remote Sensing And GIS In Demarcation Of Groundwater Prospective Zones And Identification Of Recharge Sites In Ambur Minor Basin
10	Dr. P. G. Jairaj and R . Sumi	Hydrologic Implication Of Fractal Dimensions
11	B. Venkateswara Rao, K.Subramanyam, E.S.R.C.Murthy, V.Varalakshmi and B.Satyanarayana	Problems and Prospects of Geophysical Methods in Identifying Groundwater Potential Zones of Hard Rocks
12	Prof.M.V.Subba Rao	Groundwater Resources Management By Rainwater Harvesting, Water Conservation And Management

TECHNICAL SESSION-V
COMPUTATIONAL METHODS IN HYDROLOGY
5th February, 2010, 9.00-am-11.15 a.m and session continues from 3.45 p.m to 6.00 p.m

S.No	Authors	Title
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1	.B.D.Kulkarni,S.S.Mulye And S.Nandargi	Time Distribution Analysis At Selected Stations In The Siang Basin In India For Computing Probable Maximum Floods(PMF) From Probable Maximum Precipitation(PMP)
2	B.Krishna And Y.R.Satyaji Rao	Assessment Of Water Availability For The Changed Rainfall Pattern
3	Venkatash Uddameri And Jhumoor Biswas	Assessing The Dependence Between Stream flows And Rainfall In Bhagirathi River, West Bengal Using Copula Theory.
4	Seema Narain And Ashu Jain	Hydrological Modelling-An Approach With Neutral System Models And Their Sensitivity To Initial Solution
5	B.Preethi And J.V.Revadekar	Summer Monsoon Rainfall And Kharif Food grain Yield In India
6	S.M.V.Sharief , T.I.Eldho And A.K.Rastogi	Elitist Genetic Algorithm Based Evolutionary Algorithm For Groundwater Contaminant Remediation Using Pump And Treat
7	P.Satyanarayana And V.V.Srinivas	Summer Monsoon Drought Security- Areal Extent- Frequency Curves For India
8	Pori Das,Amit Kumar Dubey And Subashisadutta	Probabilistic Runoff Generation In Macropore Dominated Land Use And Land Cover
9	V.S.Pardhan And Dr.D.G.Regulwar	Determination Of Optimal Operating Policies Of A Single Multipurpose Reservoir By Fuzzy Linear Programming
10	C.Jenifa Latha And Dr.K.Palanichamy	Spatial Water Balance Model Using GIS And Fuzzy Logic
11	Krishna Murthy B.R. And G.Abbaiah	Stochastic Modelling Of Annual Rainfall Series Of Andhra Pradesh,India.
12	Purnima Mishra And R. R. Babu	Simple User Interface For Design And Cost Estimation Of Contour Trenches For Rehabilitation Of Non-Arable Degraded Lands In India

13	S. D. Khobragade, C. S. P. Ojha And A. R. Senthil Kumar	Estimating Vapour Pressure From Temperature And Humidity Data Using Ann Technique
14	K.Shashikanth, P.Rajsekhar	Hydrological Investigations In The Environmentallydegraded Attappady Valley Watershed
15	Ms. Suvarna R Shah, Dr. J.N.Patel	Study Of Flood Disaster At Vadodara City,Gujarat,India.

TECHNICAL SESSION-VI
SOIL & WATER CONSERVATION TECHNOLOGIES
5th February, 2010, 9.00-am-11.15 a.m and session continues from 3.45 p.m to 6.00 p.m

S.No	Authors	Title
1	Manish Kumar , R.N.Sharma, And N.K.Toorrary	Watershed Projects In District Jangiri- Champa Of Chattisgarh State: A Case Study
2	Mrs.Vidula Swamy, Dr.Mrs.Sushma Kulkarini And Mr. Manoj Mujumdar	Soil And Water Conservation Through Simple Techniques-A Case Study
3	S.K.Uttam And P.N.Yadav	Effect Of Nutrient Management And Moisture Conservation Practices On Mustard Under Rain fed Condition
4	R.P.Singh, S.C.Katiyar And S.Kumar	Effect Of Moisture Conservation Practices As Influenced By Mustard Varieties Under Rain fed Condition
5	U.C.Sharma And Vikas Sharma	Traditional Wisdom Of Tribal People In Rainwater Management Through Participatory Approach For Food Security
6	Sanjay Arora , R.D.Gupta And V.K.Jalali	Rainwater Management Through Watershed Management Approach For Soil Conservation And Productivity In Submontaneous Tract Of Jammu Region

7	M.S.Pendke	Standardization Of Field/Peripheral Bund Designs In Assured Rainfall Region
8	P.V.Singh, Akhilesh Kumar, Mohd.K A Beg And Avinash Gupta	Graphical Solution For Graded Bund Design
9	K.P.Tripathi And V.N.Sharda	Hydrological Changes In The Selected Watersheds Of India During 21 st Century As A Result Of Climate Change
10	Purnima Mishra, B.Venkateswara Rao And R.R. Babu	Design Of Farm Pond For Sustainable Crop Production In Rain fed Black Soils Of North Telangana Region Of India
11	S.D.Limaye	Sustainable Management Of Percolation Tanks In Semi- Arid, Basaltic Terrain In Western India And The Role Of UNESCO-IUGS-IGCP Project 'Grownet'

TECHNICAL SESSION-VII
GROUNDWATER RECHARGE & MODELLING
6th Febraury 2010, 9.00-a.m-11.15 a.m and

S.No	Authors	Title
1	V.V.S. Gurunadha Rao, B.A. Prakash and K. Mahesh Kumar	Surface Water & Ground Water Quality Monitoring For Restoration Of Urban Lakes In Grater Hyderabad, India
2	J.Siddhardha Kumar& D.Subba Rao	Impact Of Artificial Recharge Structures On Ground Water In Drought Prone Pulivendula Area, Kadapa District, Andhra Pradesh - A Case Study
3	Dinesan V P,N.K.Joseph & S.P.Rajagopalan	Yield And Recovery Characteristics Of Hand Dug Wells In Different
4	A. G. Bobba, B. V. Rao, S.N Rai And C. Sarala	Theoretical Model Of Solute Transport Through Conduit Fracture Porous Matrix System

5	A. G. Bobba , V.P. Singh And B. V. Rao	Evaluation Of Groundwater Contamination Model Errors
6	A.B.Anitha, A.Shahul Hameed & N.B.Narasimha Prasad.	Strategies For Water Resources Development Of A River Basin In Humid Tropical Region.
7	C.Sarala, M.Sarada	Groundwater Flow Model Of Upper Musi Basin, Andhra Pradesh
8	B.Venkateswara Rao, V.Varalakshmi, L.Suri Naidu and Tejaswini	Ground water Flow model of Osmansagar and Himaytsagar Reservoirs catchment area, Hyderabad-India

TECHNICAL SESSION-VIII

Irrigation Management

5th February 2010, 11.30a.m-1.45 p.m and session continues from 3.45 p.m to 6.00 p.m

S.No	Authors	Title
1	G.J. Patel, A.S.Patel, R.A. Patel , S.U.Zala & R.P.Kacha	Feasibility Of Drip Irrigation With Mulching In Castor
2	A.K Singh, M.S.Rama Mohan Rao & W.Murlidhar	Impact Of Watershed Development On Traditional Tank Systems In Semi Arid Region Of Karnataka– A Case Study
3	S.Vishnu Vardhan, G.Venkata Reddy And Ch.Sreenivas	Estimation Of Water-Use Efficciency In A Sub-Surface Drainage System Installed Pilot Area In Godavari Western Delta – India.
4	Ananthini Nanthakumaran ¹ And K. Palanisami ²	Improving The Performance Of Tank Irrigation With Ground Water Use In Tamil Nadu
5	N. Vivekanandan	Optimization Of Cropping Pattern Of Upper Indravati Irrigation Project Using Linear Programming Approach

6	V.M. Devappa,P. Khageshan,S.R.Mise	Irrigation And Its Management- Study Of Bidar District Of Karnataka (India)
7	F. P. Parekh D. T. Shete	Irrigation Scheduling For Cauliflower - Water Balance And Dual Crop Coefficient Approach
8	Kaleem Ullah, Mohsin Hafeez, Josh Sixsmith And Ralph Faux	Integration Of Remote Sensing Derived Actual Evapotranspiration With Spatial Water Balance Model In A Demand Driven Irrigation System
9	P.N. Yadav And S.K. Uttam	Effect Of Moisture Conservation Practices On Lentil Based Intercropping System With Linseed Under Moisture Stress Condition
10	B.Anuradha,B.Rajeswari,N.K.Ambujam, K.Karunakaran	Impact Of Irrigation Tank Rehabilitation On Water Productivity In Peri-Urban Areas – A Case Study In Tamilnadu
11	A.Deivalatha Dr. N.K.Ambujam Dr.K.Karunakaran	Conceptual Model Of Technology Based Decision Making Fortank Irrigation Development
12	M.Ram Nagesh	Un Interrupted Water Supply For Cultivation, By Reducing Pollution And Saving Electrical/Fuel Power
13	Arpita Ghosh	Participatory Irrigation Management In The Mayurakshi Canal Command Area

TECHNICAL SESSION-IX
WATERSHED MANAGEMENT SOCIO ECONOMIC & CULTURAL MODELS
 5th Febraury 2010, 11:30 a.m - 1:45 p.m and session continues from 3:45 p.m – 6:00 p.m

S.No	Authors	Title
1	Dr.Mohd.Hussain	Universal B.E.S.T Intuitive Leadership Wisdom model of “Mindfulness attention” of oneness and wholeness with inner, deeper and absolute convergence which is unidentified with the stereotyped and habitual pattern of the Senses-Body-Mind-Intellect-Egocentric personality for water resource managers for ever increasing levels of effective communication excellence and responsive leadership wisdom at the level of unconscious competence in sustainable development and management of water resources.
2	Er.U.K.Dhruw, Dr. R.K.Shukla, Dr. D.K.Sharma, Smt. N.Pathak and Dr. S.K.Upadhyay	Identification of training needs through PRA in watershed area at Bachhalikhurd
3	Dr. Kapileswar Mishra,	WATERSHEDMANAGEMENT: A CONCEPT FOR SUSTAINABLE DEVELOPMENT
4	K. Palakshappa,	People’s participation and perception towards watershed development programme – a case study of Itagi watershed
5	S.P. Singh, Balbir Singh, Akhter Hussain and Juned Akhter	IN SITU WATERSHED MANAGEMENT THROUGH LOCAL RACES
6	Dr.Mohd.Hussain	Multidisciplinary Diagnostic Analysis (M.D.A) Annual Reports, Design Operation Plans (D.O.P), Seasonal Operation Plans(S.O.P) and Actual Implementation of approved

		seasonal operation plans (A.O.P) as basic tools for integrated water resources management for sustainable crop production : Case studies in Andhra Pradesh state of India.
7	Dr.A.S.Solanki and S.S.Sisodia	Socio Economic constraints analysis and solutions of farmer's participation in Jhakham irrigation project in a tribal belt of Rajasthan

TECHNICAL SESSION-X

WATER QUALITY POLLUTION & ENVIRONMENT

5th Febraury 2010, 2.30 pm-3.30 p.m and session continues from 3.45 p.m to 6.00 p.m

S.No	Authors	Title
1	Gajendra Kumar Dautania And Dr. Gajendra Pal Singh	Impact Of Inorganic Composition And Photoperiod On Growth, Morphology And Protein Content Of Blue Green Algae (Spirulina Platensis) Of Rajasthan
2	A.G.S.Reddy	A Comprehensive Study Of Nitrate Contamination Of Worldwater Resources.
3	M. Vikram Reddy	Dead Fish Floating On Surface Waters As Good Indicators Of Gross Pollution Of Water In Aquatic Bodies In India
4	Gaurav Chakrabarty And Ritesh Kumar	Water Quality Assessment Of Jharia Coal Field In Dhanbad District Using Geospatial Tools
5	M. Vikram Reddy And V. Balram	Hidden Hazardous Pollution Of Urban Lakes In India With Particular Reference To Hussainsagar Lake In Hyderabad (Andhra Pradesh)
6	Meenakshi Singh, Payal Lodha, G. P. Singh And Rajesh Singh	Seasonal Diatomological And Water Analysis Of Selected Traditional Water Bodies Of Semi Arid Region Of Rajasthan

7	Chandrabhan Singh	Assessment Of Microbiological Pollution In Mansi Ganga Lake
8	Ashok Lumb, T.C. Sharma And Jean-François Bibeault.	Water Quality Indices: Review And Current State- Of- Art
9	Sarabdeep Kour And Sanjay Arora	Waste Water Use For Irrigation Affecting Soil-Plant-Animal-Human Health
10	S. R. K. Rao, B. Vijaya Saradhi, Y. Prasanna Kumar, G. Kalyani	Studies On Removal Of Heavy Metal Ion From Aqueous Solution Using Echinoid As Biosorbent
11	H.Chandrashekar, Jyothi Roopa, K.V.Lokesh And G.Ranganna.	Characterization Study On Reservoir Water Bodies Fed By Polluted River And Its Effect On Soil And Vegetation (Case Study For Byramangala Tank Fed By Vrishabhavthi River In Arkavathi River Basin)
12	B. Vijaya Saradhi, S. R. K. Rao, Y. Prasanna Kumar, B. Sumalatha	Removal Of Chromium Metal Ion From Aqueous Solution Using Test Of Sea Urchin
13	Kshitindra .Kr.Singh ,Mukesh Kr. Mahato, A.G Sangode, Abhay Singh And B.K. Tewary	Chemical Characterization And Quality Assessment Of Mine Water For The Suitability Of Domestic And Agricultural Purposes Of Raniganj Coalfield (West Bengal)
14	Bidyut Jyoti Sarmah And Krishna G Bhattacharyya	Identification And Environmental Significance Of Heavy Metal Contaminants Found In Urban Runoff Water Of Guwahati City, Assam
15	Mayur J Mahanta And Krishna G Bhattacharyya	Mobility Of Heavy Metals In Urban Soil: A Case Study At Guwahati, India
16	Nibedita Kapil And Krishna G Bhattacharyya	Accumulation Of Trace Elements In Plants And Fish Of An Urban Wetland
17	Mallikarjun. D, Ramoji. G And Srinivas. N	Study On Removal Of Fluoride From Aqueous Solutions By Using Bentonite Clay
18	M.V.Aditya Nag, Ramakrishna S, Vamshi Dasari, Bharat Kumar Asopa	Quality Improvement Of The Liquid Ring Vacuum Pump Through Design Optimization Technique

19	Ranjana U K Piyadasa, K D N Weerasinghe, Janitha A Liyanage, L M J R Wijayawardhana	Assessing The Groundwater Quality Variation Due To River Water And Land Use Pattern - Case Study In Right Bank Of Nilwala Basin, Sri Lanka
20	R. Amarnath Babu	A Study Of Non-Point Source Pollution In Munneru River And Its Effect On Rural Water Supply Sources, Narsampet Area, Warangal District, Andhra Pradesh, India.

TECHNICAL SESSION-XI

Water & Wastewater Treatment Technologies

5th Febraury 2010, 2.30 pm-3.30 p.m and session continues from 3.45 p.m to 6.00 p.m

S.No	Authors	Title
1	Major Vikrant Ranyal And K.Gopalakrishna	Bioremediation Of Explosive(2,4,6, Trinitrophenol) Contaminated Soil
2	Deepa K & Dr.K.Karunakaran	Recharge Of Waste Water Using Soil Aquifer Treatment Technique - A Review
3	Suresh Kumar Pande, Mukarusagara Grace	Impact Of Erosion On Water Treatment In Kimisagara Water Treatment Plant Of Nyarungenge District, Rwanda
4	Remani.K.N,& Jalaja.T.K.	Removal Of Microbes From Wastewater Using Wetland Plants
5	Karunarathne.S, Thirukumaran.A.K, Ehamparam.S & Damini.S	Selection Of Effective Substrate To Treat Gray Water In Horizontal Flow Constructed Wetlands.
6	B.Subha & M.Muthukumar	Effect Of Metabolic Uncoupler (2, 4 Dinitrophenol) For The Reduction Of Excess Sludge Production In Activated Sludge Process Of Food Processing Wastewater
7	T. Sangeetha And M. Muthukumar	Sustainable Power Production And Effective Cod Removal In An Air-Cathode Microbial Fuel Cell (MFC) Employing Starch-Processing Wastewater (SPW).

8	Usharani.K, M.Muthukumar And K. Kadirvelu	Laboratory Application Of Ozonation Process In The treatment Of Organophosphate Contaminated Wastewater
9	Dr.S.Radha	Ecological Impact On Cadmium Metal Toxicity & Bioavailability to An Anaerobic Bacterium Desulfovibrio Isolated From Fresh Water Lake Sediments
10	Er.Manoj K.Varshaney	Disinfected Water- An Easy Approach

TECHNICAL SESSION-XII

FLOODS, RESERVOIR SEDIMENTATION, CATCHMENT TREATMENT & EIA

5th February 2010, 2.30 pm-3.30 p.m and session continues from 3.45 p.m to 6.00 p.m

S.No	Authors	Title
1	V.P.Jadhav & G.K.Pakhale	Hydropower Development And Environmental Issues
2	Dr. M. Gopal Naik,	Integrated Watershed Modeling For Soil Erosion And Sediment Yield Using Geographical Information System And Remotely Sensed Data
3	A.G Bobba, P. A. Chambers And D. S. Jeffries	Surface And Groundwater Interactions In The Flood Plain: General Principles
4	V. Sudha, Dr.N.K.Ambujam,Dr. K. Karunakaran	A Qualitative Assessment Of Reservoir Sedimentation In Tamil Nadu – A Case Study
5	Ch.Suryanrayana, S.Chandramouli,Dr.K.Rajeswararao	Design Of Unlined Channels Using Tractive Force Method
6	Miss J.P.Nale And A.A.Atre	Feasibility Of An Instrument For Continuous Monitoring Of Suspended Sediment From Experimental Fields
7	N. K. Das And N. K. Talukdar	Impacts Of Disastrous Floods Of 2004 In Beki River Basin, Assam, Northeast India
8	N. K. Talukdar, N. K. Das And S. Kalita	An Investigation On Flood Damage In Barpeta District Of Assam

9	S. Kalita,N. K. Talukdar And N. K. Das	A Comparative Study Of Floods In Major Rivers Of Barpeta District, Assam
10	R.K. Jaiswal, T.R Nayak, N.C. Ghosh, T. Thomas, R.V. Galkate And S. Singh	REMOTE SENSING & GIS BASED ASSESSMENT OF REVISED CAPACITIES IN RESERVOIRS OF CENTRAL INDIA
11	T. Thomas, R. K. Jaiswal, And R. V. Galkaten. C. Ghosh, And S. Singh	Modelling Of Runoff And Soil Erosion Processes In A Degraded Watershed For Development Of A Watershed Management Plan
12	V. Sudha, Dr. S. Ravichandran,Dr. K. Karunakaran	Assessment Of The Quality Of Sediments In Krishnagiri Reservoir, Tamil Nadu
13	Matthew K. Mulengera	Sediment Yield Prediction Under Limited Data Conditions: A Case Study Of Dodoma District Catchments, Tanzania
14	C.Sarala, G.Pradeepkumar	Sediment Analysis Of Aleru River Catchment
15	Swadesh Pal	Restriction Of Sedimentation Through Land Use Reform For Revival Of Natural Reservoirs:A Study On Moribund Deltaic West Bengal
16	Surjit Let	Perception Analysis Of Dwaraka Basin Dwellers On Flood: A Tool For River Basin Management
17	Kiran Yarrakula, Debasis Deb, Biswajit Samanta	Flood Frequency Analysis Of Subernarekha River
18	G.Prasada Rao And K.Mruthyunjaya Reddy	Study Of Spatial Distribution Of Rainfall And Runoff In Srisailam Reservoir Catchment During October 2009 Floods In Andhra Pradesh, India
19	Talib Mansoor, M. Athar, S. K. Singh	An Experimental Investigation Of Flow Over Curved Weirs
20	Ms. Suvarna R Shah, Dr. J.N.Patel	Flood Management – A System For Survival
21	B.Venkateswara Rao, P.Ravibabu and K.Srinivasa Reddy	Remote Sensing Data Based Soil Conservation Studies To Control Sedimentation In Sriramsagar Reservoir

TECHNICAL SESSION-XIII
RS &GIS Applications in Water Resources
6th Febraury 2010, 9.00-a.m-11.15 a.m

S.No	Authors	Title
1	Santosh Kumar R, Subin K.Jose, Shiju. Chcko.G, Madhu, S.Rajendran	GIS For Groundwater Resources Management In A Semiarid Region
2	P.N.Mahajan, Amita A.Prabhu, R.M.Khaladkar And S.G.Narkhedkar	Multiple Satellite Inputs For Better Management Of Extreme Hydrological Events Over The Indian Region
3	V.E. Gosavi, Dr. D. Tamilmani, Dr. S. Santhanabosu And Dr. R. Sivasamy	Remote Sensing And GIS Application For Artificial Recharge Of Groundwater In Kalangal Village Of Coimbatore District
4	B. N. Malleswara Rao	GIS Based Action Plan For Water Resources Management– A Case Study Of A Central India Watershed
5	Dr. V.E. Nethajimariappan, P. Mohana, G.Balamurugan, T. Niranjankumar & Dr. N. Manoharan	Mapping And Analysis Of Surface Structures Of Watersheds Utilizing Remote Sensing Data And Geospatial Technology
6	G.Balamurugan, Dr. C.J. Kumanan, Dr.N. Manoharan	Influence Of Landscape Changes And Climatic Variability In Groundwater Resources Mapping In Arid-Region. Using Mutitemporal Remote Sensing Data And Gis Techniques.
7	G.K.Pakhle And J.P Nale And V.P.Jadhav	Site Selection For Water Conservation Structures In Godavari River Sub Basin Using RS And GIS Approach
8	Sujata Biswas	Application Of Remote Sensing And GIS In Priority Rating Of Catchments
9	A. K. Mishra, K. S. Rawat And Nayan Ahmed	Selection Of Potential Sites For Augmenting Groundwater Recharge In Manesar Nala Watershed In Gurgaon (Haryana) Using RS-GIS Approach
10	C.Sarala,N.Radhika, P.Mynarbabu	Identification Of Ground Water Prospects For Paleru Sub Basin Using Remote Sensing And GIS
11	N.Vijaya Kumari	Application Of Remotesensing Techniques For Monitoring Mangroves

12	Dr. K. Padma Kumari, Prof.K.B.Mahalakshmi, P. Mynar Babu	Remote Sensing Data For Hydro-Morphological Studies In Markapur Area Of Cuddapah Basin In Andhra Pradesh
13	Kiran Yarrakula, Debasis Deb, Biswajit Samanta	Flood Inundation Mapping Of Subernarekha River Using High Resolution Cartosat-1 DEM
14	M.V.Ramana Murty And K.Mruthyunjaya Reddy	Changing Flood Hazard Scenario Around Kolleru Lake, Andhra Pradesh, India - A Remote Sensing And GIS Based Approach

TECHNICAL SESSION-XIV
Rainwater Harvesting & Drinking Water Supplies
6th February 2010, 9.00-a.m-11.15 a.m

S.No	Authors	Title
1	Dr.G.Venkata Rao, S.Chandramouli.	Alternative Proposals For Meeting Water Demand Of Greater Vishakapatnam Municipal Corporation.
2	P.Jayakumar,T.K.Jalaja & K.N.Ramani	Rainwater Harvesting A Cost Effective Technology To Alleviate Water Scarcity.
3	Dr Anil.Kumar	Harvesting Water Resources For Sustainable Livelihood In Hilly Areas Of Uttarakhand, India
4	K.Murali	Community Based Planning, Implementation And Management Of Gravity Flow Drinking Water Supply System With Quality Assurance In The Extremely Down Trodden And Poverty Stricken Tribal Dominated Hamlets Of Gajapathi District Of Orissa State.
5	Sudhakar Pardeshi , S. R. Jog , Suchitra Pardeshi	Prospects Of Rainwater Harvesting For Domestic Water Supply In Rural Areas Of Pune District: An Appraisal
6	B. Nawarathna, H. Malano, B. Maheshwari And B. George	Integrated Land Use And Multiple Water Supply-Demand Modelling Framework: A Peri-Urban Case Study

7	B. Venkateswara Rao And Purnima Mishra	A Scheme On On-Farm Rainwater Harvesting For Promoting Sustainable Agriculture And Livelihood Security Of Farmers In Low Rainfall Region Of Andhra Pradesh
8	Narasimha Prasad, N. B	Hydrogeological Investigation For Communityrural Water Supply Schemes – A Case Study

TECHNICAL SESSION- XV
WATER PRODUCTIVITY IN AGRICULTURE
6thFebruary 2010, 9.00 am-11.15 a.m

S.No	Authors	Title
1	Dr. M.K. Rana	Agro-Techniques: For Raising Vegetables Under Arid Conditions
2	Dr. T.C. Thakur	Improving Water Productivity And Nutrients Use Efficiency Through Soil Cultivation Techniques
3	K K Vashist, A S Brar, S S Mahal, K S Deol And R K Mahey	Water Productivity Of Rice Genotypes Under Different Dates Of Transplanting In Loamy Sand Soils Of Punjab
4	Raghuveera Rao P, Saiaja B, Nageswara Rao D, Subrahamanyam D And Voleti Sr	Effect Of Radiation Use Efficiency (Rue) On Rice Productivity At DRR, Hyderabad And Maruteru, West Godavari
5	U. D. Awasthi, P. N. Yadav, A. K. Tripathi, S. M. Tripathi And Suneel Kumar	Effect Of Fertility Levels On Production Potential, Economics And Moisture Use Efficiency Of Gram (<i>Cicer Arietinum</i>) + Fennel (<i>Foeniculum Vulgare</i>) In Association Under Rainfed Condition
6	Sailaja B, Nageswara Rao D, Raghuveera Rao P, Subrahamanyam D And Voleti Sr	Effect Of Photothermic Indexing On Rice Crop Growing Stages And Productivity At Different Geographic Locations
7	Dhiraj Patil, Gajanan Ramteke, Sachin Nandgude And Dilip Mahale	Dry Spell Analysis For Konkan Region Of Maharashtra

TECHNICAL SESSION-XVI
Water Logging, Salinisation & Conjunctive Utilisation
6th February 2010, 11.30-a.m-1.45 p.m

S.No	Authors	Title
1	S. M. Monjurul Alam	Soil Degradation In Terms Of Clay-Depletion In Topsoil In The Barind Tract, Bangladesh: Verification And Comparison Of Possible Mechanisms
2	P. Sudhakar And D. Jamloki	Water Logging Problems And Its Remedies In Hisar District, Haryana State, India
3	K.Dwarakanath& G.Sudarshan,	Water Logging And Its Effect In The Upper Reaches Of Sri Ram Sagar Canal Command Area, Andhra Pradesh-A Case Study
4	Uniadi Mangidi, Biju George, Hector M Malano, Bandara Nawarathna	Water Allocation Modelling To Harmonise Supply And Demand In The Krishna River Basin, India
5	Dr.H.Mahabaleshwara And Dr.G.Abbaiah	Inter-Basin Transfers And Resolving Conflicts

TECHNICAL SESSION-XVII
Seawater Intrusion, Hydrology of Coasts & their Environment
6th February 2010, 11.30-a.m-1.45 p.m

S.No	Authors	Title
1	A. G. Bobba , P.A. Chambers And D.V. Reddy	Estimation Of Submarine Groundwater Discharge To Beach

2	Saurabh N. Shah	Saline Water Intrusion In Aquifers
3	A.G.Sangode And Kshitindra Kr.Singh	Post Tsunami Sea Water Intrusion In Beaches
4	K.C.B.Raju, J.S.Gosalia & Shivraj Gadhvi	Coastal Salinity Prevention And Mitigation Initiative In Mundra Taluk ,Kutch District Gujarat.
5	A. G. Bobba, P. Chambers ,Y.R.S. Rao, And N.C. Mondal	Prediction Of Nutrients Discharge From Krishna Delta To Coast

TECHNICAL SESSION-XVIII
Watershed Management, Hydrological & Bio Physical Models
6th February 2010, 11.30-a.m-1.45 p.m

S.No	Authors	Title
1	Hiral Devani And A.K. Sharma	Modeling Surface Water Scenario Using Remote Sensing And Gis In Nag And Bhukhi Watersheds, Western India
2	Balbir Singh And Atul Chandra	Studies On Nutrient Status Of Aonla Orchard Soils In Sikar District Of Rajasthan
3	Dr. Suraj Bhan	Watershed Development: Adaptation Strategy For Climate Change
4	M J Singh And K L Khera	Community Managed Bio-Industrial Watershedsfor Sustainable Use Of Natural Resources
5	A. Zaman And S. K. Patra	Watershed Approach Towards Integrated Water Resources Management And Agricultural Sustainability
6	Malay Mukhopadhyay	Management Of Hydro-Morphological System Dynamics For Wise Use Of Watershed
7	Dr.S.C.Puranik	Water and Human Body

