



# **CONTROL ON WEAPONS PRODUCTION AND TRADE**

**All human beings are citizens of the Planet Earth  
All have the right to co-exist**



**Rana Ehtisham Rabbani**





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## **CONTROL ON WEAPONS PRODUCTION AND TRADE**

### **Weapon**

A weapon, arm or armament is a tool or instrument used in order to inflict damage or harm to living beings, physical or mental, artificial structure or systems. In human society weapons are used to increase the efficacy, efficiency of activities such as hunting, crime, law enforcement and war-fare.

### **History of Weapon**

From stones, clubs to rockets, missile eventually Nuclear Weapons, Chemical weapons, implements of death and destruction.

- Every minute a human being is killed by gun.
- Half a million humans are killed each year.
- 90% civilian casualties are caused by small arm.
- There are approximately 300,000 child soldiers in the world.
- There are 639 millions fire arms in the world, 59% are legally held by civilians.
- Civilian purchase more than 80%.
- 1134 companies in 98 countries are involved in production of these arms.
- Black market trade in small arms US\$ 2-10 billion a year.
- Permanent UN Security Council members USA, UK, France, Russia and China dominate the world trade in arms.

# World's Largest Arms Exporters

(Figures in Million)

2001-12 Rank	Supplier	2005	2006	2007	2008	2009	2010	2011	2012
1	United States	6700	7453	8003	6288	6658	8641	-	-
2	Russia	5134	5095	5426	5953	5575	6039	7676	79
3	Germany	2080	2567	3194	2500	2432	2340	-	-
4	France	1724	1643	2432	1994	1865	1834	-	-
5	United Kingdom	1039	855	1018	982	1022	1054	-	-
6	China	303	597	430	586	1000	1423	-	-
7	Netherlands	583	1187	1326	530	545	503	-	-
8	Sweden	538	432	366	454	383	806	-	-
9	Italy	774	502	684	417	514	627	-	-
10	Israel	368	299438	281	807	807	472	-	-
11	Ukraine	290	553	728	330	320	201	-	-
12	Spain	108	843	590	610	998	513	-	-
13	Switzerland	246	285	301	482	255	137	-	-
14	Canada	226	226	334	227	169	258	-	-
15	South Korea	48	94	220	80	163	95	-	-

## World's Largest Arms Importers

Current Rank	Importer	2005	2006	2007	2008	2009	2010
1	India	1036	1257	2179	1810	2116	3337
2	Australia	470	682	629	380	757	1677
3	South Korea	686	1650	1758	1821	1172	1131
4	Singapore	543	52	368	1123	1729	1078
5	United States	501	581	731	88	831	893
6	Algeria	156	308	471	1518	942	791
7	Saudi Arabia	332	262	613	939	1146	2580
8	Greece	389	598	1796	563	1269	703
9	People's Republic of China	3511	3831	1474	1481	595	559
10	Arab Emirates	2198	2026	938	748	604	493
11	Pakistan	148	185	64	115	626	787
12	Turkey	1005	422	585	578	675	468
13	Malaysia	51	410	546	541	1494	411
14	Norway	14	469	494	536	576	205
15	Indonesia	31	58	577	241	452	198



## World's Largest Defense Budgets

Rank	Country	Spending (\$b)	World Share (%)	% of GDP, 2011
1	United State	711.0	41.0	4.7
2	China	143.0	8.2	2.0
3	Russia	71.9	4.1	3.9
4	United Kingdom	62.7	3.6	2.6
5	France	59.3	3.4	2.3
6	Japan	59.3	3.4	1.0
7	Saudi Arabia	48.5	2.8	8.7
8	India	46.8	2.7	2.5
9	Germany	46.7	2.7	1.3
10	Brazil	35.4	2.0	1.5
	<b>World Total</b>	<b>1735</b>	<b>100</b>	<b>2.5</b>

Figures are taken from report of SIPRI (Stock Holm International Peace Research Institute)

- Arms worth billions of dollars turn into scrap every year.
- Restriction on production and trade of arms will save billions of dollars which can be spent on providing education health care, agriculture research, creating jobs, pure water supply, sanitation and other facilities of life to human beings.
- Arms should only be in possession of Law Enforcing Agencies.
- In trade circles, any manufactured product requires marketing field for its consumption. Marketing of Arms needs a "Conflict Zone of Enmity" between groups of people in a country, countries on different issues, Race, Faith, Ethnicity, Resources and Borders. It is presumed that these CZE are created deliberately through local agents belonging to different sections/ departments of an area or country, countries specifically in less educated and under developed nations. By use of arms, generally innocent human kinds are killed.

A human mind is failed to understand what kind of trade it is, that citizens of Arms exporting countries are benefited which involve blood of INNOCENTS of other countries.

## International Treaties for Arms Control

- The Arms Trade Treaty is the name of a potential multilateral treaty that would control the international trade of conventional weapons. The treaty is in the preliminary stages of development and has not yet been officially negotiated.
- The Missile Technology Regime (MTCR) is an informal and voluntary partnership between 34 countries to prevent the proliferation of missile and unmanned aerial vehicle technology capable of carrying a 500 kg payload at least 300 km.
- The Limitation of Naval Armament included many separate treaties. In general, the treaties involved the United States, United Kingdom, Japan and France.
- The Convention on Cluster Munitions (CCM) is an international treaty that prohibits the use of cluster bombs, a type of explosive weapon which scatters sub munitions ("bomblets") over an area.
- The Outer Space Treaty, formally known as the Treaty on Principles Governing the Activities of States in the Exploration and Use of Outer Space, including the Moon and Other Celestial Bodies, is a treaty that forms the basis of international space law.
- The Ottawa Treaty or the Mine Ban Treaty, formally the Convention on the Prohibition of the use, Stockpiling, Production and Transfer of Anti-Personnel Mines and on their Destruction,

completely bans all anti-personnel landmines (AP-mines).

- The New START Treaty (for Strategic Arms Reduction Treaty) (Russian: CHB-III) is a bilateral nuclear arms reduction treaty between the United States and the Russian Federation that was signed in Prague on April 8, 2010.
- The Protocol for the Prohibition of the Use in War of Asphyxiating, Poisonous or other Gases, and of Bacteriological Methods of Warfare, usually called the Geneva Protocol, is a treaty prohibiting the first use of chemical and biological weapons. It was signed at Geneva on June 17, 1925 and entered into force on February 8, 1928. It was registered in League of Nations Treaty Series on September 7, 1929.
- The Chemical Weapons Convention (CWC) is an arms control agreement which outlaws the production, stockpiling and use of chemical weapons.
- The Biological Weapons Convention (or Biological and Toxin Weapons Convention) was the first multilateral disarmament treaty banning the production of an entire category of weapons. It was the result of prolonged efforts by the international community to establish a new instrument that would supplement the 1925 Geneva Protocol.



# **Nuke – Negation of Humanity and Ecological System**

## **Effects of Nuclear Explosion:**

### **The Blast Wave**

Because of the very high temperature and pressures at ground zero, the gaseous residues of the explosion move outward. The effect of these high pressures is to create a blast wave traveling several times faster than sound. A 15 kiloton weapon creates pressure in excess of 10 PSi (pounds per square inch) with wind speeds in excess of 800km per hour up to about a 1.2 km radius. Most buildings are demolished and there will be almost no survivors (much larger strategic nuclear weapons will greatly extend this radius of destruction).

### **Thermal Effects**

The surface of the fireball also emits large amounts of infrared, visible and ultraviolet rays in the first few seconds. This thermal radiation travels outward at the speed of light. As a result this is by far the most widespread of all the effects in a nuclear explosion and occurs even at distances where blast effects are minimal. Ground surface temperature below the burst attains 3000 to 4000°C as far away as 0.61 mile.

The range of thermal effects increases markedly with weapon yield (thermal radiation decays only as the inverse square of the distance from detonation). Large nuclear weapons (in the megaton class and above) can start fires and do other thermal damage at distances far beyond the distance at which they can cause blast damage.

Even a 15 kiloton detonation, the intensity of the thermal radiation can exceed 1000 Watts per square cm. This is similar to getting burnt by an acetylene torch used for welding metals. For a 15 kiloton bomb, almost

everyone within 2 km will suffer third degree burns (which damage the skin and tissues below it); for 550 kiloton bomb, third degree burns occur in a radius up to 9 km. There will be almost no survivors since no immediate medical attention will be available (the entire U.S. has specialized facilities to treat 1500 burn victims).

### **Radiation Effects**

There basically are two kinds of ionizing radiation created by nuclear explosions, electromagnetic and particulate. Radiation emitted at the time of detonation is known as prompt or initial radiation, and it occurs within the first minute of detonation. Anyone close enough to the detonation to be killed by prompt radiation is likely to be killed by blast and thermal effects, so most concerns about the health effects of radiation focus upon the residual or delay radiation, which is caused by the decay of radioactive isotopes and is commonly known as radioactive fallout.

If the fireball of the nuclear detonation touches the surface of the Earth, large amounts of soil, water, etc. will be vaporized and drawn up into the radioactive cloud. This material then also becomes highly radioactive; the smaller particles will rise into the stratosphere and be distributed globally while the larger particles will settle to Earth within about 24 hours as local fallout. Lethal levels of fallout can extend many hundreds of kilometers and miles from the blast area. Contaminated areas can remain uninhabitable for tens or hundreds or years.

### **Electromagnetic Effects**

Ionizing radiation from the fireball produces intense currents and electromagnetic fields, usually referred to as the electromagnetic pulse (EMP). This pulse is felt over very large distances. A single high-yield nuclear denotation will create destructive EMP over hundreds of thousands of square kilometer beneath where the explosion occurs.

EMP from high-yield nuclear detonations will subject electrical grids to voltage surges for exceeding those caused by lighting. Modern VLSI chips and microprocessors, present in most communication equipment. TVs, radios, computers and other electronic equipment are extremely sensitive to these surges and immediately get burnt out. Thus all possible communication links to the outside world are cut off.

### **Effects on Climate**

A large nuclear war would utterly devastate the environment and cause most people to starve to death. Already stressed ecosystems would collapse. Deadly climate change, radioactive fallout and toxic pollution would cause a mass extinction event, eliminating humans and most complex forms of life on Earth.

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- Life of an individual human being regardless of gender is as precious as king queen President Prime Minister of a nation. As every human being is contributing towards humanity in its own capacity.
  - In case of use of Nuclear weapon the victims are innocent souls. Death of an innocent must be account for whether killed by a bullet, gun, terrorism or nuke. Liability must be fixed upon the planner, manufacturer, traders, supplier, executioner and user for its wrongful use.
  - No child is born in a country by his / her choice. Decision of war is taken by the establishment of the country. The fighters are the soldiers... The victims are mostly innocent children, men, women and older people.
  - There should be complete ban on making biological, chemical and nuclear weapons Already existing weapons must be de-activated.
  - Education must be provided to all the children on the planet, this will raise the level of understanding and



realization about the importance of PEACE, in solving the conflict issues through dialogues and mediation.

- Peace as a subject be introduced in the curriculum of schools, colleges, universities.
- Collaboration and coordination between the Peace Organization and activists on the globe.
- There would be more peace in the world when women will be in command of affairs as she maintains Peace in the family. Some exceptions are always there.
- World Peace Organization be formed.
- WMD: Weapon of Mass Destruction should be rephrased as weapon of mass murder and destruction. (WMMD)
- Franklin D Roosevelt said: "Freedom from fear means, a worldwide reduction of armaments to such a point and in such a thorough fashion that no nation will be in a position to commit an act of physical aggression against any neighbor – anywhere in the world."
- All kinds of fear can be overcome provided human being follow the principles of humanity in letter and spirit, Truth, Justice, Honesty, Tolerance, Love, Respect, Equality, Empathy, Food, Education, Health Care for all.
- Most of the nations in possession of Nuclear weapons have democratic system of government. Democracy means collective wisdom of a nation. Extinction of humanity and destruction of ecological system through nuke is not act of human wisdom.

## References

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- Effects of Nuclear Explosion
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# Guide Me

O'GOD

Guide me

I am wrong to think

Some Human Kinds

Influenced by Greed and Arrogance

Give preference to Arms and Weapons

Over Human Life

Resulting in Killing of Innocent

Children and Parents

O'GOD

I am wrong to Fear

Nukes

Will ever be used on the planet

Destructing Ecology and Humanity

O'GOD

Help me

Support me

In Spreading

Message of PEACE

Love, Respect, Compassion, Tolerance and Harmony

For safer Life of all alike

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Rana Ehtisham Rabbani is a man with every conceivable plus that can be imagined. A sportsman, a lawyer, an author and above all a peace activist with a passion for human well-being, globally. For his dedication and commitment to peace, he has earned the gratitude of thousands, not only in his

home country, Pakistan but also in Bangladesh, Japan, USA, Canada, UK, India and South Africa. Whereas others spend a fortune to be recognized and known to public, he has no worries on that score. He is not beholden to anyone, is financially independent and untainted in anyway. He always finds the courage to speak his mind and in the process effectively spreads the message of peace and humanity. The focus is on humanity and safety of humankind. And for him the future lies in removing all barriers and boundaries of caste, creed, color, faith, religion, and geographical divide with discrimination, out and eliminated.

His thoughts are adequately summed up in one of his quotes:

O Humankind

Love thyself

Love others too

Love will return to you

Love begets peace

The best virtue