CBRNe SUMMIT ASIA

Conference and Exhibition
Bangkok, Thailand
3rd – 5th December 2019

Officially Endorsed by:

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Speaker Line-up

- **Major General Dr. Oeur Channa,** Deputy Secretary General, **National Authority for the prohibition Chemical, Nuclear, Biological and Radiological Weapons of Cambodia**
- **Colonel Dr. Pisutti Dararutana,** Chief, Research and Development, Chemical Department, **Royal Thai Army**
- **Dr. Chawetsan Namwat,** Director Field Epidemiology Training Program - Division of Epidemiology in Department of Disease Control, Ministry of Public Health, **Thailand**
- **Chief Superintendent Renato B. Marcial,** Regional Director, Region 8, **Bureau of Fire Protection, Philippines**
- **Patrick Becker,** Regional Team Lead, Cooperative Biological Engagement Program, **Defense Threat Reduction Agency (DTRA)**
- **Tao Xuan Khanh,** Deputy Director, Technical Support Centre for Radiation and Nuclear Safety and Emergency Preparedness and Response, **Vietnam Agency for Radiation and Nuclear Safety (VARANS), Vietnam**
- **Dr. Makoto Akashi,** Director, **Ryugasaki Public Health Center, Ibaraki Prefecture, Japan**
- **Iain Findlay,** Director, **CRF-I for Cristanini**
- **Dr. Paul Russell,** CBRN lead, **Salisbury NHS Foundation Trust, United Kingdom**
- **John Abo,** Emergency Management Specialist, **Asian Disaster Preparedness Center (ADPC)**
- **Professor Maurizio Barbeschi,** Scientist, **World Health Organization (WHO)**
- **Dr. Shah Jahan Mohd Yusof,** Consultant Emergency & Trauma Physician**, Sungai Buloh Hospital in Selangor, Malaysia**
- **Capt. (Ret) Bobby Baker,** Senior Training Specialist, Counter Terrorism Division, **U.S. Department of Energy**
- **Professor Roberto Mugavero,** President, **OSDIFE**
- **Professor Peter Leitner,** Director, **National Intelligence University, USA**
- **Dr. Viji Vijayan,** Assistant Dean, Safety, Health and Emergency Management and Procurement Director, Research Operations, Director, Research Operations, **Duke-NUS Medical School, Singapore**

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CRISTANINI CBRN DECONTAMINATION SYSTEMS

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INTELLIGENCE-SEC

EVENT SCHEDULE

Tuesday 3rd December 2019 – Conference and Exhibition Day One

Conference Topics

Host Nation CBRNe Capabilities
First Responder Techniques – Hazmat, Decon and EOD

Wednesday 4th December 2019 – Conference and Exhibition Day Two

Conference Topics

International CBRNe Capabilities and Procedures
Regional CBRNe Programs and Capabilities
Medical Countermeasures to Biological and Infectious Diseases

Thursday 5th December 2019 – Exercise

08.30 – 15.00

Hosted By:

Capt. (Ret) Bobby Baker, President, Emerging Threat Solutions, LLC

Exercise based on a Bio-terrorist attack

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INTELLIGENCE-SEC

PROGRAMME DAY ONE

08.30 Registration and Networking

09.00 **CHAIRMAN'S OPENING REMARKS**
Professor Roberto Mugavero, President, **OSDIFE**

09.10 **OPENING ADDRESS**
Professor Maurizio Barbeschi, Scientist, **World Health Organization (WHO)**
Invited: **Dr. Somlerk Jeungsmarn,** EU CBRN Centres of Excellence Initiative National Focal Point, **Thailand**

HOST NATION – CBRNe CAPABILITIES

09.50 **CHEM-BIO THREATS FACED IN THAILAND**
Colonel Dr. Pisutti Dararutana, Chief, Research and Development, Chemical Department, **Royal Thai Army**

10.30 Networking Coffee Break

CRISTANINI CBRN
DECONTAMINATION SYSTEMS

11.00 **CBRN FIRST RESPONSE AND CHEMICAL RECCE COMBINED-A FAR EAST SOLUTION**
Iain Findlay, Director, **CRF-I for Cristanini**

11.40 **THAILAND FIELD EPIDEMIOLOGY TRAINING PROGRAM AND EMERGENCY RESPONSE**
Dr. Chawetsan Namwat, Director Field Epidemiology Training Program - Division of Epidemiology in Department of Disease Control, Ministry of Public Health, **Thailand**

12.20 Networking Lunch Break

13.20 **FIRST RESPONDER PROCEDURES – ROYAL THAI POLICE PERSPECTIVE**
Invited: **Senior Representative, Royal Thai Police**

FIRST RESPONDER TECHNIQUES – HAZMAT, DECON AND EOD

14.00 **EXPERIENCES TO RADIATION EMERGENCY IN THE FUKUSHIMA NUCLEAR POWER PLANT**
Dr. Makoto Akashi, Director, **Ryugasaki Public Health Center, Ibaraki Prefecture, Japan**

14.40 Networking Coffee Break

15.10 **PHILIPPINE FIRST RESPONDER PROCEDURES**
Chief Superintendent Renato B. Marcial, Regional Director, Region 8, **Bureau of Fire Protection, Philippines**

15.50 **VIETNAM RADIATION RESPONSE TECHNIQUES**
Tao Xuan Khanh, Deputy Director, Technical Support Centre for Radiation and Nuclear Safety and Emergency Preparedness and Response, **Vietnam Agency for Radiation and Nuclear Safety (VARANS), Vietnam**

16.30 **CHAIRMAN'S CLOSING REMARKS**
Professor Roberto Mugavero, President, **OSDIFE**

PROGRAMME DAY TWO

08.30 Registration and Networking

09.00 **CHAIRMAN'S OPENING REMARKS**
Professor Roberto Mugavero, President, **OSDIFE**

INTERNATIONAL CBRNe CAPABILITIES AND PROCEDURES

09.10 **U.S. COOPERATION IN SOUTH-EAST ASIA TO COMBAT CBRNe THREATS**
Patrick Becker, Regional Team Lead, Cooperative Biological Engagement Program, **Defense Threat Reduction Agency (DTRA)**

09.50 **U.S. FIRST RESPONDER TRAINING AND DEVELOPMENTS**
Capt. (Ret) Bobby Baker, Senior Training Specialist, Counter Terrorism Division, **U.S. Department of Energy**

10.30 Networking Coffee Break

11.00 **UK RESPONSE TO NOVICHOK ATTACK**
Dr. Paul Russell, CBRN lead, **Salisbury NHS Foundation Trust, United Kingdom**

REGIONAL CBRNe PROGRAMS AND CAPABILITIES

11.40 **CURRENT UN SUPPORTED INITIATIVES ON CBRNe THREATS IN SOUTH-EAST ASIA, IN PARTICULAR THE EU CBRN CoE INITIATIVE**
Harro Wittermans, Regional Coordinator for South East Asia, CBRN Risk Mitigation and Security Governance Programme, **United Nations Interregional Crime and Justice Research Institute (UNICRI)**

12.20 Networking Lunch Break

13.20 **IMPLEMENTATION STRATEGY FOR THE CBRN NATIONAL ACTION PLAN IN CAMBODIA**
Major General Dr. Oeur Channa, Deputy Secretary General, **National Authority for the prohibition Chemical, Nuclear, Biological and Radiological Weapons of Cambodia**

MEDICAL COUNTERMEASURES TO BIOLOGICAL AND INFECTIOUS DISEASES

14.00 **UNDERSTANDING THE RISK OF INFECTIOUS DISEASES AFTER A DISASTER OR CBRNe ATTACK**
John Abo, Emergency Management Specialist, **Asian Disaster Preparedness Center (ADPC)**

14.40 **SECURITY RISKS POSED BY COMMERCIAL TRADE IN ACTIVE PHARMACEUTICAL INGREDIENTS: PARTICULARLY BIOREGULATORS**
Professor Peter Leitner, Director, **National Intelligence University, USA**

15.20 Networking Coffee Break

15.50 **IMPORTANCE OF UNDERSTANDING THE INFECTIOUS DISEASE AND HOW IT SPREADS**
Dr. Shah Jahan Mohd Yusof, Consultant Emergency & Trauma Physician**, Sungai Buloh Hospital in Selangor, Malaysia**

16.30 **DUAL USE RESEARCH OF CONCERN. WHAT FORMS IT CAN TAKE**
Dr. Viji Vijayan, Assistant Dean, Safety, Health and Emergency Management and Procurement Director, Research Operations, Director, Research Operations, **Duke-NUS Medical School, Singapore**

17.10 **CHAIRMAN'S CLOSING REMARKS**
Professor Roberto Mugavero, President, **OSDIFE**

EXERCISE DAY THREE

Exercise based on a Bio-terrorist attack

08.30 – 15.00

Hosted by:
Captain (Ret) Bobby Baker, President, Emerging Threat Solutions, LLC

Exercise Background:
A major influential terrorist organization has placed an embedded person in a major lab in South East Asia with the intent of procuring and distributing an aerosolized weaponized biological agent with plans to release the weaponized agent inside major critical infrastructure venues in the City Center of Bangkok to include the mass transit system during an international sports gathering that will draw hundreds of thousands of spectators from around the world. This release will be during the rush hour of the event to try and contaminate as many victims as possible. It is unknown the virulence and nature of the agent at this time. Only by a letter sent to the government that this release has taken place was there any advanced notification that the agent is supposedly air borne. It is unknown at this time how many have neem affected and how far this agent has reached in the community. Combining these metrics has the potential for a worldwide cataclysmic event with cascading effects that will impact the global economy and cause systematic shutdown beginning with the host country with an escalated potential of worldwide exposure.

Current Pre-Exercise Objectives:
1. an agency's current state of emergency preparedness
2. gaps, weaknesses, or areas of concern affecting the agency's performance as identified through prior exercises
3. level of staff knowledge and understanding of emergency preparedness roles and responsibilities
4. applicability to emerging problems

Expected Outcomes:
- Ability to identify multi-agency roles and responsibilities during a biological incident response;
- Development of a performance gap analysis at both the national and regional levels;
- Development of a training needs analysis.
- Development of best practices and training for response agencies in relative modalities to the AHJ.

EVENT SPONSORS & EXHIBITORS

CRISTANINI CBRN
DECONTAMINATION SYSTEMS

CRISTANINI is a global leader in the research and development of solutions for CBRN emergencies. With more than 40 years' experience in developing decontamination systems, CRISTANINI excels at reducing the logistic, training and operator burdens through innovative, modular and multi-functional solutions for Defence and Civil Protection. Simple, reliable.....and effective!

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Gasmet Technologies, Finland is the number one FTIR gas analyzer and system manufacturer. We have supplied over 4000 FTIR analyzer worldwide, and have the highest installed base for on-site and industrial applications.

Gasmet GT5000 Terra is a truly portable FTIR ambient gas analyzer for measuring the concentration of (up to 50) hazardous gases simultaneously in <20s. Lightweight, robustness and splashproof with IP54 rated designed for the applications in first responders and HAZMAT team. It is a powerful tool for gas identification and quantification especially for TIC and CWA gases.

EVENT PARTNERS

JCBRN Defence COE Mission Statement

- Provide advice in all CBRN Defence related areas.
- Develop CBRN Defence doctrines, standards, knowledge to support improvement of interoperability and capabilities.
- Provide opportunities to enhance education and training.
- Contribute to the relevant lessons learned processes.
- Within a Program of Work approved by the Steering Committee, assist NATO, Sponsoring Nations and other international institutions/organizations in their CBRN Defence related efforts,
    - including validation through experimentation.

The Observatory on Security and CBRNe Defence - Osdife is a national and international reference for researchers and specialists on these fields and, for that, it contributes to experience enhancement, development and sharing by means of study, analysis, research, education, training, workshops, symposium and publications, also involving public and private institutions, agencies, organizations, associations, companies and individuals, in order to promote and encourage the development and adoption of appropriate strategies and initiatives for risks reduction and mitigation, to ensure citizens security and safety and to guarantee the integrity, defence and protection of public and private assets, territory, infrastructure and cultural heritage also in the field of CBRNe Risk and WMD Proliferation

The Department of Electronic Engineering (DIE) of University of Rome “Tor Vergata” was founded in 1983 and now counts about 150 people, including faculty, staff, and cooperating personnel.In terms of traditional scientific areas, the department’s expertise lies in the disciplines of control theory, electronics, electrical engineering, measurements, opto-electronics, telecommunications but also safety, security, defence and intelligence However, today research is typically carried out with multi-disciplinary approaches, dealing with specific application scenarios and systems. In this since the beginning, many of the DIE teachings and research activities have had the aim to develop, deepen and promote national and international scientific and technical education, studies and researches in the field of Territorial Protection, Safety, Security and Intelligence. In particular the Research Area “Security and Defence” offers expertise in the following sectors: Homeland Security, Military Defence, Civil Defence, Civil Protection, CBRNe Risk and WMD Counterproliferation.

The “Center for Security Training and Education” (CUFS) of state University of Republic of San Marino is born in 2010 moving from an approach centered on scientific research and training to an approach oriented to the application of the discipline and to the solving of problems connected to the security area.
Starting from this first phase, the CUFS, thanks to the several professionals and skills which have been improved through years, today is an international Center of Excellence for analysis, dissemination, innovation and growing of sciences in the field of security, defence, intelligence and territorial risk. This achievement has been also possible thanks to the activities of design, development and promotion of studies, research, dissemination, networking, education and training,. These activities have the objective to address and support the know-how's growth and innovation in methodologies and technologies of public and private Institutes and Organizations operating in the area of Security Defence & Intelligence. Moreover, the very same activities are applied also to specialists, technicians, experts, professionals and researchers such as to everyone who is interested in these issues.

CBRNe SUMMIT ASIA

BANGKOK, THAILAND
3RD – 5TH DECEMBER 2019
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DELEGATE DETAILS: Please complete your details below.	Please Tick	Military/Government, Public Sector Rate	Early Bird Price (book before 31st October 2019)	Standard Price
Title/Rank:		Two Day Conference & Exhibition	$400	$500
First Name:		Workshop	$50	$100
Surname:		All of the above	$450	$600
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Please Tick	Commercial Organisations	Early Bird Price (book before 31st October 2019)	Standard Price
	Two Day Conference & Exhibition	$800	$1,000
	Workshop	$100	$200
	All of the above	$900	$1,200

*** To attend the Workshop you have to register for the conference and exhibition**

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ADDITIONAL NOTES

TERMS AND CONDITIONS

Payments - All bookings made prior to the conference must be paid in full to guarantee registration. Once payment has been received, an email confirmation and a receipted invoice will be sent. If payment is not made at the time of booking, registration will be provisional. Bookings received less than two weeks before the conference date can only be paid by credit card.
Early Bird Rate - In order to qualify for any 'early bird' rates, booking must be received before the deadline date listed in the conference marketing material.
Substitutions & Cancellations - Delegates may nominate an alternative person from their organisation to attend up to 24 hours prior to the start of the event, at no extra charge. Should substitution not be possible, cancellation charges apply as follows: 8 weeks or more prior to start of event: 10% of the delegate fee , 4 to 8 weeks prior to start of event: 50% of the delegate fee , 4 weeks or less prior to start of event: 100% of the delegate fee. All substitutions and cancellations must be received in writing
Access Requirements - Delegates should advise of any special access requirements at the time of registration.
Registration Information - Registration information will be sent to registered delegates by email at least seven days prior to the event. Any delegate not receiving the registration information should contact us by email to events@intelligence-sec.com
Alterations to Programme - Cancellation/Postponement of Event - Intelligence-Sec reserves the right to make alterations to the conference programme, venue and timings.
In the unlikely event of the programme being cancelled by Intelligence-Sec, a full refund will be made. Liability will be limited to the amount of the fee paid by the delegate. In the event of it being found necessary, for whatever reason, that the conference is being postponed or the dates being changed, the organisers shall not be liable for any expenditure, damage or loss incurred by the delegate. If by re-arrangement or postponement the event can take place, the booking between the delegate and the organisers shall remain in force and will be subject to the cancellation schedule in paragraph 3
Speakers - Views expressed by speakers are their own. Intelligence-Sec cannot accept liability for advice given, or views expressed, by any speaker at the conference or in any material provided to delegates.
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