



REPORT

CBRNe EVENTS IN THE WORLD

FROM 01 TO 29 FEBRUARY 2016



Department of
Electronic Engineering



WORLD

Counterterrorism

Event – A Growing number of states are considering unconventional system of Defense.

Status – As terrorism is changing, becoming more and more unpredictable and dangerous, countries around the world are considering new countermeasures to fight the threat. In this regard, animals as well as genetically modified yeasts provide a valuable support in several counterterrorism activities, such as intercepting unauthorized drones, detecting bombs and explosives, identifying the presence of chemical agents, but also the ability to make some noise to cause distress and pain in the adversary.

Source: <http://formiche.net/2016/02/07/armi-terrorismo-isis/>

All data as of: 07/02/2016



Chemical Weapons

Event – American CIA Director accuses ISIL of using chemical weapons.

Status – Following what was declared by the U.S. Director of National Intelligence, the CIA Director John O. Brennan stressed that there are several instances that would suggest that the Islamic State terrorist group has used chemical weapons and its fighters have the ability to make small quantities of chlorine and mustard gas, as well as to export the weapons to the West for financial profit.

Source: <http://m.washingtontimes.com/news/2016/feb/12/john-brennan-cia-chief-isis-has-used-chemical-weap/>

All data as of: 12/02/2016



Chemical Weapons

Event – Further evidence of Islamic State mustard gas exploitation as a weapon.

Status – According to the Organization for the Prohibition of Chemical Weapons (OPCW), the Islamic State group used mustard gas as a chemical weapon to attack Kurdish forces in Iraq last year for the first time in the country since the fall of former Iraqi ruler Saddam Hussein. As a result, at least 35 Kurdish fighters had fallen ill, and tested positive for the sulphur mustard following the ISIS attack in August 2015 in Erbil.

Source: <http://www.ibtimes.co.in/isis-used-mustard-gas-attack-kurdish-fighters-iraq-667083>

All data as of: 16/02/2016

Zika Virus

Event – New warnings for pregnant women worldwide to avoid travel to active Zika zones.

Status – Following a similar warning issued by the U.S. Centers for Disease Control and Prevention, the World Health Organization declared the Zika infection an international emergency, issuing further precautionary travel advice to women who are pregnant and their sexual partners. Even though there is no vaccine to date, experts stated that it may be easy and quick to make a vaccine due to the virus is closely related to Dengue and Yellow fever.

Source: <http://www.nbcnews.com/storyline/zika-virus-outbreak/who-warns-pregnant-women-travel-zika-zones-n517501>

All data as of: 12/02/2016



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Zika Virus

Event – WHO put in place the European Medical Corps to create a worldwide health emergency workforce.

Status – Following the Ebola experience, the World Health Organization (WHO) formed the European Medical Corps in order to combat large disease outbreaks across the world.

Source: <http://bioprepwatch.com/stories/510664783-who-forms-european-medical-corps-to-combat-large-outbreaks>

All data as of: 20/02/2016

Zika Virus

Event – Chinese scientists sequenced the genome on Zika Virus.

Status – Following the first confirmed case of imported Zika in China, Scientists with the Chinese Center for Disease Control and Prevention and the provincial center in East China's Jiangxi province have determined the gene sequence of imported Zika virus, allowing scientists to understand virus variations as well as developing bacteria and reagents to diagnose the disease.

Source: http://www.chinadaily.com.cn/china/2016-02/22/content_23597104.htm

All data as of: 22/02/2016

Laboratory Infection

Event – European laboratory worker becomes infected from a non-infectious strain.

Status – Italian researchers at the University of Rome "TOR VERGATA" are trying to unravel how a laboratory worker become infected with human immunodeficiency virus (HIV) from a non-infectious strain, irrespective of neither laboratory accidents nor evidence of known risk factors had occurred.

Source: <http://www.medpagetoday.com/MeetingCoverage/CROI/56370>

All data as of: 23/02/2016



Migration

Event – Bombs and explosive belts in refugees' luggage.

Status – Turkish Army would have found hazardous material, such as 15 kg of explosives and four bomb belts equipped to carry out suicide attacks, into luggage of migrants. The group consisted of four men, 10 women and 20 children, which were trying to travelling across the border from an area controlled by Islamic State militants to Europe.

Source: <http://in.reuters.com/article/mideast-crisis-turkey-explosives-idINKCNOVJ0TC>

All data as of: 10/02/2016

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AFRICA

Ebola

Event – New discovery could lead to development of a vaccine against Ebola.

Status – A research team that included scientists from The Scripps Research Institute (TSRI) has identified new powerful antibodies in blood of Ebola survivor. Research at TSRI and other institutions have shown that Ebola has several weak points in its structure where antibodies can target and neutralize the virus and, 77 percent of the antibodies in the new study showed the potential to neutralize Ebola virus.

Source: <http://allafrica.com/stories/201602231600.html>

All data as of: 18/02/2016

Angola

Yellow Fever

Event – 664 cases of Yellow Fever, including 125 dead reported since the beginning of the year.

Status – According to health ministry, the center of the health crisis remains the capital Luanda, where 92 people have died. The national task force has been activated to control the outbreak, while WHO has deployed three experts to provide operational support, in addition to financial aid, technical directives and guidelines.

Source: <http://zimbabwe.news24.com/Africa-News/yellow-fever-death-toll-rises-to-125-in-angola-20160227-5>
<http://www.who.int/csr/don/12-february-2016-yellow-fever-angola/en/>

All data as of: 28/02/2016

Benin

Lassa Fever

Event – The National IHR Focal Point of Benin notified WHO of an outbreak of Lassa fever.

Status – 71 cases, including six confirmed, 10 probable, 55 suspected and 23 dead were reported all around the country. WHO has deployed a multidisciplinary team in the affected areas to support the response coordinated by the National Ministry of Health.

Source: <http://www.who.int/csr/don/19-february-2016-lassa-fever-benin/en/>

All data as of: 19/02/2016

Uganda

Malaria

Event – A further team of health workers dispatched to combat Malaria.

Status – An emergency team consisting of 26 medical doctors as well as clinical officers and nurses has been deployed to deal with the epidemic, which has affected 1 million people, including 658 dead, in northern Uganda since last July.

Source: <http://www.voanews.com/content/health-workers-combat-malaria-northern-uganda/3172799.html>

All data as of: 01/02/2016



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Typhoid

Event – 312 new cases of suspected typhoid reported.

Status – According to the director of Epidemiology in the health ministry, Dr. Portia Manangazira, 312 new cases of suspected typhoid, including one dead have been reported in one month. The country is also suffering a deadly outbreak of diarrhea, which have reached approximately 50.000 reported cases in 2016.

Source: <http://www.news24.com/Africa/Zimbabwe/50-000-cases-of-diarrhoea-reported-in-zimbabwe-20160229>

All data as of: 29/02/2016

Zimbabwe

PBIED

Event – Suicide bombers cause 56 dead and at least 67 injured.

Status – Two female suicide bombers detonated their explosives, at a camp sheltering people displaced by the Boko Haram insurgency, while residents were queuing for rations. The group's six-year insurgency has killed some 20,000 people and driven more than two million people from their homes.

Source: <http://www.bbc.com/news/world-africa-35543996>

All data as of: 11/02/2016

Nigeria, Borno

PBIED

Event – Suicide bombings still hit the country.

Status – At least 25 civilians have been killed and other 80 have been injured by several attacks around the country, including four suicide bombers. No one has claimed responsibility for the attack, but it was characteristic of the Nigerian Islamist militant group Boko Haram.

Source: <http://www.voanews.com/content/cameroon-suicide-attack-targets-meme-market/3197929.html>

<http://www.news24.com/Africa/News/at-least-six-dead-in-cameroon-double-suicide-attack-20160210-2>

All data as of: 19/02/2016

Cameroon



IED

Event – Three soldiers killed following a landmine explosion.

Status – According to defense ministry, three Malian soldiers were killed when their vehicle hit a landmine, while other two were wounded and taken to a hospital. No group has claimed responsibility for the device to date.

Source: <http://www.bbc.com/news/world-africa-35537974>

All data as of: 09/02/2016

Mali, Mondoro

Bomb Attack

Event – Bombs retrieved from Boko Haram exploded accidentally at police headquarters.

Status – Some bombs retrieved from Boko Haram exploded at police headquarters killing four people and wounding at least 20 others.

Source: <http://www.voanews.com/content/explosion-at-police-hq-in-northeast-nigeria-kills-4/3207819.html>

All data as of: 25/02/2016

Nigeria, Yola

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Egypt, Sinai

IED

Event – Four killed after two bombing attacks.

Status – According to officials, a remotely detonated bomb hit a police vehicle killing two police officers on the border with the Gaza Strip, while an army officer and a soldier were also killed in a similar attack in northern Sinai.

Source: <http://www.news24.com/Africa/News/egypt-attacks-in-sinai-leave-4-security-forces-dead-20160201>

All data as of: 01/02/2016

Somalia

IED

Event – Passenger plane bombed by Somali attacker.

Status – According to police sources, Somali bomber may have detonated an explosive device, and possibly also explosives in his laptop, causing a hole on the side of a passenger plane. Two of the 74 people on board sustained slight injuries and one, believed to be the bomber, was unaccounted for since allegedly fallen through the hole created by the blast.

Source: <http://www.news24.com/Africa/News/wrong-plane-bombed-20160208>

All data as of: 08/02/2016

VBIED

Event – Former defense minister killed in car bomb explosion.

Status – According to a police officer, the bomb had been planted under the car of Muhiyadin Mohamed Haji Ibrahim, the former defense minister who currently works as an adviser for the Somali parliament. No one has immediately claimed responsibility for the blast but it bore the hallmarks of the Somali militant group al-Shabab.

Source: <http://www.voanews.com/content/car-bom-kills-somali-former-defense-minister/3191313.html>

All data as of: 15/02/2016

IED

Event – Bomb attacks continue around the country.

Status – Three bomb attacks, including a roadside bomb ripped through a convoy of military vehicles, two car bombs exploded near a park and a hotel, and two IEDs detonated at a busy traffic junction and a nearby restaurant have caused at least 55 dead and around 120 wounded. Islamist militant group Al-Shabab claimed responsibility for all the attacks.

Source: <http://www.aljazeera.com/news/2016/02/al-shabab-attack-civilians-killed-somalia-baidoa-160228192358075.html>

<http://www.voanews.com/content/mogadishu-somalia-violence/3210953.html>

<http://allafrica.com/stories/201602210338.html>

All data as of: 29/02/2016



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ASIA

Iraq, Sinjar

Chemical Weapons

Event – Islamic State group used chemical shells in attack against Kurdish troops.

Status – 30 peshmerga were injured following a series of mortars believed to have been filled with a chemical substance. As a result, Kurdish soldiers have experienced symptoms, which suggest that chlorine had been used in the attack, even though further analysis are needed to provide official confirmation.

Source: <http://bigstory.ap.org/article/3c0b865558ca4159a1ca1f886c23c371/kurdish-forces-say-islamic-state-group-used-chemical-shells>

All data as of: 18/02/2016

Syria

Investigations

Event – UN team of experts to identify responsibility for chemical attacks in Syria.

Status – A UN team of experts will travel to Syria in early March with the aim at carrying out analysis on the ground, in order to draw up a list of individuals and entities deemed responsible for chemical attacks in the country.

Source: <http://www.channelnewsasia.com/news/world/syria-chemical-attacks/2538996.html>

All data as of: 23/02/2016

Iraq

Hazardous Chemicals

Event – Highly toxic agents used by Islamic State terrorists found.

Status – The Iraqi militia has found highly toxic agents used by the Islamic State terrorists to arm mortar shells and rockets, potentially for use against civilian targets. In particular, vinyltrichlorosilane stocks and caustic chemicals that can cause serious injury have been found in two warehouses by officers of the volunteer corps.

Source: https://www.rt.com/news/333632-iraq-isis-chemical-weapon/?utm_source=rss&utm_medium=rss&utm_campaign=RSS

All data as of: 25/02/2016

China

H7N9

Event – 19 additional cases of bird flu have been identified in the country.

Status – 19 cases of bird flu have been reported in China between the end of last December and the beginning of 2016, bringing the total number of confirmed cases to 703 since 2013.

Source: <http://outbreaknewstoday.com/h7n9-avian-flu-cases-top-700-in-china-87257/>

<http://outbreaknewstoday.com/china-additional-h7n9-avian-influenza-case-reported-in-guangdong-province-61977/>

All data as of: 07/02/2016



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China, Hong Kong

Meningitis

Event – First case of meningococcal infection in 2016.

Status – The Centre for Health Protection (CHP) of the Department of Health have been investigating the first case of meningococcal infection in 2016. The case involved an 8-year-old boy, with underlying illnesses, who has presented with fever, vomiting and diarrhea. According to preliminary investigations, the patient seemed not to have traveled recently.

Source: <http://outbreaknewstoday.com/hong-kong-officials-investigate-invasive-meningococcal-infection-case-1st-of-2016/>

All data as of: 29/02/2016

Japan, Kawasaki

Zika Virus

Event – New case of Zika Virus confirmed.

Status – The Japanese Health Ministry has announced the first case of non-native Zika virus in the country. The patient who would have contracted the virus travelling in Brazil has been admitted to the hospital for further medical supervision.

Source: <http://outbreaknewstoday.com/japan-reports-imported-zika-case-via-brazil-91098/>

All data as of: 25/02/2016

Iraq, Baquba

Cutaneous Leishmaniasis

Event – Significant number of cutaneous leishmaniasis cases reported in Baquba District.

Status – Health officials have reported some 100 cases of cutaneous leishmaniasis in the agricultural area of Baquba. The phenomenon raised particular concern due to the absence of available vaccines.

Source: <http://outbreaknewstoday.com/baghdad-boil-surge-reported-in-baquba-district-iraq-15609/>

All data as of: 06/02/2016

Malaysia

Dengue

Event – Number of Dengue cases rises in the country.

Status – Compared to the total Dengue cases reported during the same period in 2015 (23,966) there has been a slight increase in cases reported in early 2016, when almost 26,000 notifications have been reported in the country.

Source: <http://outbreaknewstoday.com/malaysia-dengue-count-tops-25000-thailand-cases-double-2015-to-date-83006/>

All data as of: 29/02/2016



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Philippines

Dengue Fever

Event – Increasing of reported Dengue cases.

Status – 12,904 suspected cases of Dengue, including 49 dead, have been reported since February 6, 2016. This represents a slight increase compared to the infections confirmed in the same period last year (12,766).

Source: <http://outbreaknewstoday.com/philippines-reports-13000-dengue-cases-during-1st-five-weeks-of-2016/>

All data as of: 29/02/2016

Dengue Vaccine

Event – Dengue fever vaccine available on the Philippine market.

Status – Philippines is the second country globally, the first in Asia, which have approved a Dengue fever vaccine. According to the Sanofi Pasteur Country Manager Ching Santos, interested patients may ask their doctor whether they are qualified to be vaccinated.

Source: <http://outbreaknewstoday.com/dengvaxia-now-available-in-the-philippines-sanofi-pasteur-62652/>

All data as of: 11/02/2016

Singapore

Dengue

Event – Growing epidemic of Dengue in the country.

Status – According to experts, Dengue fever cases could increase 10-times in 2016 respect to more than 3,400 cases reported since the beginning of the year. That could be possible due to faster breeding and maturation cycles of the Aedes mosquitoes, and to the increase in the mosquito population following the warmer conditions caused by the El Niño weather phenomenon.

Source: <http://outbreaknewstoday.com/singapore-experts-say-dengue-may-exceed-30000-this-year-el-nino-and-denv-2-are-factors-28174/>

All data as of: 20/02/2016

Taiwan

Zika Virus

Event – Taiwan intensifies its level of alert in preventing Zika Virus.

Status – Following the WHO warning, according to which Thailand has been considered as one of the countries and territories with autochthonous transmission of Zika virus, the Taiwan Centers for Disease Control have stepped up the travel notice level for Thailand to Level 2.

Source: <http://outbreaknewstoday.com/taiwan-raises-zika-travel-notice-for-thailand-recommends-ultrasounds-for-pregnant-women-returning-from-zika-affected-countries-in-the-americas-36394/>

All data as of: 14/02/2016

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Dengue

Event – Increasing Dengue infections in Thailand also.

Status – 5,129 cases of Dengue fever have been reported since the beginning of 2016, including 5,000 infections in January alone, and the most affected areas are Bangkok, Nakhon Pathom, Samut Sakhon, Rayong and Sisaket. During 2015, 140,000 cases have been reported in the country.

Source: <http://outbreaknewstoday.com/dengue-in-thailand-tops-5000-cases-in-1st-month-locally-acquired-zika-case-reported-13797/> All data as of: 02/02/2016

Thailand

Iraq, Zubair

Radioactive Material

Event – Missing radioactive material found in southern Iraq.

Status – Iraqi officials were searching for a highly dangerous radioactive source of Iridium-192, thinking that it may have been stolen by militants of the Islamic State last year, since the material is considered hazardous for both direct exposure and since it could be spread using a so-called "dirty bomb." According to official sources, the material, stored in a protective case the size of a laptop, was undamaged and there were no concerns about radiation.

Source: <http://www.reuters.com/article/us-mideast-crisis-iraq-radioactive-idUSKCN0VU0JY?feedType=RSS&feedName=worldNews>
<http://www.thenational.ae/world/middle-east/missing-radioactive-material-in-iraq-fuels-fears-they-may-fall-into-isils-hands>

All data as of: 21/02/2016



Nuclear Infrastructure

Event – Nuclear reactor shuts down after restart.

Status – The Takahama's fourth reactor, owned by Japanese utility Kansai Electric Power Company (KEPCO), shuts down due to a problem with a generator three days after it was restarted. According to a company spokesperson, it has been discovered an 8-liter pool with traces of the contaminated water across the floor, indicating that a total of 34 liters had managed to spill. This amounts to about 64,000 becquerels of radioactive waste.

Source: https://www.rt.com/news/333938-japan-nuclear-reactor-shutdown/?utm_source=rss&utm_medium=rss&utm_campaign=RSS

All data as of: 29/02/2016

Japan, Takahama

North Korea

Nuclear Proliferation

Event – Possible expansion of North Korean nuclear program.

Status – According to U.S. intelligence director, the increasing production of fissile material would be due to an expansion of the North Korea nuclear program. In this regard, restarting the plutonium reactor at Yongbyon plant would allow the recovery of plutonium from spent fuel in order to build a bomb within a year.

Source: <http://www.reuters.com/article/us-northkorea-nuclear-usa-plutonium-idUSKCN0VI1WV?feedType=RSS&feedName=worldNews>;
<http://www.aljazeera.com/news/2016/02/north-korea-expanding-nuclear-programme-160210034255346.html>

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Pakistan

Nuclear Weapons

Event – Rising concern on Pakistan’s nuclear stockpile growing.

Status – According to Pentagon, Pakistan’s growing nuclear arsenal and its evolving "tactical nuclear weapons" would increase the risk of a nuclear incident or accident particularly in relation to increasing internal terrorist threat.

Source: <http://economictimes.indiatimes.com/news/defence/pakistans-growing-nuclear-stockpile-doctrine-pose-risk-pentagon/articleshow/50934199.cms>

All data as of: 11/02/2016

Afghanistan, Kabul

VBIED

Event – Car bomb attack causes 10 dead at least.

Status – According to the interior ministry spokesman, a car bomb exploded near a police base in the center of the Afghan capital, killing at least 10 people. No one has immediately claimed responsibility for the attack.

Source: <http://timesofindia.indiatimes.com/world/south-asia/Powerful-blast-rocks-police-base-in-Kabul-casualties-reported/articleshow/50805851.cms>

All data as of: 01/02/2016

Afghanistan, Asadabad

PBIED

Event – 40 wounded and 11 dead following a suicide attack.

Status – A suicide bomber blew himself up near the governor’s office, killing 11 people and injuring 40 others. No one has immediately claimed responsibility for the attack.

Source: https://www.rt.com/news/333804-afghan-province-suicide-bombing/?utm_source=rss&utm_medium=rss&utm_campaign=RSS

All data as of: 27/02/2016

Afghanistan, Parwan

PBIED

Event – Police command hit by a suicide attack.

Status – A suicide bomber has hit a command of the Afghan police, causing at least 13 people dead, including nine civilians, and 19 others injured.

Source: <http://timesofindia.indiatimes.com/world/south-asia/Taliban-suicide-bomber-kills-at-least-13-in-Afghanistan/articleshow/51094726.cms>;

<http://www.aljazeera.com/news/2016/02/civilians-killed-taliban-blast-targets-afghan-police-160222145557603.html>

All data as of: 22/02/2016



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Iraq, Ain al-Asad

VBIED

Event – 15 Iraqi security members killed in car bomb attacks.

Status – According to a security official, a car bomb hit a military convoy on the road to the Ain al-Asad air base, destroying three military vehicles, as well as killing nine soldiers aboard and wounding 16 others. While, in a separate attack, the US-led coalition warplanes bombed two suicide truck bombs in Huseiba al-Shrqiya area before the two vehicles reached the positions of the security forces. In total, 15 Iraqi security members were killed and 21 injured.

Source: <http://timesofindia.indiatimes.com/world/middle-east/15-Iraqi-security-personnel-killed-in-IS-bombings/articleshow/50881308.cms>

All data as of: 06/02/2016

Iraq, Bagdad

IED

Event – IED explosion kills one in the south of Iraq's capital.

Status – An IED, exploded near a cafe in the neighborhood of Al-Siha in Al-Darwa area, has caused one dead and nine wounded. No one has immediately claimed responsibility for the attack.

Source: http://www.janes.com/article/57859/ied-attack-kills-one-person-in-iraq-s-baghdad?from_rss=1

All data as of: 08/02/2016

IED

Event – IED explosion kills one in the east of Iraq's capital.

Status – An IED, exploded near a shopping zone in Nairiyah area, has caused one dead and seven wounded. No one has immediately claimed responsibility for the attack.

Source: http://www.janes.com/article/57914/ied-attack-kills-one-person-in-iraq-s-baghdad?from_rss=1

All data as of: 09/02/2016

Suicide Attack

Event – Twin suicide bombing kills 15 at Shia mosque.

Status – The first suicide bomber detonated his explosive vest inside the mosque, while the second blew himself up in front of security forces, which gathered at the mosque following the first explosion. The Islamic State terrorist group has claimed responsibility for the attacks, which caused 15 victims.

Source: <http://timesofindia.indiatimes.com/world/middle-east/Two-suicide-bombers-kill-15-at-Shia-mosque-in-Baghdad/articleshow/51148319.cms>

All data as of: 25/02/2016



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Iraq, Ramadi

VBIED

Event – Suicide car bombers hit an Iraqi village.

Status – The Islamic State would have launched a terror attack using car bombs near Ramadi. According to military sources, the suicide bombers would have killed 27 Iraqi soldiers and wounded 16 others.

Source: <http://www.aljazeera.com/news/2016/02/isis-hits-iraqi-forces-ramadi-bomb-160210134923515.html>

All data as of: 10/02/2016

Pakistan, Quetta

Suicide Attack

Event – Suicide bombing in the south-west of the country.

Status – A suicide bomber, riding on a bicycle, blew himself up close to a vehicle of paramilitary border forces. According to the Government spokesman Anwar Kakar, the attacker killed six civilians and two members of security forces. No one has immediately claimed responsibility for the attack.

Source: <http://timesofindia.indiatimes.com/world/pakistan/Bike-borne-suicide-bomber-kills-8-in-Pakistan/articleshow/50880224.cms> *All data as of: 06/02/2016*

Pakistan, Chaman

Hazardous Material

Event – Improvised explosive devices found near Chaman.

Status – Five suspects have been stopped at Karang Check Post, holding IEDs, mines and other weapons. The hazardous material was immediately sized while a further investigation was opened.

Source: <http://www.dailytimes.com.pk/national/21-Feb-2016/five-suspects-held-with-improvised-explosive-devices-in-chaman>

All data as of: 21/02/2016

Pakistan, Dalbandin

Hazardous Material

Event – Frontier Constabulary sizes explosive materials.

Status – The border police seized 11 rockets, 17 hand grenades, 25 rounds and 17 fuses, as well as cache of narcotics during a raid on a huge vacant compound. Recovered materials would have been intended to be used in future terror acts in the country.

Source: <http://www.dailytimes.com.pk/national/21-Feb-2016/arms-bombs-seized-in-dalbandeen>

All data as of: 21/02/2016



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Syria

VBIED

Event – Car bombings kill 129 people.

Status – A series of suicide bombs near a Shia shrine in Damascus and in Homs have killed at least 129 people. In this regard, the Islamic State of Iraq and the Levant (ISIL) group has claimed responsibility for attacks, which killed at least 63 people in Damascus and 46 others in Homs.

Source: <http://www.aljazeera.com/news/2016/02/attacks-kill-scores-syria-damascus-homs-160221152344662.html>

All data as of: 22/02/2016

Syria, Damascus

VBIED

Event – The Islamic State attacks the capital with a car bomb.

Status – A car bomb attack has been carried out against a police building in northern Damascus. The Islamic State has claimed responsibility in a social networks statement for the attack that caused nine people dead and 20 wounded.

Source: http://www.agi.it/estero/2016/02/09/news/autobomba_nel_mercato_almeno_9_morti_e_feriti_a_damasco-503615/

All data as of: 09/02/2016

Thailand, Pattani

VBIED

Event – Car bomb explodes outside an urban police station.

Status – A car bomb exploded outside an urban police station in Southern Thailand, injuring at least seven people. According to the provincial police commander, the bomb was put in a car, which was stolen from a nearby village this morning, and the wounded have been hospitalized for burns and other critical injuries from the explosion.

Source: <http://www.themalaymailonline.com/world/article/car-bomb-injures-seven-in-thailands-rebellious-south>

All data as of: 27/02/2016

Turkey, Ankara

VBIED

Event – Car bomb explosion in Turkey's capital.

Status – A car bomb explosion caused 28 dead and 80 wounded in Ankara. The attack, which has been claimed by a militant group affiliated with the Kurdistan Workers Party (PKK), was in response to recent military operations led by the Turkish government in Cizre where around 600 PKK members have been killed.

Source: http://www.china.org.cn/world/2016-02/20/content_37832406.htm

All data as of: 17/02/2016



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Yemen, Aden

PBIED

Event – Suicide attack wounds security chief in Aden.

Status – According to a security official, the attacker blew himself up near the home of the chief of security of the Yemeni province of Lahej who was injured, along with six other people. No victims have been reported except the bomber.

Source: <http://www.channelnewsasia.com/news/world/suicide-attack-in-yemen-s/2486322.html>

All data as of: 04/02/2016

EUROPE

U.K., London

Exercise

Event – More than 70 organizations took part in a training exercise on emergency plans.

Status – During the four-day exercise, coordinated by the London Fire Brigade, it has been simulated the collapse of a building at the Waterloo underground Station. The aim was at preparing specialized emergency teams for a large-scale operation with mass incidents.

Source: <http://www.telegraph.co.uk/news/uknews/terrorism-in-the-uk/12177367/Tower-block-collapses-into-underground-station-in-Europes-biggest-disaster-training-exercise.html>

All data as of: 29/02/2016



Belgium

Scientific Research

Event – New scientific program to train mice in detecting diseases and explosives.

Status – The Belgian APOPO has launched a training program for the Gambian giant rats in order to make them able to detect infectious diseases such as tuberculosis, as well as some forms of tumor and mines.

Source: <http://www.focus.it/scienza/salute/animali-che-sniffano-le-malattie>

All data as of: 26/02/2016

Italy

Healthcare

Event – Italy registered a serious level of antibiotic resistance.

Status – The antibiotic resistance is one of the global health problem and represents one of the priorities for the World Health Organization (WHO) and individual governments as well, since it is responsible for over 50,000 deaths in Europe and in the US. In this regard, Italy is among the worst country in the European Union, with about 284,000 affected patients per year, including 4,500-7,000 deaths.

Source: http://m.repubblica.it/mobile/r/sezioni/salute/medicina/2016/02/22/news/il_superbatterio_della_porta_accanto_resistenza_agli_antibiotici-133983133/?ref=fbpr

All data as of: 22/02/2016

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Italy, Treviso

Zika Virus

Event – Fourth Italian case of Zika Virus since 2016.

Status – The reported case refers to a traveler who returned from the Caribbean and South America. According to the Regional Minister of Health, the case should not represent a serious alarm for the national health system.

Source: <http://www.ilgiornaleditalia.org/news/cronaca/874121/Allarme-Zika-in-Veneto--E.html>

All data as of: 06/02/2016

Belgium

Terrorism

Event – Paris Jihadist attackers aimed at nuclear power plants in Belgium.

Status – Following the investigation initiated due to Paris attacks, investigators have suggested that one of the main objectives of the jihadist cell was to hit Belgian nuclear power plants.

Source: <http://www.tempi.it/attentatori-jihadisti-parigi-centrali-nucleari-belgio>

All data as of: 18/02/2016

Spain, Palomares



Thermonuclear Bomb

Event – Consequences of thermonuclear bombs dropped in 1966 do not stop.

Status – Fifty years after the collision of a B-52 bomber and a tanker plane, two thermonuclear bombs, which had fallen near to Almeria would still causing damage to the surrounding population. Some local doctors sounded the alarm, although there is no evidence of official epidemiological studies to date.

Source: <http://www.lindro.it/spagna-palomares-50-anni-contaminazione/>

All data as of: 01/02/2016

U.K.

Scientific Research

Event – New study to produce cement able to shield nuclear radiation.

Status – The English Diamond Light Source research team is designing a new type of cement 50% better at reducing the impact of radiation than current storage solutions used at facilities for nuclear waste. The material would be able to offer an efficient shielding for about 1000 years.

Source: <http://www.ibtimes.co.uk/british-scientists-designing-cement-safely-store-nuclear-waste-100000-years-1543754>

All data as of: 14/02/2016



France, Dijon

Bomb Alert

Event – 18-year-old boy connected to bomb alarms in Paris high schools arrested.

Status – Technical investigations related to bomb alerts occurred in Paris high schools, and carried out by the Cybercrime Office, have led detectives to identify the IP address of the 18 years old. The digital equipment found in the teenager’s home has been sized, even though his role was not clear to date.

Source: http://www.adnkronos.com/fatti/esteri/2016/02/08/allarmi-bomba-nei-licei-parigi-arrestato-enne_Zzfhl4HXTagYQtlfzOj8bJ.html?refresh_ce

All data as of: 08/02/2016

Ireland, Galway

IED

Event – Several homes evacuated following an IED finding.

Status – After having secured the improvised explosive device, which had been reported by a resident of the Ballybrit Industrial area, police started related investigation.

Source: <http://www.thejournal.ie/houses-evacuated-after-viable-explosive-is-found-in-galway-2578327-Feb2016/#comments>

All data as of: 01/02/2016

Spain

IED

Event – 7 people arrested on charge of providing weapons to the Islamic State.

Status – According to police sources, arrests carried out in Alicante, Valencia and Spain’s north African enclave of Ceuta have broken up a terror cell linked to ISIS and Al-Qaeda. The arrested militants were believed to be part of a jihadist network that sent arms in shipping containers disguised as humanitarian aid.

Source: <http://www.express.co.uk/news/world/641951/Terror-raids-Spain-ISIS-terrorism-weapons-bombs>

All data as of: 08/02/2016

Sweden, Stockholm

Explosion

Event – Explosion near Turkish cultural association in the south-west of Stockholm.

Status – An explosion has severely damaged part of a building that housed a Turkish cultural association in Stockholm. An investigation has been activated in order to define eventual causes of the explosion. No injuries have been reported to date.

Source: <http://www.theguardian.com/world/2016/feb/17/explosion-damages-turkish-cultural-association-building-in-stockholm>

All data as of: 17/02/2016



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LATIN AMERICA

Brazil, Brasilia

Meeting

Event – IAEA and FAO organize a meeting to review the use of nuclear techniques for controlling Zika virus spreading.

Status – Following the rapid spreading of Zika virus, which has been detected in 23 countries in the Americas, and the recent declaration of international health emergency issued by WHO, the International Atomic Energy Agency and the Food and Agriculture Organization (FAO) organized a meeting to host several experts worldwide to discuss further development to face the threat.

Source: <https://www.iaea.org/newscenter/news/iaea-organize-expert-meeting-fighting-‘zika’-mosquitoes>

All data as of: 05/02/2016

Cuba

Dengue

Event – Scientific research would confirm a deliberate spread of the hemorrhagic fever in 1981.

Status – According to a study conducted by Professor Rosmari Rodriguez, the Dengue epidemic fever, which caused 158 dead including 101 children, had been disseminated through the deliberate release of the virus.

Source: http://italiano.prensa-latina.cu/index.php?option=com_content&view=article&id=86105:studio-conferma-che-gli-usa-introdussero-la-dengue-a-cuba-nel-1981&opcion=pl-ver-noticia&catid=29&Itemid=101

All data as of: 01/02/2016

Venezuela, Los Magallanes de Catia

Zika virus

Event – Further Zika Virus strain discovered in José Gregorio Hospital.

Status – The outbreaks of Zika, Dengue and Chikungunya at the José Gregorio Hospital would be due to the inadequacy of proper disposal of solid waste in the hospital. As a result, it would seem that the waste stored could have favor the proliferation of mosquitoes.

Source: <http://www.entornointeligente.com/articulo/7879077/El-zika-se-anida-en-el-hospital-Los-Magallanes-de-Catia-rss-11022016> *All data as of: 11/02/2016*



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NORTH AMERICA

U.S.

Training

Event – First responders training on CBRNe evidence collection.

Status – The Center for Domestic Preparedness (CDP) commenced a training exercise aimed at handling environments affected by chemical, biological, radiological, nuclear and explosive threats (CBRNE). The two-day course was developed in collaboration with the FBI in order to help standardize the responses activities among local, state and federal agencies.

Source: <https://homelandprepnews.com/biological-threats/bioterrorism/18255-cdp-trains-first-responders-oncbrne-evidence-collection/>

All data as of: 29/02/2016



U.S., Washington D.C.

CBDP

Event – Deputy assistant secretary of defense for chemical and biological defense describes the Pentagon CBDP.

Status – Interview to Dr. D. Christian Hassell, deputy assistant secretary of defense for chemical and biological defense at the Pentagon highlights the current Chemical and Biological Defense Program, underlining the necessity of global and quick response as well as of an interagency and international collaboration.

Source: <http://globalbiodefense.com/2016/02/04/the-global-mission-of-the-dod-chemical-biological-program/>

All data as of: 04/02/2016

New Technologies

Event – Biological self-test kit developed to support both soldiers on the ground and humanitarian personnel from dangerous exposure.

Status – The Edgewood Chemical Biological Center (ECBC) has developed a biological self-test kit able to identify the presence of a pathogen of concern such as ricin, anthrax, Ebola or plague as well as to establish restricted areas and determine resource needs. In addition, the device provides commanders with alerts directly on a smartphone to allow vital situational awareness to cordon off the area and notify the chain of command.

Source: <http://globalbiodefense.com/2016/02/26/ecbc-develops-biological-self-test-kit-for-soldiers/>

All date as of: 26/02/2016



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U.S., New York, Herkimer

Hazardous material

Event – Six employees of Bassett Healthcare Network’s Herkimer Health Center were decontaminated due to hazardous material exposure.

Status – According to a Bassett spokesperson, six employees could have been dangerously exposed after a piece of sterilization equipment malfunctioned, releasing a cleaning agent, which necessitated the decontaminations and led to the evacuation of the center. No patients, visitors or other employees entered in contact to hazardous materials.

Source: <http://linkis.com/www.hazmatnation.com/BG2uC>

All data as of: 29/02/2016



U.S., Texas

Zika virus

Event – New case of Zika virus infection confirmed in Texas.

Status – According to Health authorities, the transmission of Zika virus occurred through sexual contact with someone who had returned from Venezuela. This way of spreading, in addition to more usual mosquito bites transmission, represents a development sure to complicate plans to contain the global epidemic.

Source: http://www.nytimes.com/2016/02/03/health/zika-sex-transmission-texas.html?_r=0

All data as of: 02/02/2016

Mexico, Queretaro

Radioactive material

Event – The National nuclear commission issued an alert to authorities in six Mexican states due to radioactive material stolen.

Status – The Mexican government has issued an alert after the theft of an industrial device containing radioactive material, belonged to a company called Central Industrial Maintenance. The radioactive material inside the device was Iridium-192, which can be deadly if removed from its protective shielding.

Source: <http://edition.cnn.com/2016/02/29/americas/mexico-radioactive-device-missing/index.html>

All data as of: 26/02/2016



U.S., Washington D.C.

Nuclear weapons

Event – The Pentagon calls for nuclear modernization.

Status – Following a rising China and a resurgent Russia, as well as six other nations armed with nuclear weapons, top Pentagon officials has changed their line of confidence, sounding an alarm that the tab for nuclear renovation is urgently due.

Source: <http://www.defensenews.com/story/defense/policy-budget/budget/2016/02/05/nuclear-option-nuclear-modernization-costs-bomber-icbm-submarine-lrso/79788670/>

All data as of: 05/02/2016

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OCEANIA

Queensland

Zika Virus

Event – Four new reported cases of Zika Virus.

Status – The number of Zika infections has tripled in the country, reaching six reported cases, respectively three in Tonga and three others in Samoa Islands.

Source: <http://www.couriermail.com.au/news/queensland/six-zika-cases-recorded-in-queensland/news-story/293e086f3e53c882c23f5f421de6da7c>

All data as of: 22/02/2016



Queensland, Townsville

Dengue

Event – First case of Dengue fever diagnosed.

Status – A 34-year-old man would have been the first case of Dengue reported in the country. The cause of the infection would be linked to recent contacts with a neighbor who recently returned from a trip in New Guinea.

Source: <http://www.townsvillebulletin.com.au/news/townsville-dengue-victim-warns-tests-vital/news-story/00ad902fc77ff9e961ed5d07cf0ba3ca>

All data as of: 22/02/2016

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