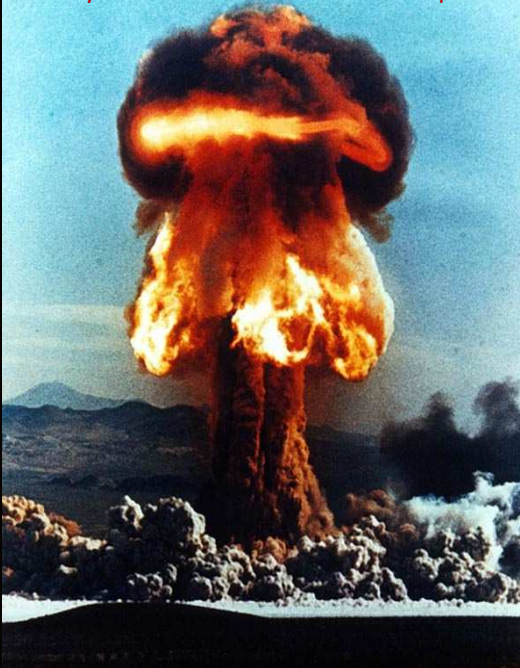
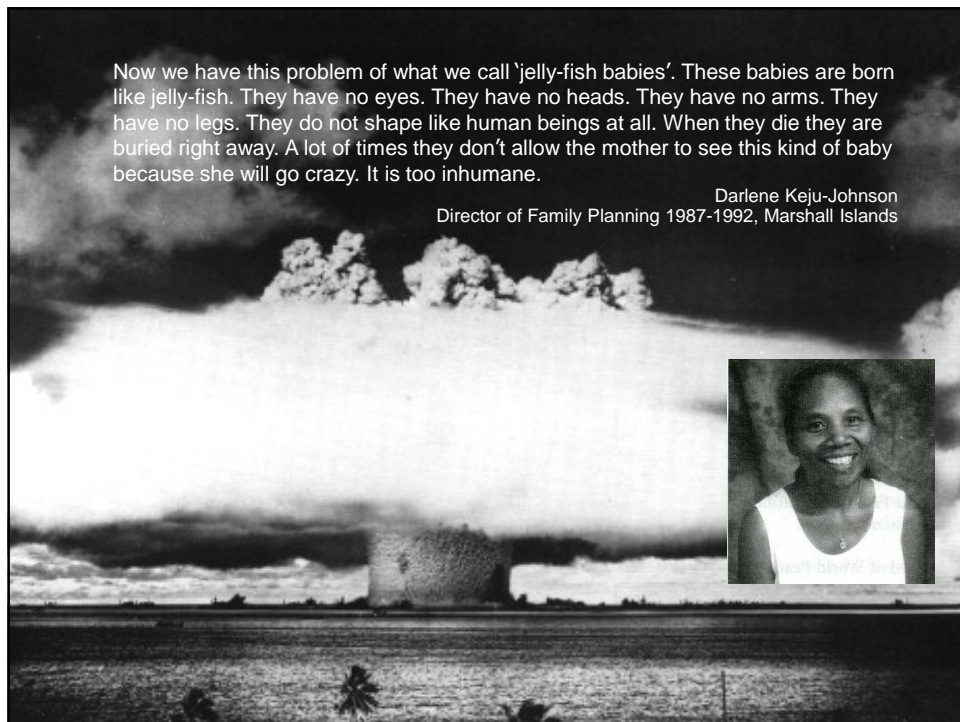




- 16,000 nuclear weapons remaining in nuclear arsenals, approximately 1800 on high alert
- Risk of nuclear weapons use by accident or miscalculation
- Risks rise in conflicts – India/Pakistan, Middle East, Ukraine/Russia, NE Asia
- Potential for proliferation to additional countries or to non-State actors (terrorists)
- Risk of nuclear weapons use by terrorists, including by cyber attack on nuclear command centres
- Potential proliferation provides rationale for pre-emptive war
- Nuclear weapons budget consumes \$100 billion per year

Why still worried about nuclear weapons?





Nuclear war and regional conflicts

- Europe:
 - Putin ready to use nuclear weapons over Crimea?
 - US Senate calls for more nuclear weapons for NATO

Start of WW3? Putin could force the West to use NUCLEAR WEAPONS against Russia, warns NATO, Express, 29 May 2015.
- NE Asia
 - North Korea nuclear tests
 - Japan/South Korea/USA military exercises
- South Asia
 - 2001-2003: India/Pakistan
- Middle East
 - Israel/Iran



Terrorist use of nuclear weapons



- Stealing a nuclear device
- Constructing a crude nuclear weapon from fissile materials
- Launching a cyber-attack on a nuclear weapons command and control centre

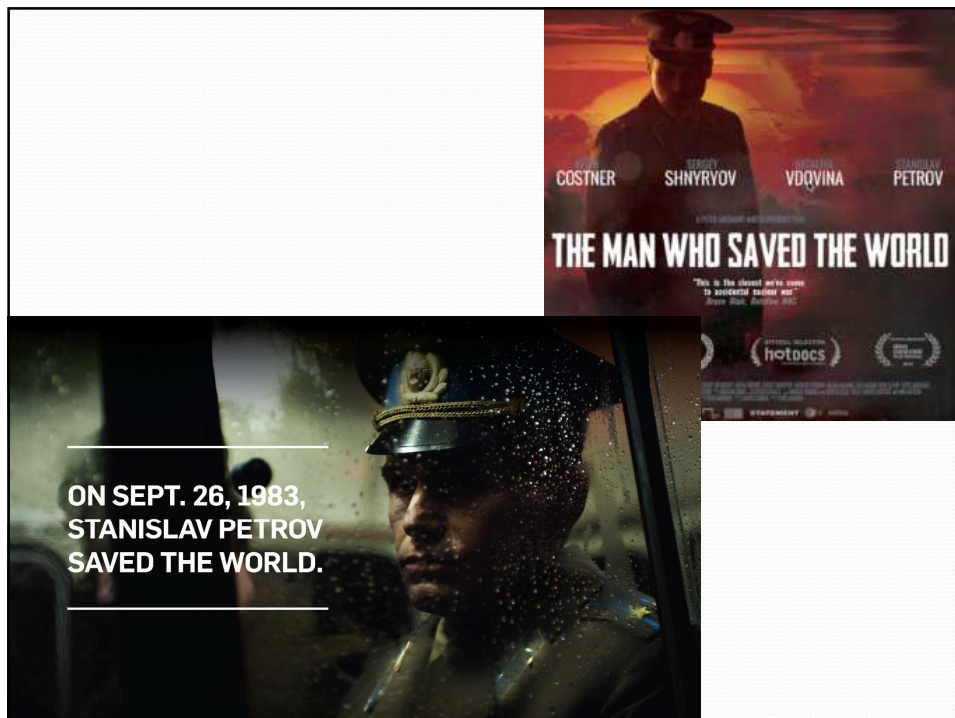
Phew! That was a close call.

20 near nuclear disasters

- 1962: Cuban Missile Crisis – Thirteen Days
- 1962: Okinawa – Nuclear launch order dispatched
- 1979: War games training program mistaken for real attack
- 1980. Faulty computer chip
- 1995: Norway – Missile for weather satellite mistaken for nuclear missile
- 2007, US nuclear weapons lost for 36 hours.



Nuclear risks from accident or stupidity:
Last Week Tonight with John Oliver, HBO, 2015

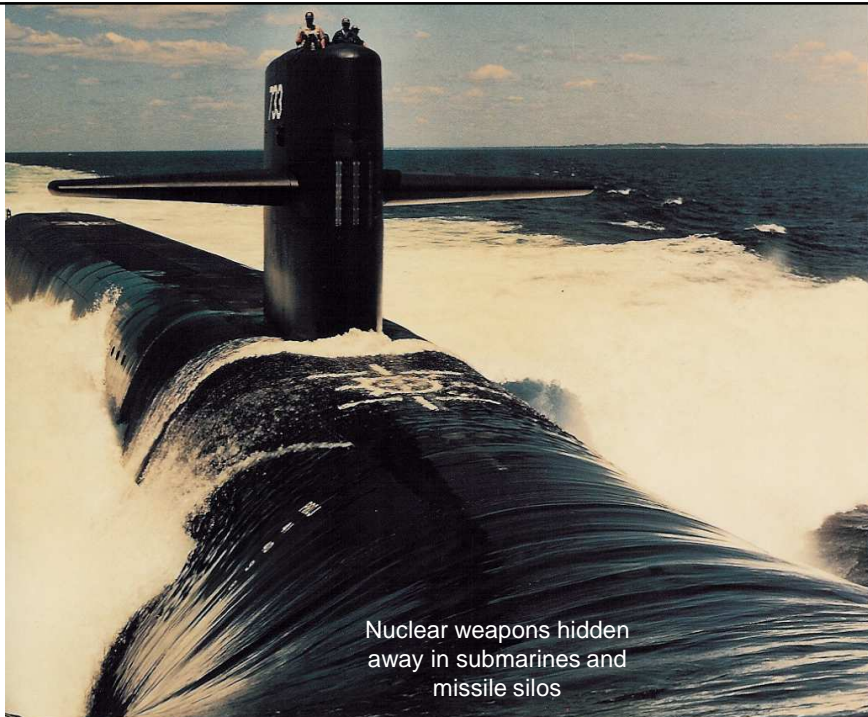


Bulletin of the Atomic Scientists

It is 3
minutes
to midnight



“In 2015, unchecked climate change, global nuclear weapons modernizations, and outsized nuclear weapons arsenals pose extraordinary and undeniable threats to the continued existence of humanity, and world leaders have failed to act with the speed or on the scale required to protect citizens from potential catastrophe. These failures of political leadership endanger every person on Earth.”



Nuclear weapons hidden
away in submarines and
missile silos



Nuclear weapons in NATO countries



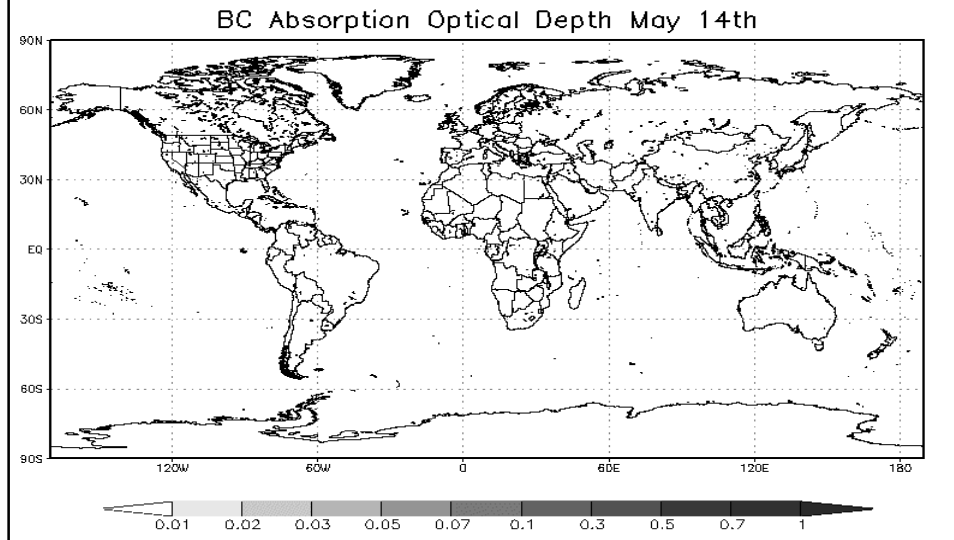
Peace campaigners waving goodbye to nuclear weapons at Buchel
airforce base in Germany, April 2015



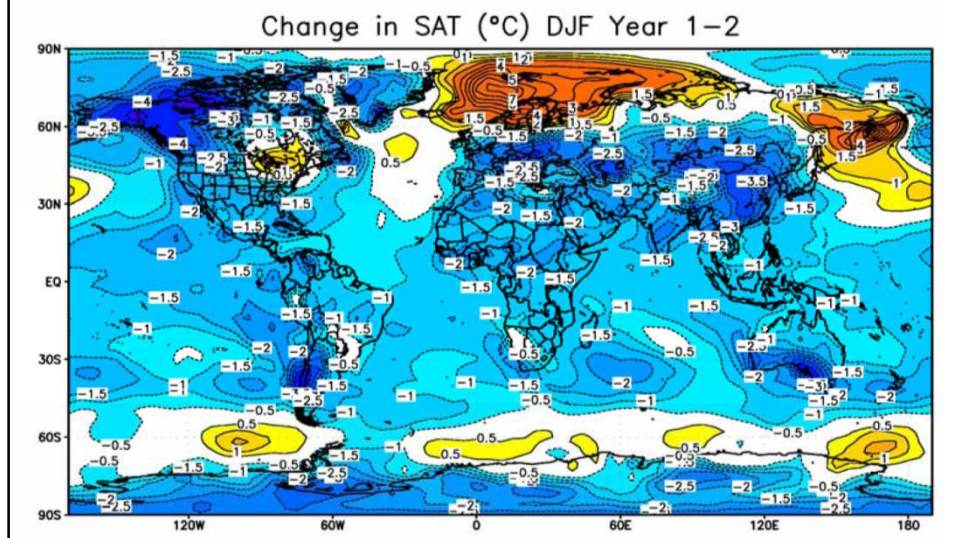
Catastrophic climatic effects of nuclear weapons use

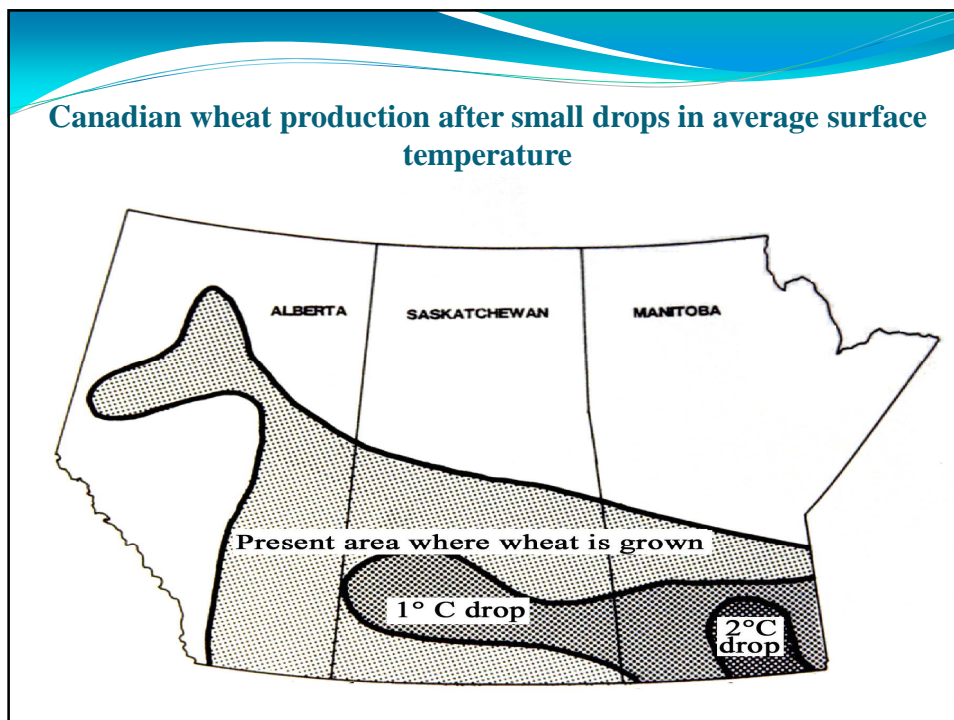
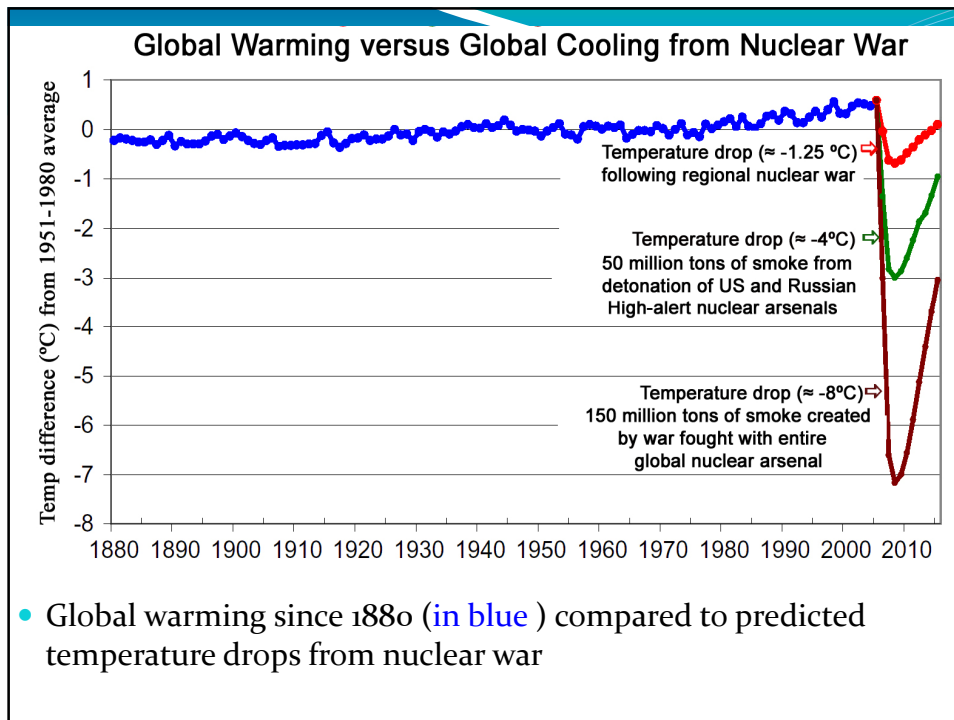
- Catastrophic disruptions of global climate and massive levels of ozone depletion will result if less than 1% of the global nuclear arsenal is detonated in large cities
- The climatic consequences of a large nuclear war – or even a pre-emptive nuclear strike – would make the Earth uninhabitable for humans

India-Pakistani conflict using 50-100 Hiroshima-size nuclear weapons



Change in average surface temps 2 years after India-Pakistan nuclear war





Arnold Schwarzenegger



Although we must address global warming —its most dangerous consequences come decades down the road. The most dangerous consequences of nuclear weapons, however, are here and now. They are of this hour and time.

A nuclear disaster will not hit at the speed of a glacier melting. It will hit with a blast. It will not hit with the speed of the atmosphere warming but of a city burning. Clearly, the attention focused on nuclear weapons should be as prominent as that of global climate change.

Arnold Schwarzenegger, Governor of California, 2003-2011

Now for the Good News



- *" I reaffirm clearly and with conviction America's commitment to seek the peace and security of a world without nuclear weapons ,"*
- *"The United States, as the only nuclear power to have used a nuclear weapon, the United States has a moral responsibility to act. We cannot succeed in this endeavor alone, but we can lead it, we can start it."*

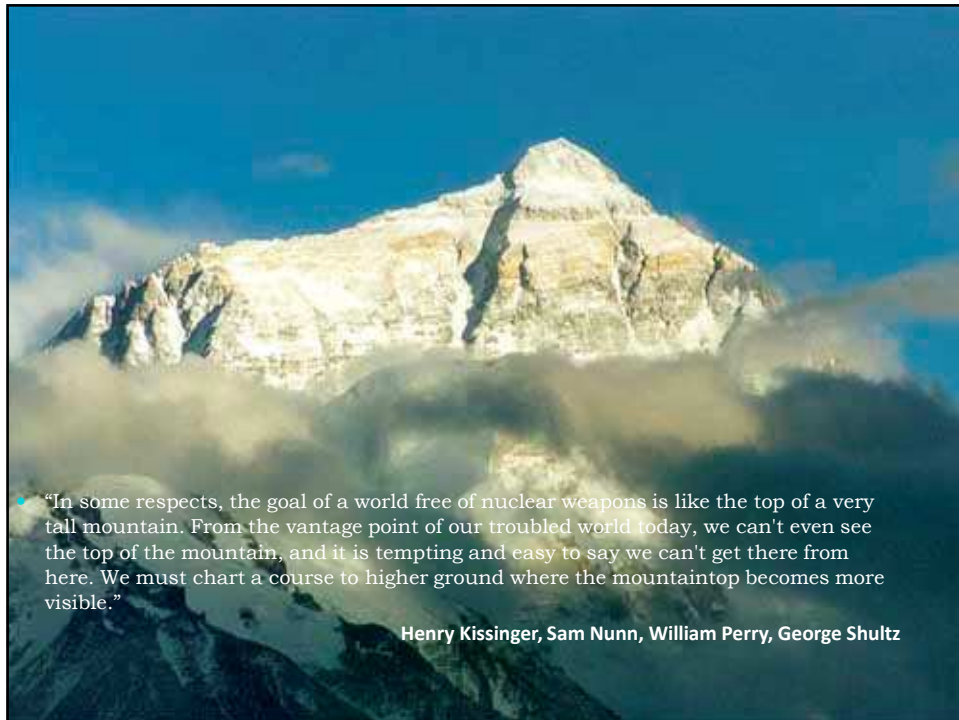
Prague, 5 April 2009

Over ½ of the world is already nuclear free

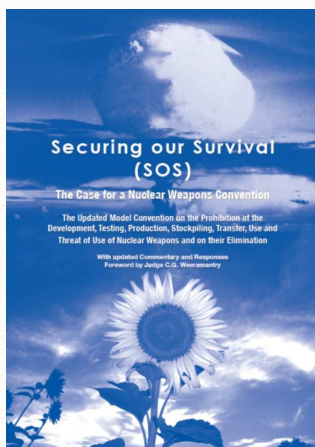


Consensus on the need to achieve a nuclear weapon free world

- NPT Review Conferences 2000 and 2010
- High level statements from nuclear-armed States and nuclear umbrella States

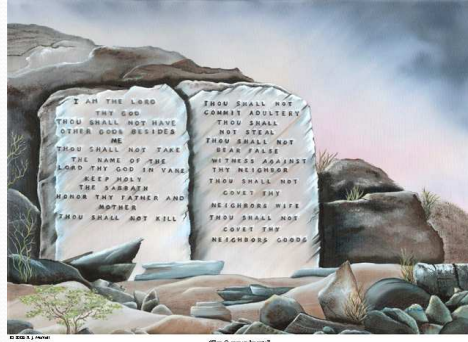


Model Nuclear Weapons Convention



- Explores the legal, technical, institutional and political elements required to achieve a nuclear weapons free world.
- Model NWC is included in the book *Securing our Survival: The Case for a Nuclear Weapons Convention*
- Model NWC submitted to the NPT Prep Com (May 2007) and the UN General Assembly (Dec 2007) by Costa Rica and Malaysia.

Nuclear Weapons Convention - obligations



- Thou shalt not possess, use or threaten to use nuclear weapons
- Thou shall destroy existing nuclear weapons

NWC – Phased disarmament



- Five phases for implementation
- Timeframe for phases would be negotiated and commence from entry-into-force
- Completion of phases builds confidence

NWC Inspection and Verification



International Atomic Energy Agency inspectors with radiation testing equipment in North Korea

Dispute resolution



Courtesy David Austin

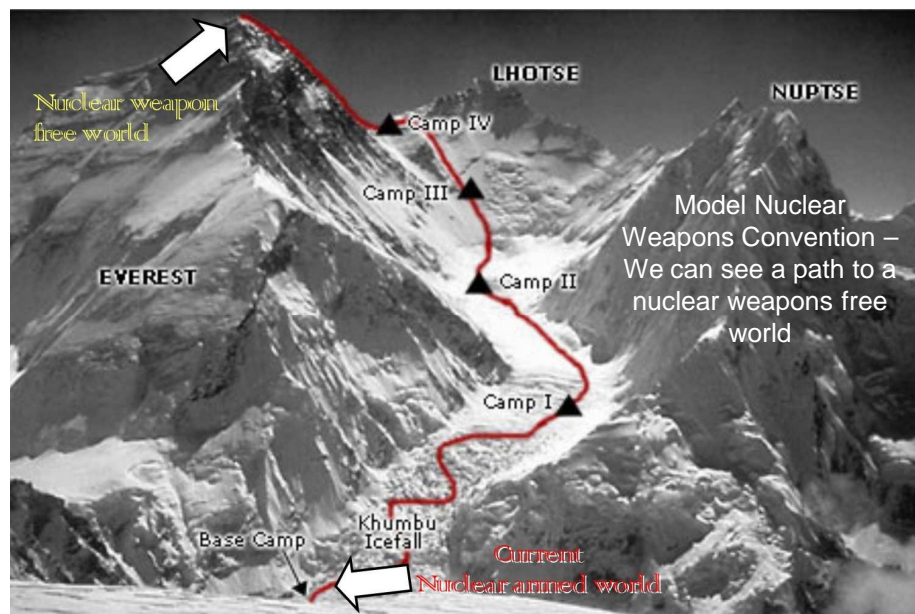
- Clarifies compliance issues – including principles of compliance
- Prevents disputes escalating which could lead to non-compliance and withdrawal

Model NWC Article XIV.C (S&S Section 2-48)

Enforcement



(Courtesy Laurence Clark and Alexander Turnbull Library D-P314007-H)



International Court of Justice - 1996



- There exists an obligation to pursue in good faith and bring to a conclusion negotiations leading to nuclear disarmament in all its aspects under strict and effective international control

Nuclear Weapons Convention – fulfilling the disarmament obligation



United Nations General Assembly

*Follow-up to the advisory opinion of the International Court of Justice
on the Legality of the Threat or Use of Nuclear Weapons*

Calls upon all States to fulfil immediately that obligation by commencing multilateral negotiations leading to an early conclusion of a **nuclear weapons convention** prohibiting the development, production, testing, deployment, stockpiling, transfer, threat or use of nuclear weapons and providing for their elimination;

Governments – Support for UN Resolution

- In favour: 133 countries including Afghanistan, Argentina, Austria, Brazil, **China, India**, Indonesia, Iran, Ireland, New Zealand, **North Korea, Pakistan**, South Africa, Sweden, Switzerland...
- Abstaining. 23 countries including Australia, Canada, Iceland, Japan, Norway
- Against. 28 countries including France, Germany, Israel, USA, and UK

Civil society support for nuclear abolition through a nuclear weapons convention

- Mayors for Peace – over 6000 cities
- Inter Parliamentary Union resolution 2014 – 160 parliaments
- Abolition 2000 – over 2000 non-governmental organisations
- Public opinion polls

Ban Ki-Moon: UN Secretary-General



- I urge all NPT parties to fulfill their obligation under the Treaty to undertake negotiations on effective measures leading to nuclear disarmament.
- They could consider negotiating a nuclear-weapons convention, backed by a strong system of verification, as has long been proposed at the United Nations. Upon the request of Costa Rica and Malaysia, I have circulated to all United Nations Member States a draft of such a convention, which offers a good point of departure

Will You
**UNFOLD
ZERO?**



WWW.UNFOLDZERO.ORG

- United Nations initiatives and forums for nuclear disarmament
- United Nations approaches and forums to resolve conflicts

President Arias leads efforts on disarmament for development



19 November 2008. United Nations Security Council, under the Presidency of Costa Rica, held an historic open debate on implementation of **UN Charter Article 26**, which calls for the regulation of armaments in order to ensure the least diversion of human and economic resources from global needs.

Sensible Approaches to Nuclear Expenditure (SANE) Act US Senator Ed Markey, PNND Co-President





- US\$50 billion in sales – 80% military
- Nearly 300 lobbyists in Washington



"Lockheed Martin is a global leader in the design, manufacture and support of military aircraft. The goal: To provide a full spectrum of aeronautical resources to allow the U.S. and its allies to conduct air operations anywhere, any time."
Lockheed Martin website

Divestment



Norwegian MP
Hallgeir Langeland
Promoted Norwegian
divestment from nuclear
weapons corporations

- Norwegian parliamentarians and civil society have moved the Norwegian multi-billion dollar Pension Fund to divest from corporations involved in the manufacture of nuclear weapons.
- New Zealand Superannuation Fund and other government funds have followed suit.



**DON'T BANK
ON THE BOMB**

Does your bank invest in nuclear weapons?
If so, why not change banks.

www.dontbankonthebomb.com

Youth actions:
Arms Down Youth Campaign on
Disarmament for Development

**ARMS
DOWN!**

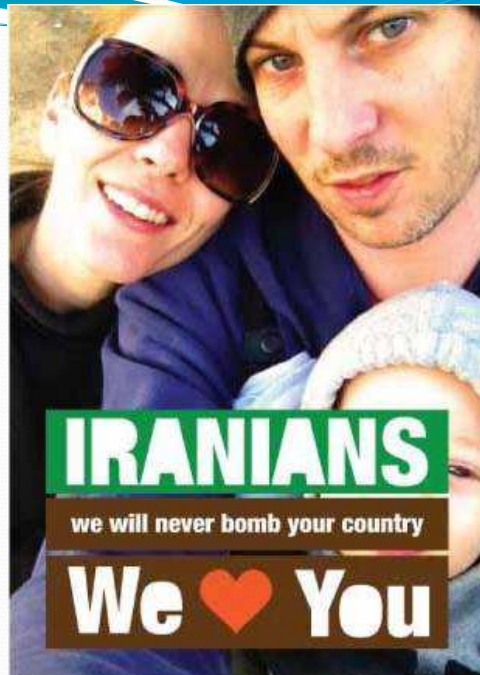
CAMPAIGN FOR SHARED SECURITY



CLICK HERE

20 million signatures on petition calling for 10%
reduction in military expenditure to meet UN
Sustainable Development Goals

Peace from People
to people:
Israel loves Iran



Iran loves Israel



Global
Wave 2015




**GLOBAL
ZERO**
A WORLD WITHOUT
NUCLEAR WEAPONS

Anyone can wave goodbye to nukes!

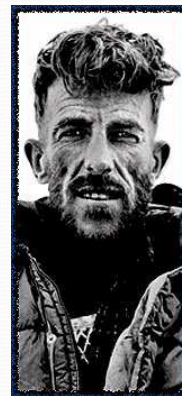


Contacts

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- www.abolition2000.org
- www.baselpeaceoffice.org
- www.unfoldzero.org
- www.globalwave2015.org
- www.globalzero.org



Anyone can make a difference and succeed



I am just an ordinary bloke who persevered.

Sir Edmund Hillary



Russia and the West



- Ukraine conflict – nuclear war back on the table?
- Norway v Russia – Law of the Sea Tribunal

Security without nuclear weapons: Role of law and UN – New Zealand examples



- 1975: French nuclear tests - International Court of Justice case
- 1985: Rainbow Warrior - United Nations mediation
- 1995: Underground nuclear tests – International Court of Justice

Security without nuclear weapons – more examples



- Chad v Libya – International Court of Justice
- East Timor v Indonesia – World Bank/IMF, UN Security Council and UN Peacekeeping
- Costa Rica v Nicaragua – International Court of Justice

North East Asia and nuclear weapons: a Nuclear Weapon Free Zone

