

# **Seminar on Reforms in Management of Public Irrigation System**

30-31 October, 2014, Bangalore

## **PROGRAMME**

### **Thursday, 30<sup>th</sup> October 2014**

09:00-10:00 hrs. Registration

10:00-11:00 hrs. Inaugural Session

**11:30-13:00 hrs. Plenary Session**

- Reforms in management of Public Irrigation System –*Avinash C. Tyagi*
- Water, energy and food nexus; An integrated approach for sustainable development– *Dr. Tushar Shah*
- From Poverty to Prosperity through Reforms in Agriculture Development in South Korea – *Bong Hun Lee*
- IWRM – in 21<sup>st</sup> Century: Challenges and options – *Dr. P.B.S. Sarma*
- Challenges of Integrated water resources planning and management in Indian context–*Joop Stoutjesdijk*

**14:00-15:30 hrs. Technical Session I: Reforms in Indian Irrigation system –**

- Irrigation management governance for sustainable irrigation and water re-use – *A.B. Pandya*
- Regulating water resources for efficient, equitable and sustainable use in Maharashtra – *Ravi Budhiraja, S A Kulkarni, and P R Deshpande*
- Institutional Reforms in Indian Irrigation Sector: Approach and Strategies for Implementation – *Dr. R. Maria Saleth*
- Issues in water rights, institutional design and pricing that need resolution in the context of private capital and management in water - *Prof. Sebastian Morris*
- Policy initiatives for reforms in irrigation management – *Dr. Mukesh Sinha*
- Breaking the Agrarian Impasse in Eastern India: Understanding the Land-Water-Energy-Food Nexus - *M. Dinesh Kumar, Nitin Bassi, MVK Sivamohan and L. Venkatachalam*

**16:00-17:30 hrs. Technical Session II: Participatory Irrigation Management**

- Experiences of benchmarking in irrigation projects–*Ms. Malini Shankar*
- Conjunctive management of surface and ground water–*Dr. Tushar Shah*
- Participatory Irrigation Management for improved efficiency – Andhra Pradesh experiences– *G. Surender, L. Narayan Reddy and Dr. K. Yella Reddy*
- Two decades of participatory irrigation management in Maharashtra - *Dr. Suresh A. Kulkarni*
- Experiences, Challenges and Way Forward for promoting PIM –*Sachin Ozha*
- Integrated Water Resources Management with special emphasis on Participatory Irrigation Management –*M.G. Shivakumar and R. Doraiswamy*
- International experience on river basin approach for advocating irrigation management reforms in India – *S.C. Patra and R.K. Sinha*

### **Friday, 31<sup>st</sup> October 2014**

**09:30 -11:00 hrs. Technical Session III: Modernization of Irrigation System**

- Progressive technologies in irrigated agriculture – *Er. M. Gopalakrishnan*

- Rehabilitation and modernization of the existing Irrigation system–*R.K. Jain*
- Use of geospatial technology for irrigation management - *Abdul Hakeem K*
- Integrated Irrigation Solutions- Case Studies In India –*Somnath Jadhav*
- Modernization of Irrigation Systems in China –*Ding Kunlun*
- Limits to improving water use efficiency for waters saving in Indian river basin –*Upali Amarasinghe and Sanmugam Prathapar*
- Adoption of Drip irrigation technology in larger scale irrigation projects in canal command areas – issues, approaches and efforts for Ramthal Drip Irrigation Project - *M.S. Ramesh*
- Reforms in Irrigation Management: Modernization of Irrigation Management – Building Blocks in Karnataka State, India - *P. Somasekhar Rao and M.G. Shivakumar*

**11:30 -13:00 hrs. Technical Session IV: Operation & Maintenance of Irrigation System**

- Micro – Irrigation for sugarcane in Karnataka – An unique initiative - *Prof. Aravind Galgali*
- Improve cost recovery in irrigation – *Dr. R.P.S. Malik*
- Public private partnership in irrigation projects - *T.V. Raghu Ramaswamy*
- Improving the water and energy efficiency for food production through drip irrigation - *Santosh K. Deshmukh*
- Introduction of micro-irrigation in new irrigation projects of Karnataka State for enhancing water use efficiency – *Anil Kumar and M.G. Shivakumar*
- Canal automation to improve the water use efficiency–*Sidharth Charkha*
- Mainstreaming Watershed Management Programmes for Rural Development in India –*B. S. Kalra, A. K. Mishra*

**14:00 -15:30 hrs. Technical Session V: Water, Energy Food Nexus**

- Water, energy and food nexus – Sustained food security implications – *Dr. Thierry Facon*
- Progression of Micro Irrigation into Canal Commands APMIP Experience – *Dr. K. Yella Reddy and L. Narayan Reddy*
- Scope of Public-Private Partnership for Sustainable Development of Water Resource Projects in a Backward Region of India - *Dr Binayak Rath*
- Yettinahole Integrated Drinking Water Project-Issues and challenges in harnessing west flowing rivers in Karnataka State- *R Cheluvvaraju and M Satish,*
- Slipform Pavers for faster Canal lining - *Ashutosh Dhar*

**16:00 -17:30 hrs. Technical Session VI: Other issues**

- Pricing of Irrigation Water in Maharashtra - *S A Kulkari,, P R Khire, and R S Sodal*
- Modernizing a public irrigation scheme - A case study of Pakistan's Hakra canal scheme – *Arif Anwar, Muhammad Azeem Ali Shah, Muhammad Aslam*
- Canal automation – to raise water use efficiency – *Mukesh Arora and A.R. Khaladkar*
- Systems approach to management of tanks–*U. D. Kulkarni and M. L. Waikar*

**Morning Tea: 11:00-11:30 hrs.**

**Lunch 13:00-14:00 hrs.**

**Evening Tea: 15:30-16:00 hrs.**