

**Terrorist attack on environmental infrastructures:
Preparedness, implications and preventive measures
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ABSTRACT

Terrorism does not only mean the attacks of nuclear weapons or weapons of mass destruction targeted to non combatants but it is also a deliberate release of chemical or biological agents in environment to affect the whole system that could claim mass casualties. With advent of modernization and scientific achievements the covert acts of terrorism have been shifted gradually from convenient to non convenient paths. The effects of chemicals that are released in at particular area are somewhat localized and quick. However, it could take really long time to detect effects of any biological agent unless there is outbreak in certain location. Therefore, if we try to compare nuclear, chemical and biological terrorism we would perceive that the latest is very covert and has big impact in livelihood of mankind. The threat of bio-terrorism is possible everywhere: air, water or land. With enhanced development in science and technology, the terror of terrorism has become more versatile. However, with the help of accomplished knowledge, coordination and planning strategy we have to prepare ourselves to withstand against any kind of brutal violence. Good preparedness and preventive measures against terrorism can seize or reduce the occurrences of covert activities by clandestine agent.

KEYWORDS

Terrorism, bioterrorism, preparedness, preventive measures.

INTRODUCTION

The state department defines terrorism as premeditated, politically motivated violence perpetrated against non combatant targets by sub national groups or clandestine agents, usually intended to influence an audience. The covert acts of terrorism have never been aligned through a definite pathway. Different types of terrorist activities have been evolved ever since the pre technological era before eighteenth century. The purpose of these activities would be for victory of one nation or community over others. Science and technology have achieved many developments in different frontiers. The occurrences of terrorist activities have always been of different nature. At times when whole globe is focused to upgrade the deteriorating environment, there are likely chances that terrorists attempt to target our environmental infrastructures for mass catastrophe. That means our land; air and water are at great risk on deliberate attacks. Our developments and stability have always been disturbed due to the inhuman actions.

Different groups have different purpose for these activities. The reasons can be political, economic, religious, ecological or other ideological motivations. The non-conventional terrorism has par excelled the conventional terrorism. The world suffers a lot from threats of mass casualties by nuclear, chemical or biological war fares. As non combatant identities live of general public are in panic because of potential fear from the premeditated and motivated sub national groups or clandestine agents.

The uncertainty of nature, place and impact of the terrorist strikes has affected brutally on the confidence of mankind. The tragic attacks of 9/11 and the subsequent use of anthrax as a weapon have brought new attention to the terror of bioterrorism in the USA and elsewhere (Hamburg, 2002). Such anxiety would push the whole world to confinement of terrorism.

Different nations have owned and developed different weapons both for offensive and defensive purposes. There has always been debate among the countries to cut down proliferations on nuclear,