



Book and
pay before
01 March 2011
and save up to
US \$100

WASTEWATER MANAGEMENT INDIA

Utilising new techniques in wastewater treatment, increasing awareness and improving water sustainability

International summit: 24 – 25 May 2011

Interactive workshops: 23 & 26 May 2011

The Grand New Delhi, India



Exclusive speaker panel includes:

- **Dr. Avinash Agolkar**, Technical Director, **Central Pollution Control Board**
- **Dr. S. R. Wate**, Director, **National Environmental Engineering Research Institute (NEERI)**
- **I. K. Kapila**, Senior Environment Engineer - Research & Development, **Delhi Pollution Control Committee**
- **T. N. Prakash**, Head – Water & Environment, **ATKINS**
- **Shri Dharmendra**, Secretary – Environment & Forests, National Capital Territory, **Government of Delhi**

Benefits of attending:

- **Learn** about the latest trends and technologies in wastewater management and treatment
- **Understand** policies and regulatory guidelines in wastewater management
- **Gain** insights on water sustainability
- **Hear** about the best practices, standards and strategies in wastewater management from international and regional case studies

For more information or to register

Tel: +971 4 364 2975 Fax: +971 4 363 1938 Email: enquiry@iqpc.ae

www.wastewaterindia.com

Media partners:

Media partners:

Researched and developed by:





Essential interactive workshops

Monday 23 May and Thursday 26 May 2011

IQPC's workshops are unique opportunities to spend valuable time with industry experts. These interactive sessions are extended to ensure that you will get to the heart of the summit's most critical issues and uncover practical solutions that you can apply in your own company.

Pre-summit workshop

Monday 23 May 2011, 10:00 – 16:00

Discussing the strategies, trends and technologies for rural wastewater management and infrastructure

Summary:

Due to the non-existence of wastewater collection and treatment systems in rural India, there is an alarming threat of multiple health hazards. Wastewater management in rural India requires high energy consumption, making the application of conventional systems unsuitable for rural conditions. This full day workshop will focus on sustainable wastewater management practices and innovative techniques suitable for rural conditions.

The workshop will also emphasise the importance of creating optimal wastewater treatment plant designs to maximise the return on rural wastewater investment.

The second part of the workshop will feature the application of various cost-effective wastewater treatment technologies and techniques to improve the sustainability and efficiency of wastewater management in rural areas. The workshop will also feature case studies focused on community-based wastewater management.

Benefits of attending:

- Get introduced to the latest technologies and techniques for rural wastewater management
- Assess sustainable wastewater management practices and strategies
- Review hybrid systems for wastewater reuse

Post-summit workshop

Thursday 26 May 2011, 10:00 – 16:00

Implementing green technologies in urban and industrial wastewater management to maximise sustainability

Summary:

In view of the depleting eco-system due to rapid industrialisation and urban development, the use of alternative and eco-friendly technologies are now critical in the wastewater industry. This full day workshop will focus on innovative solutions like green technologies which involve converting sewer sludge to fresh water through unconventional means. This latest technology involves re-organising natural resources through a three step process for filtration. The workshop will conclude with the showcase of international case studies demonstrating the application of such innovative solutions.

Benefits of attending:

- Maximise sustainability through proven green technologies
- Review cost-effective and eco-conscious solutions
- Learn about new techniques from various international case studies



IQPC provides business executives around the world with tailored practical summits, large scale events, topical seminars and in-house training programmes, keeping them up-to-date with industry trends, technological developments and the regulatory landscape. IQPC's large scale conferences are market leading "must attend" events for their respective industries.

IQPC produces more than 1,700 events annually around the world, and continues to grow. Founded in 1973, IQPC now has offices in major cities across six continents including: **Bengaluru, Berlin, Dubai, London, New York, Sao Paulo, Singapore, Stockholm, Sydney, and Toronto.** IQPC leverages a global research base of best practices to produce an unrivalled portfolio of summits. www.iqpc.ae

For more information or to register Tel: +971 4 364 2975



Summit day one: Tuesday 24 May 2011

08:30 Registration, refreshments and networking

09:00 Chair's welcome and opening remarks

Understanding guidelines and discovering new investment opportunities in the wastewater sector in India

09:10 **Understanding the statutory reforms and norms for wastewater treatment in India**

- Drafting broader guidelines for wastewater treatment
- Following best practices and procedures to acquire early environmental clearance for wastewater projects
- Assessing the current five year plan and drawing a road map for the future

Dr. Avinash Agolkar, Technical Director, **Central Pollution Control Board**

09:50 **Discussing the importance of Public-Private Partnerships (PPPs) in the wastewater segment to facilitate strategic alliance**

- Highlighting the roles and responsibilities of the private sector and various industries in wastewater projects
- Examining the challenges in executing the PPP model and evaluating the status of PPP projects
- Discovering new business opportunities and understanding the regulatory and legal framework

Dinesh Mahajan, Director, **Housing and Urban Development Corporation (HUDCO)**

10:30 **Adopting best practices in wastewater management and developing a framework for the code of conduct in wastewater projects and practices**

- Defining metrics applicable to wastewater treatment and management
- Implementing best practices in regional wastewater management and reuse of water
- Selecting the appropriate resources for developing a framework in wastewater treatment

I. K. Kapila, Senior Environment Engineer - Research & Development, **Delhi Pollution Control Committee**

11:10 Morning break, networking and refreshments

11:40 **Discussing the economics of wastewater reuse in cities**

- Reusing wastewater in the Greater Mumbai region
- Highlighting the cost economics of wastewater reuse for the proposed 90 MLD sewage treatment plant at Ghatkopar for the Municipal Corporation of Greater Mumbai
- Identifying cost-effective technologies for the reuse of wastewater

Sumedha Shah, Director, **Shah Technical Consultants**

12:20 **Re-engineering existing wastewater management systems**

- Prioritising wastewater treatment process in the organisation
- Transforming the wastewater industry into a technology driven model
- Implementing appropriate strategies and methodologies to improve sanitation infrastructure

Dr. Avinash Agolkar, Technical Director, **Central Pollution Control Board**

Dinesh Mahajan, Director, **Housing and Urban Development Corporation (HUDCO)**

I. K. Kapila, Senior Environment Engineer - Research & Development, **Delhi Pollution Control Committee**

Sumedha Shah, Director, **Shah Technical Consultants**

Creating awareness in urban wastewater management and encouraging the use of innovative solutions

13:00 Lunch break and networking opportunity

14:00 **Assessing the role of the public sector in wastewater treatment for urban areas**

- Stressing the importance of communication between municipalities, authorities and citizens in implementing wastewater projects
- Encouraging active participation from local communities
- Developing action plans and integrating wastewater reuse practices into the city's planning, development and maintenance agenda

Shri Dharmendra, Secretary – Environment & Forests, National Capital Territory, **Government of Delhi**

14:40 **Overcoming challenges in urban wastewater management and assessing the impact of rapid urbanisation in industrial cities**

- Exploring trends in wastewater management for different industrial regions in urban areas
- Managing and monitoring urban wastewater systems
- Pre-empting the environmental threats of a growing population and rapid urbanisation

Padmakar Nandusekar, Advisor – Environment, **Mumbai Industrial Development Corporation**

15:20 Afternoon break, networking and refreshments

15:50 **Acquiring real-time control in integrated urban drainage systems**

- Undertaking rehabilitation of wastewater disposal and wastewater systems
- Implementing automated simulation of urban drainage systems
- Applying self-assessment tools to rate urban wastewater and drainage systems

16:30 **Recycling, reusing and reproducing water**

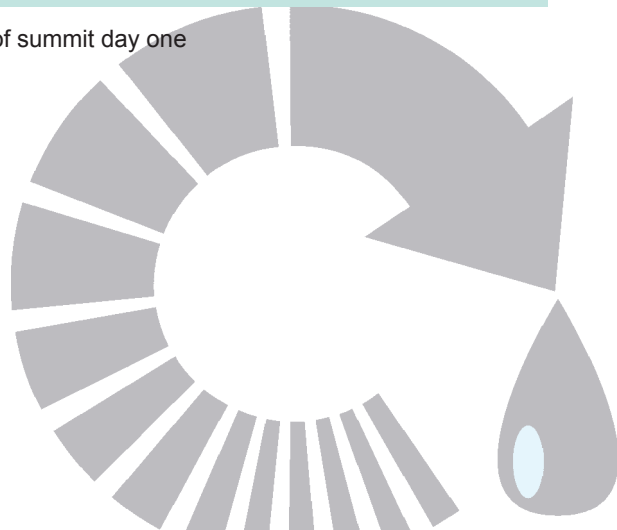
- Employing best practices in wastewater recycle management
- Educating the authorities and organisations on the latest reuse models
- Integrating wastewater reuse technologies with the current system

Dr. Avinash Agolkar, Technical Director, **Central Pollution Control Board**

Shri Dharmendra, Secretary – Environment & Forests, National Capital Territory, **Government of Delhi**

Padmakar Nandusekar, Advisor – Environment, **Mumbai Industrial Development Corporation**

17:10 End of summit day one





Summit day two: Wednesday 25 May 2011

08:30 Registration, refreshments and networking

09:00 Chair's welcome and opening remarks

Assessing new technologies for industrial wastewater management

09:10 **Comparing centralised and decentralised wastewater systems in the industrial sector**

- Selecting the appropriate solutions for the assessment of wastewater treatment in various industry sectors
- Employing ecological assessment to highlight the advantages of centralised and decentralised elements
- Addressing the impact of centralised and decentralised systems on operational and maintenance costs

Dr. Poonam Ahluwalia, Senior Manager- Environment, **TATA Consulting Engineers**

09:50 **Optimising power consumption in wastewater treatment and management**

- Validating the different solutions available for reducing power consumption in wastewater treatment plants
- Developing an efficient plant design for energy efficiency
- Maximising the benefits of an energy efficient wastewater system

N. Murugesan, Director General, **Central Power Research Insititute (CPRI)**

10:30 **Overcoming challenges in sludge handling by utilising the correct methodologies**

- Recognising the right equipment for effective sludge handling
- Discussing the role of various processes including incineration and sludge de-watering in sludge handling
- Integrating technologies like mechanical disintegration, ultrasonic disintegration and hydrolysis in the wastewater treatment plants

C. N. Purushotham, Wastewater Expert, **Bharat Heavy Electricals Limited (BHEL)**

11:10 Morning break, networking and refreshments

11:40 **Achieving sustainability in wastewater management through simple and innovative treatment technologies in oil & gas and processing industries**

- Deploying anaerobic pre-treatment of wastewater to ensure sustainability
- Understanding the contribution of wastewater treatment in improved energy and water availability
- Validating state-of-the-art technologies for environmental and sustainable development

Dr. S. R. Wate, Director, **National Environmental Engineering Research Institute (NEERI)**

12:20 **Building effective training programmes in the area of wastewater management**

- Highlighting the importance of training courses and programmes for wastewater treatment
- Implementing knowledge transfer programmes
- Educating the workforce on the role of wastewater management

Dr. Poonam Ahluwalia, Senior Manager- Environment, **TATA Consulting Engineers**
Dr. S. R. Wate, Director, **National Environmental Engineering Research Institute (NEERI)**
C. N. Purushotham, Wastewater Expert, **Bharat Heavy Electricals Limited (BHEL)**
N. Murugesan, Director General, **Central Power Research Insititute (CPRI)**

13:00 Lunch break and networking opportunity

Improving wastewater plant design and enhancing asset management

14:00 **Illustrating the importance of effective wastewater asset management**

- Bringing global wastewater asset management strategies to India
- Adopting best practices in wastewater asset management
- Discussing key areas of wastewater asset management

T. N. Prakash, Head – Water & Environment, **ATKINS**

14:00 **Assessing innovative systems, strategies and practices in wastewater plant design for the pharma sector**

- Adopting global design strategies for wastewater treatment plants
- Conceptualising design of wastewater treatment plants using innovative methodologies
- Highlighting the criticality of design in the implementation and construction of wastewater treatment plants

Dr. V. R. Akella, Specialist – Wastewater Engineering, **Ramky Enviro Engineers**

15:20 Afternoon break, networking and refreshments

15:50 **Discussing the various technology options for decentralised facilities in the textile sector**

- Devising plans and strategies for reducing operational costs
- Efficiently managing the life-cycle costs of wastewater projects
- Implementing assessment programmes for effective maintenance of wastewater treatment plants

Dr. Tapas Nandy, Scientist G & Head - Wastewater Division, **National Environmental Engineering Research Institute (NEERI)**

16:30 **Future proofing India's wastewater infrastructure in the domestic and industrial sectors**

- Adopting global strategies and practices in India's wastewater industry
- Setting benchmarks in wastewater management
- Assessing new strategies suitable for the Indian wastewater treatment industry

T. N. Prakash, Head – Water & Environment, **ATKINS**
Dr. V. R. Akella, Specialist – Wastewater Engineering, **Ramky Enviro Engineers**
Dr. Tapas Nandy, Scientist G & Head - Wastewater Division, **National Environmental Engineering Research Institute (NEERI)**
Shri Dharmendra, Secretary – Environment & Forests, National Capital Territory, **Government of Delhi**

17:10 Final comments from the chair and end of summit





WASTEWATER MANAGEMENT INDIA

Why attend Wastewater Management India?

Rapid urbanisation and growth in India's industrial sector has contributed to the pollution of surface as well as groundwater. The wastewater treatment market is currently estimated at Rs. 5400 crores in India with a growth rate of 20%. This has resulted in techniques including watershed management, rainwater harvesting, desalination, filtration, river-interlinking, effluent treatment and sewage treatment growing taking precedence in major cities and industries, the major contributors to water pollution in India.

Wastewater Management India will showcase new techniques and trends in wastewater management and treatment and provide case studies of successful projects and best practices. The summit will bring together various municipalities, private players, contractors and consultants on a common platform to discuss the critical issues in wastewater management.

Highlights of the event:

- Outstanding speaker panel which includes experts from domestic and industrial sectors
- Interactive panel discussions on the critical areas of wastewater management
- Exclusive insights into wastewater projects by leading wastewater infrastructure consultants
- Showcase of the latest technologies and solutions to enhance wastewater management in both the domestic and industrial sectors
- Special focus sessions on India's domestic and industrial wastewater treatment plants
- Two exclusive full day interactive workshops on rural wastewater management, green technologies and sustainable practices

Who will you network with at Wastewater Management India?

Municipalities

- Commissioners
- Chief Engineers
- Advisors
- Technical Advisors

Ministry of Environment & Forests

- Secretary
- Joint Secretary
- Central Pollution Control Board
- Chairman
- Technical Directors

- Advisors
- Members
- Secretary

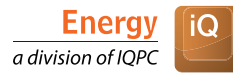
Private Sector (Industries)

- Heads, Directors, General Managers, Managers
- Projects
- Operations
- Utilities & Environment
- Procurement
- Engineering
- Wastewater

Supporting Organisations:



About Energy IQ:

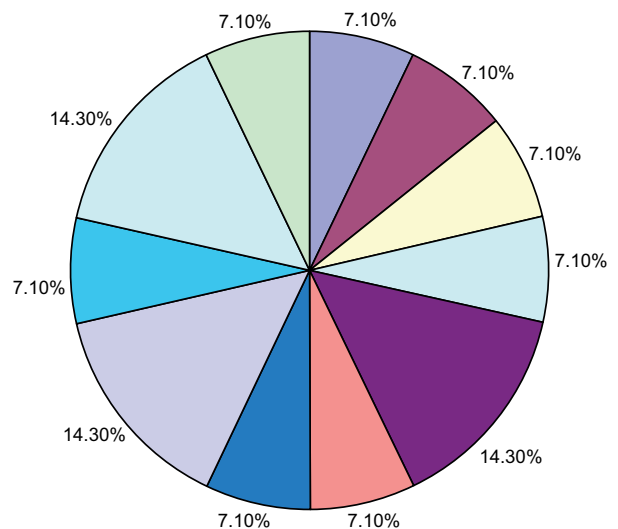


Energy IQ, a division of IQPC, is dedicated to providing practical, detailed information through summits, training courses, webinars and our monthly e-newsletter. By providing accurate, objective and up-to-date developments and trends in various industries, Energy IQ enables organizations to remain competitive and profitable.

Media partner:



The India Water Portal is an open, inclusive, web-based platform for sharing water management knowledge amongst practitioners and the general public. It aims to draw on the rich experience of water-sector experts, package their knowledge and add value to it through technology and then disseminate it to a larger audience through the internet.



- Engineer/Engineering Manager
- Technical Director
- Planning/ Strategy Director/Manager
- General Manager Manufacturing/ General
- Commercial Director/Manager
- President
- Department/Unit/Group Manager/ Representative
- Business Development Director/ Manager
- Specialist/Expert
- Sales/Forecasting Director
- Marketing Director/Manager

Sponsorship & exhibition opportunities

Only at **Wastewater Management India** will the highest-level decision makers attend in one place at one time. They will evaluate products and services and will look to short-list potential suppliers.

- Can you afford to miss out on this opportunity?
- Do you have a product or service that our senior decision-makers and influencers need?

We have a range of business development / marketing and sales solutions that will be tailored to specifically deliver on your business objectives. For more details, call Aurobind Edrich on +971 4 364 4606 or email sponsorship@iqpc.ae

REGISTRATION

Event Code: 17268.003

Please complete in BLOCK CAPITALS as information is used to produce delegate badges.
Please photocopy for multiple bookings.

Please do not remove this label even if it is not addressed to you. Your Priority Registration Code is printed on the top of the label below. Please quote it when registering:

PRIORITY BOOKING FORM

- Discounts cannot be combined.
- Discounts are not valid if payment is received after closing date.
- Payment prior to summit is mandatory for attendance.

SUMMIT PRICES

For organisations based in India: Book and pay before 01 March 2011 and save up to US \$100

Summit package	Before 01 March 2011	After 01 March 2011
<input type="checkbox"/> Gold package(Summit + 2 full workshops)	US \$666 (Save US \$100)	US \$799
<input type="checkbox"/> Silver package(Summit + 1 full workshops)	US \$649 (Save US \$50)	US \$699
<input type="checkbox"/> Summit only	US \$549 (Save US \$50)	US \$599

For organisations based outside of India: Book and pay before 01 March 2011 and save up to US \$200

Summit package	Before 01 March 2011	After 01 March 2011
<input type="checkbox"/> Gold package(Summit + 2 full workshops)	US \$1,499 (Save US \$200)	US \$1,699
<input type="checkbox"/> Silver package(Summit + 1 full workshops)	US \$1,299 (Save US \$100)	US \$1,399
<input type="checkbox"/> Summit only	US \$999 (Save US \$100)	US \$1,099

Prices are exclusive of tax. 10.3% service tax will be added to the advertised price upon registration.

DELEGATE DETAILS

DELEGATE 1 Mr Mrs Ms Dr Other

First Name: Surname:

Email: Telephone:

Job Title: Department:

Organisation: Nature of business:

Address:

Postcode: Country:

Telephone: Fax:

Dept. Head: Training Manager:

Name of person completing form if different from delegate:

Signature: Date:

I agree to IQPC's payment terms
If you have not received an acknowledgement before the conference, please call us to confirm your booking.

PAYMENT METHOD

By Credit Card
Please debit my credit card: Visa Mastercard American Express

Card No:

Valid From: Expiry Date: Issue Number:

Card Holder's name: Signature:

Card billing address: (if different from Co.address)

Country: Postcode:

By Direct Transfer: Please quote AE 17268.003 with remittance advice
Bank Name: HSBC BANK Gurgaon Account number: 054-360565-001
Account Name: IQPC India Private Limited Swift Code: HSBC INBB IFSC CODE: HSBC0110005
Intermediary USD Bank details. Please remit by SWIFT MT103

For further credit to IQPC India Private Limited; Account number: 054-360565-001 with HSBC India (Swift – HSBCINBB) through HSBC Mumbai's account no.000-04417-2 with HSBC Bank USA New York.
HSBC BANK USA, New York Chips Code : 302755, HSBC BANK USA, New York Swift code: MRMDUS33
HSBC BANK USA, New York ABA Routing Number: 021-001-088
All bank charges to be borne by the payer. Please ensure that IQPC receives the full amount invoiced.

Please tick the appropriate box if you would like to pay by one of these methods and our customer services team will contact you directly to finalise the payment.

PAYMENT TERMS

Payment is due upon receipt of invoice. Bookings received within 10 working days of the conference require a credit card number to confirm your place. Payment prior to the event is mandatory for attendance. All bookings gaining the early bird discount must be paid before the early bird date, otherwise the full rate will be applied and charged. In these instances, payment of the full amount will be required before entry to the event.

4 WAYS TO REGISTER

Online: www.wastewaterindia.com
Phone: +971 4 364 2975
Fax: +971 4 363 1938
Email: enquiry@iqpc.ae

TEAM DISCOUNTS

Team discounts available on request. Call +971 4 364 2975 for more information.

VENUE & ACCOMMODATION



The Grand New Delhi
Nelson Mandela Road
Vasant Kunj Phase
II New Delhi 110070
Tel: +91 11 4766 1200
Fax: +91 11 2670 5599

Email: convention.sales04@thegrandnewdelhi.com
Online: www.thegrandnewdelhi.com

VENUE & ACCOMMODATION:

Hotel and travel costs are not included in the registration fee. For assistance in your travel and accommodation requirements, please refer to details below:

Room Reservation

Special / corporate rate for room accommodation is available in the hotel. You may contact the hotel directly as per the details above quoting IQPC Middle East or the name of the conference.

Flight reservation:

Contact Anuj Sachev or Charo Marie at SNTTA Travel & Tours LLC Dubai.

Email: iqpc@snttadubai.com

Tel: +971 4 282 9000

Fax: +971 4 282 9988

www.sntta.com

Please book at the earliest for your convenience

CONFERENCE DOCUMENTATION

If you cannot make the dates you can still access all of the presentations delivered throughout the conference days for just US \$450, post event. Contact us on +971 4 364 2975 for further details.

IQPC India Private Limited (IQPC) Standard Terms and Conditions

PAYMENT:

- Payment is due in full at the time of registration and includes lunches, refreshments and detailed conference materials.
- Your registration will not be confirmed until payment is received and may be subject to cancellation.
- If a booking is received 10 working days before the conference a credit card number will be required to confirm your place, likewise if full payment has not been received before the conference date.

DISCOUNTS:

- All 'Early Bird' Discounts require payment at time of registration and before the cut-off date in order to receive any discount.
- Any other discounts offered by IQPC (including team discounts) must also require payment at the time of registration.
- All discount offers cannot be combined with any other offer.

CANCELLATION, POSTPONEMENT AND SUBSTITUTION POLICY:

- You may substitute delegates at any time by providing reasonable advance notice to IQPC.
- For any cancellations received in writing not less than eight (8) days prior to the conference, you will receive a 90% credit to be used at another IQPC conference which must occur within one year from the date of issuance of such credit. An administration fee of 10% of the contract fee will be retained by IQPC for all permitted cancellations. No credit will be issued for any cancellations occurring within seven (7) days (inclusive) of the conference.
- In the event that IQPC cancels an event for any reason, you will receive a credit for 100% of the contract fee paid. You may use this credit for another IQPC event to be mutually agreed with IQPC, which must occur within one year from the date of cancellation.
- In the event that IQPC postpones an event for any reason and the delegate is unable or unwilling to attend on the rescheduled date, you will receive a credit for 100% of the contract fee paid. You may use this credit for another IQPC event to be mutually agreed with IQPC, which must occur within one year from the date of postponement.
- Except as specified above, no credits will be issued for cancellations. There are no refunds given under any circumstances.
- IQPC is not responsible for any loss or damage as a result of a substitution, alteration or cancellation/postponement of an event. IQPC shall assume no liability whatsoever in the event this conference is cancelled, rescheduled or postponed due to a fortuitous event, Act of God, unforeseen occurrence or any other event that renders performance of this conference impracticable, illegal or impossible. For purposes of this clause, a fortuitous event shall include, but not be limited to: war, fire, labor strike, extreme weather or other emergency.

PROGRAM CHANGES :

- Please note that speakers and topics were confirmed at the time of publishing; however, circumstances beyond the control of the organisers may necessitate substitutions, alterations or cancellations of the speakers and/or topics. As such, IQPC reserves the right to alter or modify the advertised speakers and/or topics if necessary. Any substitutions or alterations will be updated on our web page as soon as possible.

YOUR DETAILS:

Please email our database manager at enquiry@iqpc.ae and inform him/her of any incorrect details which will be amended accordingly.