



2ND INTERNATIONAL EXHIBITION on Water, Wastewater & Waste Treatment Technologies and Management

29-31 January 2015, BITEC, Bangkok, Thailand

SUB-EXHIBITIONS

Water & Wastewater Expo 2015
Desalination Expo 2015
City Waste Expo 2015,
Trenchless Tech Expo 2015

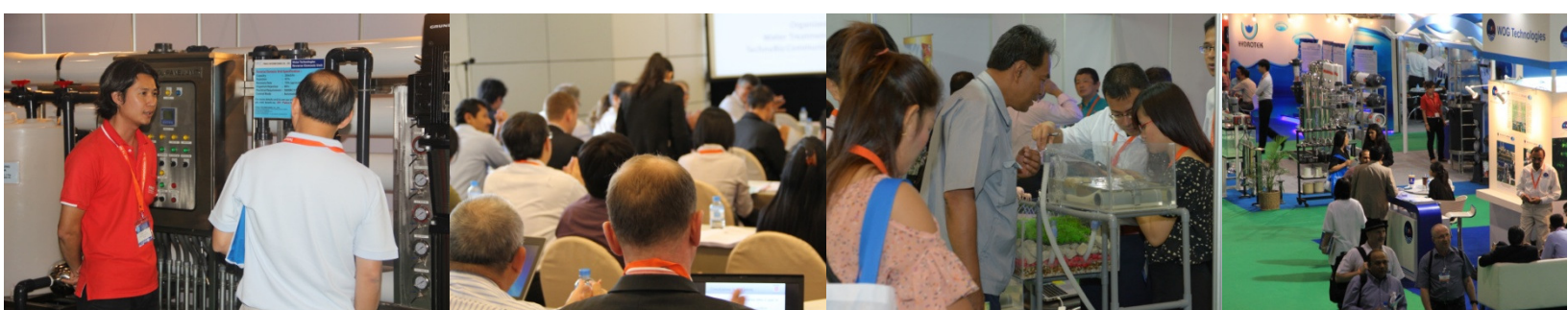
Membrane Tech Expo 2015
Drinking Water Expo 2015,
Haz Waste Expo 2015

Pumps & Flow Control Expo 2015
Biogas Tech Expo 2015
Stormwater Expo 2015

Organized by



WWW.3W-EXPO.COM



CPPE 2015
Chemical, Process & Pollution Engineering Expo 2015

1st INTERNATIONAL EXHIBITION on Chemical & Process Engineering and Pollution Engineering

29-31 January 2015, BITEC, Bangkok, Thailand

SUB-EXHIBITIONS

Filter Tech Expo 2015
Nanotech Expo 2015

Heating & Cooling Expo 2015
Sensor & Measurement Expo 2015

Clean Air Expo 2015
Storage Tank Expo 2015

Organized by



Remark: Conferences and Training Courses will be organized during 27-31 January 2015

TechnoBiz Communications Co., Ltd. and VNU Exhibitions Europe jointly organizing second edition of 3W Expo 2015, an International Exhibition on Water Treatment, Wastewater Treatment and Waste Treatment Technologies and Management during 29-31 January 2015 at Bangkok International Trade & Exhibition Center (BITEC) in Bangkok, Thailand. 3W Stands for Water, Wastewater and Waste. 3W Expo 2015 is focusing on Technologies and Management of 3Ws. 3W Expo 2015 is co-located with 1st Edition of CPPE 2015, International Exhibition on Chemical & Process Engineering and Pollution Engineering during 29-31 January 2015 at BITEC, Bangkok.

MAJOR HIGHLIGHTS

- Two Trade Exhibitions Together (3W Expo 2015 + CPPE 2015)
- 17 Specialised Conferences
- More than 50 Educational Short Courses
- Global CEO Dinner - Networking Event for Top Management of 3W+CPPE
- 3W Consultants Hub - Advisory Services on Water, Wastewater and Waste Treatment
- Global Research Fair on Environmental & Chemical Engineering
- Education Zone - Environmental & Chemical Engineering
- TechnoBiz Knowledge Test - Assessment Test on "Water Treatment Principles" and "Biogas Technology"
- Environmental Engineering Thailand Directory 2015 - Book Release
- Engineering Job Fair - Employment Opportunities for Engineers

Two Trade Exhibitions Together (3W Expo 2015 + CPPE 2015)

3W Expo 2015: 3W Expo 2015 is focusing on water, wastewater and waste treatment technologies and management. It is comprised of 10 sub-exhibitions together. The exhibitor profile includes: **WATER & WASTEWATER EXPO 2015** :

Water and Wastewater Treatment Equipment and Chemicals, Biological and Chemical Water Treatment Systems, Physico-Chemical Treatment System, Cooling Tower and Boiler Water Treatment Systems, Non-Chemical Systems, Drainage Equipment, Sludge Separation and Treatment, Dewatering Systems, Water and Wastewater Testing & Monitoring Equipment, Municipal and Industrial Wastewater Systems, Swimming Pool Water Treatment, Odor Control Systems, Biological (Aerobic / Anaerobic) Wastewater Treatment, Wastewater Reuse Technologies, Advanced Wastewater Treatment, Nutrient Removal, Heavy Metals Removal, Energy Management in WWT, Operation & Maintenance Services, SCADA, Design Software, Storage Tanks, Ground Water treatment Equipment, Groundwater Remediation Services, Groundwater Pollution Prevention, Data Acquisition & Data logging Equipment, etc. **MEMBRANE TECH EXPO 2015:** Technologies and Systems related to Micro-Filtration (MF), Ultra Filtration (UF), Nano-filtration (NF), Reverse Osmosis (RO), Forward Osmosis (FO), Pressure Vessels and Membrane Housing, Membrane Treatment System Builders, Membrane Scaling and Fouling Treatment Systems, Membrane Bioreactors (MBR) etc. **DESALINATION EXPO 2015:** Membrane Desalination, Brackish & Seawater Desalination, Energy Recovery & Saving Units, Pretreatment, Post-Treatment of Desalinated Water, Automation Technologies, Thermal Desalination, Package Systems, Concentrate Treatment, Water Reuse, Anti-fouling and boron management, Integration of Desalination and Water Reuse etc. **BIOGAS TECH EXPO 2015:** Biogas Production Technologies, Biogas Treatment, Biogas to Electricity, Biogas Engines, Turbines, Biogas Cleaning, Gas Accumulators, Gas Analyzers, Cogeneration Systems, Gas Control Systems, Heat Utilization, Natural Gas Vehicles, Transformers and Connection to Grid, Feeders, Metering & Weighing Systems, Automation and Instrumentation, Software systems etc.

PUMPS & FLOW CONTROL EXPO 2015: Centrifugal Pumps, Chemical Feed Pumps, Diaphragm Pumps, Grinder Pumps, Ground Water Pumps, Lift Station Pumps, Metering Pumps, Progressive Cavity Pumps, Reciprocating Pumps, Screw Pumps, Sludge Pumps, Submersible Pumps, Vertical Pumps, Metallic & Non-Metallic Pumps, Pump Controls, Flow Meters & Instrumentation, Flumes/Weirs, Dosing Equipment, Air Compressors, Chemical Feed Equipment, Automatic Valves, Backflow Prevention Valves, Check Valves, Gate Valves, Plug Valves, Rotary Valves, Safety Valves, Solenoid Valves, Steam Traps, Level Controls and Measurement, Pressure Gauges and Sensors, Transducers, Infrared Thermography, Pipes and Piping Systems, Pulsation Dampeners, Lubrication Systems, Motors and Drives etc. **DRINKING WATER EXPO 2015:** Alkaline Water Dispenser, Auto- filling Equipment, Carbon Filter Cartridges, Central Drinking System, Ceramic Filter Cartridge, Connectors, Electric Hot Water Dispenser, Electrolyzer, Faucets, Filters, water purifiers, Filtration Purifier for Commercial Use, Residential, Office, Ion Exchange Resin, Ozone Sterilizer, Pure Water Treatment System, RO Purifier, RO Accessories - Faucet, Housing, Installation accessories, Membrane, Filter and Media, Pump, Tank, Tube & Fittings etc., Silver Activated Carbon Filter, Silver ion sterilizer, U.V Sterilizer, Valves, Water Dispenser, Water Fountain, Water Heaters (Shower), Bottled Drinking Water Plant, Mineral Drinking Water Plant, All Drinking Water Equipment for Households etc. **CITY WASTE EXPO 2015:** Municipal Solid Waste Management Technologies, Energy Recovery, Recycling Technologies, Composting, Landfill Management, Waste Collection and Transfer Technologies, Trucks & Transportation Equipment, Waste Classification Equipment Technologies, Incineration/Gasification/Thermal Technologies, Biological Treatment Systems, Construction & Demolition Waste/Scrap Recycling, Kitchen Waste Management, Integrated and Intelligent Technologies, Waste to Energy etc. **HAZ-WASTE EXPO 2015:** Toxic Waste Treatment Technologies, Medical & Infectious Waste Treatment, Electronic Waste Treatment and Management, Hazardous Waste Handling Equipment, Oil Spills Management Technologies, Industrial Toxic Chemical Disposal & Treatment, Emergency Management systems etc. **STORMWATER EXPO 2015:** Low-Impact Development, Green Infrastructure, Collection and Conveyance, Drainage Systems, Erosion and Sediment Control, Water Quality Monitoring, Treatment Equipment, Sustainable Stormwater Harvesting and Reuse, Flood Prevention & Control Technologies, Modeling & Software, Wet Weather Management, Piping Lifting Systems & Distribution, Construction Equipment, Tunneling Technologies, Sewer Inspection & Rehabilitation, Etc. **TRENCHLESS TECH EXPO 2015:** Microtunneling, Drilling & Moling Equipment, Trenching Machines, Vacuum Excavation, Mud Pumps, Pipe Cleaning, Testing & Pipe Renovations, Underground Detection Equipment, Digital Mapping etc.

CPPE 2015 is focusing on Chemical Engineering, Process Engineering & Pollution Engineering. It includes advanced process technologies, alternate new materials, nano technologies, bioprocesses, filtration and separation, pollution control, plant monitoring and control, safety, packaging technologies, heating and cooling, measurement and sensor techniques etc. In 2015 expo, following focused sub-exhibitions will be organized as part of CPPE 2015. **FILTER TECH EXPO 2015:** FILTER MEDIA : Woven & Nonwoven Filter Media, Granular and Fibrous Filter Media, Membranes (Ceramic/Non-Ceramic), Filter Media Characterization & Production, Reusable Filter Media, Metal Cloth, Glass Fiber Media, Air Filter Media, Carbon Filters, Gas Filter Media, Composite Filter Media, Metal Filters; Filtration Technology : Vacuum and Pressure Filtration, Filter Press and Centrifugal Filtration, Cartridge and Bulk Layer Depth Filtration, Gravity and Centrifugal Separation, Hydrocyclone, Flotation & Adsorption, Absorption & Adsorption, Surface Filters, Fibrous and Granular Bed Depth Filters, Bag Filters, Electrostatic Precipitators, Wet Scrubbers, Cyclones, Cartridge Filters, Air Filters, Oil Filters, Sludge Dewatering, Drinking Water Filtration, Multi-Purpose Filters, Dryers etc.; **TESTING & INSTRUMENTATION** : Particles and Pores Measurement Instrument, Filter Media Testing Instruments, Separation Test Methods and Instruments, Standardized Test Particles, Analytic Instruments, Membrane Testing Instruments Online Instruments, Zeta Potential Measurement; **AUXILIARY EQUIPMENT & CHEMICALS:** Automation Equipment, Adhesive Systems, Cutting Systems, Mist Eliminators, Pleating Machines, Filter Element Molding, Thermal Welding, Sewing Equipment, Slitting Machinery, Raw Material, Clean Room Equipment, Filter Assembly Frames etc. **HEATING & COOLING EXPO 2015:** HEATING: Ovens, Boilers, Dryers, Steam Generators, Heat Tracing, Coils/Heat Exchangers, Dryers, Oxidizers, Burners, Infrared Heaters, Heat Exchangers, Fans/Blowers, Heat Recovery, Temperature Profiling, Temperature Sensors, Conduction & Convection Heaters, Waste-gas heat exchangers, evaporators, Software, Measuring Instrumentation, Insulation **COOLING:** Chillers, Heat Exchangers, Cooling Towers, Cryogenic Systems, Refrigeration Systems, Fans & Blowers, Insulation, Cold Storage, Ammonia Refrigeration, Compressors/Condensers, Leak Detection Equipment, Ventilation Systems etc. **CLEAN AIR EXPO 2015:** Indoor and Outdoor Air Purification Technologies, Desulphurization and Denitrification Technologies, Odor Control Technologies, Dust Removal Technologies, Vehicle Emissions Treatment, Air Quality Measurement and Monitoring Instrumentation, Flue-gas Cleaning, Biological Treatment Systems, Gas Separation, Chemical Processes etc. **SENSOR & MEASUREMENT EXPO 2015:** Sensors, Measuring Instruments, Actuators, Automation, Testing Technology for Mechanical and Thermal material properties, Calibration Equipment, Modeling and Simulation, R & D Services etc **NANOTECH EXPO 2015:** Nano Material Developers & Suppliers, Nano Manufacturing/Fabrication Equipment, Nano-Applications etc. **STORAGE TANK EXPO 2015:** Tank Design & Construction, Underground Storage, Gas/Liquid/Solid Storage Tanks, Cleaning, Safety & Maintenance, Protective Coating, Loading & Transport, Roofing and Seals etc.



EXHIBITION TARIFFS: Shell Scheme Booth - 9 Sq.M Booth: 2,500 US\$ / 9 Sq.M Booth (Corner): 2,700 US\$

This shell scheme includes one information desk with two chairs, white wall panels with fascia board, carpet, one waste basket, one powersocket (5 amp)

Raw Space: 275 US\$/Sq.M (min 36 Sq.M); 250 US\$/Sq.M (min 54 Sq.M); 200 US\$/Sq.M (min 72 Sq.M)

FLOOR PLAN & Booth RESERVATION FORM: Please download at www.3W-Expo.com

17 Specialized Conferences

17 Specialized Conferences will be organized during these expos at Bangkok International Trade & Exhibition Center (BITEC) in Bangkok, Thailand. All the conferences will be held in ENGLISH only. These conferences will be held during 27-31 January 2015.

Anaerobic Digestion Asia 2015
(2015)

3rd International Conference on Anaerobic Digestion of Wastewater & Waste Treatment (27 January 2015)

Membrane Tech 2015

2nd International Conference on Membrane Technologies for Water Treatment (27 January 2015)

Pumping Technology Congress 2015

International Conference on Pumping Technology (27 January 2015)

Trenchless Tech 2015

International Conference on Trenchless Technology Innovations (27 January 2015)

Desalination Tech Asia 2015

International Conference on Desalination Technologies and Engineering (28 January 2015)

E-Waste Asia 2015

2nd International Conference on Electronic Waste Management and Treatment (28 January 2015)

Filtration and Separation 2015

International Conference on Filtration and Separation (28 January 2015)

Air Pollution Control 2015

International Conference on Air Pollution Control (28 January 2015)

Odor Control Tech 2015

International Conference on Odor Control Management and Treatment (30 January 2015)

Stormwater 2015

International Conference on Stormwater Management (30 January 2015)

MBR Asia 2015

4th International Conference on Membrane Bioreactors for Wastewater Treatment (30 January 2015)

Municipal Solid Waste Asia 2015

International Conference on Municipal Solid Waste Management and Treatment (30 January 2015)

Wastewater Reuse 2015

International Conference on Wastewater Reuse Technologies and Management (31 January 2015)

Zero Discharge Technology 2015

International Conference on Zero Discharge Technology (31 January 2015)

Process Heating and Cooling 2015

International Conference on Industrial Process Heating and Cooling (31 January 2015)

Industrial & Hazardous Waste 2015

International Conference on Industrial & Hazardous Waste Treatment (31 January 2015)

Nanotech 2015

International Conference on Nano-Materials and Nanotechnologies (31 January 2015)



CALL FOR PAPERS: Experts and Specialists in the respective fields are invited to present papers in any of these conferences. Each speaker will be given 30 min presentation slot. If interested to present a paper, Please send presentation title, 100 words summary and CV by email to conference@3W-Expo.com before 31 August 2014. Confirmed speakers are responsible for their travel and accommodation arrangements. Speaker must make presentation in ENGLISH only.

More than 50 Educational Short Courses

Education is key component of 3W Expo 2015 as well as CPPE 2015. More than 50 short training courses will be held during 27-31 January 2015 as part of these expos. These courses will be done by well-experienced and renowned experts from around the world. Each course length is 3 hours. These courses will be conducted in English or Thai languages. Training courses will be focusing on Design and Operation of Water, Wastewater & Waste treatment, Process Heating & Cooling, Air Pollution Control, Chemical & Process Engineering Filtration & Separation as well as improvement of existing facilities. Detailed information on courses will be announced in September 2014. Please visit www.3W-Expo.com for updated information.

Global CEO Dinner – Networking Event for Top Management of 3W + CPPE

"3W+CPPE – Global CEO Dinner 2015" will be organized on 30 January 2015 at BITEC in Bangkok, Thailand during 6-9pm. The dinner is aimed for connecting top management related to Water, Wastewater and Waste Treatment as well as Chemical & Process Engineering and Pollution Engineering Companies. The dinner cost is 100 US\$/person. Each company can nominate maximum of two top management persons to participate in this event. This dinner is unconventional as it is aimed to create better networking among all the participants. CEO Directory will be published with profile of each participant. If interested to participate in this dinner event, please send email to ceo-dinner@3W-Expo.com.

3W Consultants Hub - Advisory Services on Water, Wastewater and Waste Treatment

For the benefit of visitors who need advice for their projects or technical issues, TechnoBiz is organizing "3W Consultants Hub" to offer free advisory services on water, wastewater and waste treatment. Leading Experts and specialists around the world will be providing advisory services. Interested experts and specialists are invited to participate in this hub as there is no cost involved for their participation. Information on participating experts and available times will be uploaded during December 2014. For more information about this hub, please send email to enquiry@3W-Expo.com.

Global Research Fair on Environmental & Chemical Engineering

Research is an important component for every industry business development and its sustainability. During this expo, TechnoBiz has allocated exhibiting space to promote research innovations related to environmental and chemical engineering as poster fair. Through this research fair, researchers and industries can exchange the information and explore opportunities to cooperate together. All the expo trade visitors are allowed to visit research fair. Researchers from all leading universities around the world are invited to participate in this research fair to promote their recent research innovations as posters. TechnoBiz provides poster printing service as complimentary for confirmed research topics. Each researcher is limited to maximum of 3 research topics. Interested researchers are invited to submit research topic, 100 words summary and short CV of researcher before 31 October 2014 by email to researchzone@3W-Expo.com. Following topics will be focused in this research fair. **Environmental Engineering Research Fair 2015:** Water Pollution, Solid Waste Management, Hazardous Waste Management, Air Pollution Control, Noise Control, Industrial Hygiene, Flood Control, **Chemical Engineering Research Fair 2015:** Chemical Process Engineering, Liquid/Solid/Gas Separation, Heating & Cooling, Biotechnology, Nanotechnology, Petrochemical Processing, Reaction Engineering, Material Synthesis and Processing, Combustion Technologies etc.

Education Zone – Environmental & Chemical Engineering

TechnoBiz is offering free exhibiting space for Environmental Engineering/ Science and Chemical Engineering/Technology Departments from Universities to promote their graduate and post-graduate programs among the visitors. For more information, interested departments are invited to send email to enquiry@3W-Expo.com.

TechnoBiz Knowledge Test - Assessment Test on "Water Treatment Principles" and "Biogas Technology"

TechnoBiz is organizing "TechnoBiz Knowledge Test (TKT)" on 31 January 2015 in Bangkok at the expo on two subjects "Water Treatment Principles" and "Biogas Technology". TKT is a written test with multiple choice questions, true/false and short answered questions on specific subjects. The objective of this test is to assess and to improve the skills of technical people in respective subjects. The test is prepared by well-experienced specialists in respective fields. This test program is aimed for HR Department as a tool to improve their staff knowledge and retain it upto date. Interested companies can nominate their staff to participate in this test or individuals can enroll themselves to assess their level of knowledge. Registered participants will receive a test report within 30 days after the test. The length of test is 90 min. This test will be conducted in ENGLISH only. For more information, please send email to tkt@technobiz-asia.com.

Environmental Engineering Directory – Thailand 2015

TechnoBiz is publishing first edition of "Environmental Engineering Directory-Thailand 2015", which will have complete information on companies and individuals involved in environmental engineering business and profession based in Thailand. Thailand companies can publish their profiles with contact information in this directory for free. There are advertising opportunities for the interested companies. This directory will be released on 29 January 2015 at 3W Expo 2015. 5,000 copies will be printed of this edition. For more information, please write to eedt@technobiz-asia.com.



Expo Show Directory – Listing of All Exhibitors @ 3W Expo 2015 + CPPE 2015

TechnoBiz is publishing "3W Expo 2015 + CPPE 2015 Show Directory", which will have complete contact information and business profile of each profile. This directory will be given to all pre-registered visitors of expo as complimentary. Exhibitors and Non-Exhibitors can publish advertisement in this directory. The cost of full page advertisement is 500 US\$. The deadline to reserve advertisement space is 30 November 2014. The page size of directory is 148mm x 210mm (A5).

Engineering Job Fair – Employment Opportunities for Engineers

Every business needs skilled and efficient manpower for its success as well as sustainability. Finding right person for right job is always challenging task for any company. TechnoBiz has allocated exhibiting space in this expo to publicize "Engineering Job Opportunities" for free. Interested employers are invited to submit job openings in their company with details on position, job description, and complete contact information by email to jobfair@3W-Expo.com. Expo visitors can access this information and explore opportunities during expo dates.

3W Book Fair – Publications on Water, Wastewater & Waste Treatment

The greatest gift one has is passion for reading. Information available in the web never able to replace "Good Book". Nowadays, if we need to know information on anything, we just think of "google". Lot of information available in the web is unfiltered. So, for the benefit of visitors, TechnoBiz has allocated exhibiting space to promote good books on water, wastewater and waste treatment through "3W Book Fair" at this expo. TechnoBiz is cooperating with various leading publishers around the world to offer special discounts on specific titles that are aimed for technical people as well as managers related to 3W.

Venue: BITEC, Bangna, Bangkok

All these events will be held at Bangkok International Trade & Exhibition Center (BITEC). The meeting rooms are located on the second floor of BITEC. BITEC is located very near to BTS Train Station "Bangna". More information about BITEC is available at www.bitec.co.th.

Schedule of Events

| | | | |
|---------------------------|--------------------------------|---------------------------|--|
| 27-31 January 2015 | Conferences / Training Courses | 29-31 January 2015 | Trade Exhibition / Research Fair/ Engineering Job Fair / Book Fair |
| 30 January 2015 | CEO Dinner | 29-31 January 2015 | Consultants Hub |
| | | 31 January 2015 | Knowledge Test |

Organizer Contact Information

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Contact Persons: Ms. Sirinthip, Project Manager (Asia) / Mr. Peram Prasada Rao, Project Director



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Tel.: +31- (0) 30 - 295 2700 Fax: +31- (0)30 - 295 2701 Cell: +31 (0)6 -51341943 Email: anel.ceman@vnuexhibitions.com
Contact Person: Mr. Anel Ceman, Project Manager (Europe)



Feedback Form – 3W Expo 2015 + CPPE 2015

Company Name Web.....

Contact Person Position.....

Tel..... Mobile..... Email.....

Address

Business Profile

☐ We want to exhibit in the following exhibition

☐ 3W Expo 2015

☐ Water & Wastewater Expo 2015

☐ Membrane Tech Expo 2015

☐ Desalination Expo 2015

☐ Trenchless Tech Expo 2015

☐ Filter Tech Asia 2015

☐ Nanotech Expo 2015

☐ Biogas Expo 2015

☐ Pumps & Flow Control Expo 2015

☐ Drinking Water Expo 2015

☐ Heating & Cooling Expo 2015

☐ Sensor & Measurement Expo 2015

☐ City Waste Expo 2015

☐ Haz Waste Expo 2015

☐ Stormwater Expo 2015

☐ Clean Air Expo 2015

☐ Storage Tank Expo 2015

☐ CPPE 2015

BOOTH CATEGORY

SHELL SCHEME ☐ 9 Sq.M Booth (2,500 US\$)

☐ 9 Sq.M Booth (Corner) (2,700 US\$)

☐ 18 Sq.M Booth (4,500 US\$)

☐ 18 Sq.M Booth (Corner) (4,700 US\$)

RAW SPACE ☐ 36 Sq.M (9,900 US\$)

☐ 54 Sq.M (13,500 US\$)

☐ 72 Sq.M (14,400 US\$)

☐ 144 Sq.M (28,800 US\$)

☐ We want to advertise in directories

☐ Expo Show Directory (500 US\$/Color Page)

☐ Environmental Engineering Thailand Directory 2015 (500 US\$/Color Page)

☐ Both Directories (850 US\$/Color Page)

☐ We want to present a paper in the conference (conference name))

☐ We want to participate in CEO Dinner 2015 (100 US\$/Person) (Number of Persons ☐ 1 Person ☐ 2 Persons)

☐ We want to participate in Global Research Fair 2015 ☐ Environmental Engineering Research Fair 2015 ☐ Chemical Engineering Research Fair 2015

☐ We want to participate in TechnoBiz Knowledge Test ☐ Water Treatment Principles ☐ Biogas Technology

☐ We want to participate in Engineering Job Fair (Number of Positions Available))

☐ We want to participate in Education Zone ☐ Chemical Engg /Tech Department ☐ Envi Engg/Sci Department ☐ Others (.....)

☐ We want to participate in training courses ☐ We want to visit trade exhibitions

Please send this form to TechnoBiz by fax : +66-2-955 9971 or email: enquiry@3W-Expo.com