

# New Hampshire Peace Action News

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## From the Director

by Will Hopkins

As a former soldier who lives with the memories of a year of infantry combat in Iraq, I am alarmed by the rise of the Islamic State, but I am equally alarmed by the lack of significant thought that has been given into what our response should be; in particular from the presidential candidates who were vying to be the decision-maker who will have to see us through this crisis. Here in New Hampshire we heard a uniform message, "As President, I will crush ISIS!" This conclusion about how to deal with ISIS would perhaps begin to shift if we asked a few pointed questions?

### "What is the Origin of ISIS?"

The United States has served as a major catalyst to the instability that has allowed the rise of ISIS. Over the past 25 years, the US involvement in the region has included:

Sanctions which led to the deaths of over a million Iraqis, (over a half million chil-

dren).

Bombing campaigns in Iraq, with occasional breaks of a year or two, are seen by Iraqis as essentially part of one long war.

The arming and funding of radical Syrian rebels opposing Assad, many of whom are now affiliated with ISIS.

A withdrawal strategy from Iraq that left much of their infrastructure in shambles.

Serving as the major arms supplier to most regional powers, some of those arms have wound up in the hands of ISIS.

Along with the changes in the world bank's policies and a severe draught, violence was an entirely predictable response to a sudden collapse of the quality of life in a country that had until 2012 been experiencing pretty steady growth and increases in quality of life. Whatever you believe the most important catalysts of the current crisis are it's hard to deny that war and CIA intervention have been important catalysts to the development of vio-

lent movement in the region.

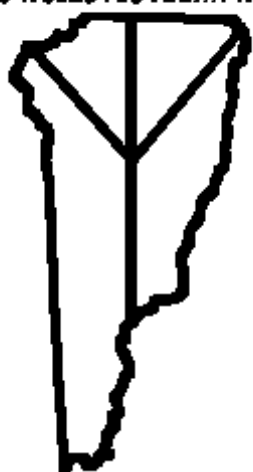
### "What is fueling ISIS?"

ISIS and Al Qaeda begin their recruiting narrative with the basic premise that the United States, and other western powers will not allow the Muslim world to exist in peace, and that only violent insurgency (Jihad) can stop us. And we have given ample evidence to support this narrative. A trail of dead civilians from our bombing over the last decades in Iraq, Syria, Yemen, Somalia, Afghanistan, Pakistan, and Libya (Libya bombings carried out under NATO, not directly by the US) leave a truly shocking body count. Radical Wahabi Islam serves as a vehicle for this ideology, as Christianity does for violent movements like the Klu Klux Klan here in the US. I'm sure childhood memories of guys like me kicking in doors and pointing guns in the faces of families have been particularly effective recruiting tools among young Iraqi men aged 16 to 25 or so.

### "How can we remove that fuel? If, where, and when

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***A View from the Woods Part 1******by John Raby***

These days, terrorism and cyber warfare are scary things, but it's reassuring to think that at least we don't have to worry about the nuclear arms race that went on during the Cold War. After all, the number of nuclear warheads that the United States and Russia have is down sharply from its Cold War peak in the 1980s, and the Cold War itself is over. Why get upset about a nuclear arms race that is ancient history when we have other things to concern us instead?

Think again. On April 17, the lead headline in The New York Times read:

**RACE ESCALATES FOR LATEST CLASS  
OF NUCLEAR ARMS**

**SHADES OF A COLD WAR**

**U.S., Russia, and China Try to Build Smaller,  
Faster Warheads**

According to the Times report, the U.S., Russia, and China have all embarked on a nuclear weapons modernization program. Among the weapons being developed is a hypersonic glide vehicle, a missile that could change direction on its descent to dodge missile defenses. Its projected speed is so great that it could act like a bomb on impact, even without a warhead in it. The U.S. and China are both working on this project.

At MIT on April 2, former Secretary of Defense William Perry said, "The danger of a nuclear catastrophe is higher today than at any time during the Cold War."

At that same conference, Dr. Perry described one of his worst nightmares, a terrorist-organized nuclear attack with a Hiroshima size

bomb in Washington DC that would lay flat the White House, Capitol Building, and Pentagon, and thereby decapitate the US government. This is one small bomb, 2 to 3 percent the size of an average modern nuclear warhead.

In other words, the nuclear arms race is still on, and has entered a new, more dangerous phase. Dr. Perry has emphasized the point many times over the past few years.

For those unfamiliar with what a nuclear explosion can do, here is a short, four part description:

First there is the blast itself. It would vaporize everyone and everything in sight over a diameter of several city blocks to several miles, depending on the size of the warhead, and level every building and blind everyone up to several miles from the explosion's center. Additionally, people within that area would suffer second and third degree burns.

Then there is the fallout. It would induce radiation sickness, long term health effects such as cancer and birth defects, and genetic damage that would extend well past the first generation.

The immediate area affected by the explosion would possibly remain uninhabitable for decades. Aid for the injured and ill would be slow in coming and often too late, since there would be no medical services left in the immediate area. The same point applies to burying the dead.

Then there is the electromagnetic pulse resulting from the explosion that would paralyze transportation and communications networks. No computer technology would survive either.

In a full-scale nuclear attack, all national networks for distributing the necessities of life would cease to exist, and the surviving population would be reduced to foraging on foot to meet its needs. Without the necessary skills to forage, most of the survivors would soon die.

Finally, and worst of all, would be the effect on climate. Currently, the U.S. and Russia each have between 7500 and 8000 nuclear warheads in their stockpiles. An exchange of 100 Hiroshima-size weapons-something that could happen in a nuclear war between India and Pakistan-would affect growing seasons worldwide for the next several years and kill up to two billion people in the ensuing famine. An exchange of 1000 such weapons-a small fraction of what the U.S. and Russia have-would turn the world into a dead zone, at least as far as we humans are concerned.

As Memorial Day approaches, one cannot help wonder if a revived arms race is a fitting way to honor those who have died to protect their country.

Meanwhile, the race continues in its macabre, three-legged way. The legs are called MAD, SAD, and NUTS. More about those next time.

References for this articles are available on request. Please email [info@nheaction.org](mailto:info@nheaction.org).

*This is the first of a four part series by John Raby of the NHPA/AFSC Nuclear Weapons Working Group. It was written for and first published in the InterTown Record.*

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**From the Director, cont'd from pg 1****can the use of military force be helpful?"**

External violence, bombs, and occupying forces are historically incapable of doing anything but inflaming violent insurgent social movements. Even the Pentagon's own Counter-Insurgency doctrine suggests that military force on a level capable of disturbing and countering the growth of ISIS is likely well out of reach for the United States Army General David Petraeus and Marine General James Amos hold in the Counterinsurgency field manual that, "Defeating such enemies requires a global, strategic response—one that addresses the array of linked resources and conflicts that sustain these movements while tactically addressing the local grievances that feed them." It also holds that "An operation that kills five insurgents is counterproductive if collateral damage leads to the recruitment of fifty more insurgents."

Petraeus and Amos conclude that occupying forces can indeed be helpful saying, "Twenty counterinsurgents per 1000 residents is often considered the minimum troop density required for effective COIN operations" and "Insurgencies are protracted by nature. Thus, COIN operations always demand considerable expenditures of time and resources." In an interview on Fox news, Petraeus later set the minimum time needed for effective Counter-Insurgency operations at nine or ten years. A targeted counter-insurgency campaign for that time period in the region currently occupied by ISIS would run over 10 Trillion Dollars, a cost which, if incurred, would cripple our economy and lead to severe collapse of the quality of life of the American people.

**What else can we do?**

We do not need to turn to vastly expensive and likely counterproductive military action to address this problem.

In the short term, there are at least four immediate steps the United States can immediately take:

- Stop the bombing which fuels the recruitment efforts of ISIS.
- Cut off the flow of arms and funds to anti-Assad militias that we know are ending up in the hands of ISIS.
- Take concrete multi-national steps at the United Nations and elsewhere to stop the flow of black market oil and antiquities from the region.
- Address the humanitarian and refugee crises that have erupted, ensuring safety, food and water for the desperate innocents caught in this civil war.

In the longer term, some of our options include:

- Imposing a regional arms embargo against all armed actors in Iraq and Syria.
- Pressuring regional states to quell the flow of foreign fighters.
- Working with the United Nations to bring as

many armed actors to the negotiating table as possible to work for a political settlement.

Building regional stability through aid to host communities for Syrian Refugees.

Supporting civil society and nonviolent internal resistance.

While there are constructive concrete physical things that can be done, in the end it is our understanding of the Middle East that must change. War and violence do not lead to peace and tranquility, we must allow another story to arise for the people of Iraq and Syria, one which says that we will give them self determination and human rights, that the rain of bombs will end, and they that can raise their families in peace. We need to change our own culture that dehumanizes Muslims, and feeds into the narrative that the United States will never allow people in the Middle East self-determination. As AJ Muste said, "There is no way to peace- peace is the way." Culturally, I believe this is the place we need to move as a society and in partnership with the rest of the world, not only because it is the only road to avoid the monumental disaster that a ground war with ISIS would prove, but because I have seen the humanity of people in the Middle East, because I know that their children are no less real and no less human than ours, and I know that when an ISIS fighter kisses his child good-by knowing it could be the last time, he loves them like I love my daughters. I say it because I believe that eventually humanity will win out and ISIS will fizzle.

If the United States wants to play a truly productive role in the eventual deflation and end of ISIS, it is these types of questions we should be asking. We may want to ask other questions too, like:

"How many innocent lives must be lost?"

"How many must go without so we can wage a war with no real chance of a positive outcome?"

"How long will it be before we see another way forward? How long will it take us to learn our lesson, and turn our backs on violence, empowering those in the Middle East who would challenge ISIS the opportunity to lead a shift in culture that will do the same?"

All violent movements end, and in this case, violence perpetrated by the US and NATO has helped create a horrible thing in ISIS, but in the end, it is questions like these about what might make the situation better that should drive discussion, not a nonsensical and ubiquitous talking point.

***Will Hopkins is Director of NH Peace Action and  
NH Peace Action Education Fund.***

NH Peace Action Education Fund Co-Chair  
Olivia Zink has been named  
Executive Director of  
Coalition for Open Democracy and  
NH Rebellion effective April 1, 2016.  
**Congratulations Olivia!**

***Palestine Education Network News******Threats to the BDS Movement: A Check on US/Israeli Power***

Senator Kelly Ayotte is a co-sponsor of a disturbing piece of legislation, the purpose of which is to make it illegal for organizations and government entities to pressure Israel to end its oppression of Palestinians. As of this writing Senator Jeanne Shaheen has not signed on as a co-sponsor of this bill. This legislation is disturbing because it sends a message of support to Israel to continue its undemocratic and illegal policies toward Palestinians and attacks our rights as citizens of the United States to exercise our freedom of speech and action to address inhumane practices. All of this under the guise of supporting "the only democracy in the Middle East". How did we come to this deplorable juncture?

The Boycott, Divestment, and Sanctions movement (BDS) was initiated by Palestinians as a non-violent method to make Israel accountable and force the Israeli government to comply with international law. The BDS movement has been chosen by all Palestinians, those living in Israel, the occupied territories of the West Bank and Gaza, as well as in the diaspora, to peacefully change the inhumane way Palestinians are treated and begin a peace process that is based on justice. BDS calls on grassroots efforts around the world to unite and pressure Israel into following international law.

Why BDS? Citizens of the world need to step in where our elected officials and diplomats have failed us. As Margaret Mead wisely told us only people banding together make change, not people in power. Many of us are not aware that boycott was a way abolitionists fought to end slavery in the U. S. Citizens were urged not to buy cotton products, as almost all cotton production used slave labor. Prior to the Civil War and the end of slavery, Quakers were especially strong supporters of the method of boycotting as a non-violent action. We can look to the example of South Africa to recognize the power of BDS in ending apartheid there. Senator Ayotte's sponsoring of anti-BDS legislation flies in the face of our civil liberties. The Netherlands has just passed legislation declaring BDS a form of free speech.

Why do Israel and U. S. need to be checked with people power? Why should we as U. S. citizens be concerned about Israel's laws and military policies of occupation? Until the recent displacement of Syrians, Palestinians represented the largest group of refugees in the world. This was the result of the displacement of Palestinians from their homes in 1948 when Israel was created and again in 1967 when Israel invaded the Palestinian territories.

The United States has continuously buttressed Israel  
*Continued on page 5*

## Obama Should Bring Renewed Commitment to Nuclear Weapons Abolition with him to Japan - by Arnie Alpert

News that President Barack Obama is considering a trip to Hiroshima brought back memories of meeting him on his first trip to Concord, early in his presidential campaign. Given a heads-up that the Illinois Senator was headed for the Eagle Square Deli, colleagues and I went there in time to order lunch, find a table, and wait for his still small entourage.

Obama worked the room, escorted by Ann McLane Kuster, then a local attorney, now our Representative in Congress. When he reached our table I asked the Senator a critical question about “free trade” agreements, but that’s a story for another day.

As Kuster was trying to get him to the next table, Erin Placey, my 24-year old colleague, grabbed Obama’s hand for a shake. Once she had his attention, Erin told



In this Aug. 6, 1945, photo, smoke rises 20,000 feet above Hiroshima, Japan, after the first atomic bomb was dropped. On two days in August 1945, U.S. planes dropped two atomic bombs, one on Hiroshima, one on Nagasaki, the first and only time nuclear weapons have been used. Their destructive power was unprecedented, incinerating buildings and people, and leaving lifelong scars on survivors, not just physical but also psychological, and on the cities themselves. AP file photo

Obama that she had visited Hiroshima the previous summer.

Erin had been a delegate to the World Conference against A & H Bombs, an annual gathering in Hiroshima and Nagasaki on the anniversaries of the atomic bombings of the two Japanese cities. There, she met

peace activists from all over the world, including several “Hibakusha,” as the survivors of the atomic blasts are known in Japan. The Hibakusha, dwindling in numbers as the years pass, are the moral leaders of a movement that demands nuclear weapons must never be used again and must be abolished.

For Erin, who grew up in southern Maine with family members employed at the local nuclear submarine base, the trip had a profound effect on her view of nuclear weapons. On that day in early 2007, she wanted to know if Obama would pursue the abolition of nuclear weapons should he become president.

Obama responded quickly that he had dedicated considerable attention to halting nuclear proliferation, but Erin was not satisfied.

“Under Article 6 of the Non Proliferation Treaty,” she said in no uncertain terms, “we are obligated to work for the elimination of all nuclear weapons.”

The former law professor was a bit taken aback by Erin’s directness and the specificity of her statement. He let on that he needed to look into it more deeply.

Look into it he did.

Six months after meeting Erin Placey in Concord, Barack Obama delivered a speech at DePaul University where he pledged, “Here’s what I’ll say as president: America seeks a world in which there are no nuclear weapons.” After taking office as president he took his nuclear-free vision to the world stage. In a much-heralded speech in Prague, Obama told the world, “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. So today, I state clearly and with conviction America’s commitment to seek the peace and security of a world without nuclear weapons.”

Despite a promising start, the president has not lived up to his stated commitment. He did complete negotiations and won ratification of the New START Treaty, which achieved modest reductions in U.S. and Russian nuclear weapons. He initiated a series of “nuclear security” summits aimed at lessening nuclear dangers. And against serious political odds he reached a deal with Iran that can prevent another country from joining the nuclear “club.”

But instead of continuing on the path toward “a

world without nuclear weapons,” his administration is now backing a trillion dollar plan for an entirely new generation of nuclear warheads, along with new bombers, submarines, and missiles that could deliver them to targets across the globe. “When Obama stopped pushing his nuclear policies in 2011 (save for Iran), the nuclear-industrial complex took over,” Joseph Cirincione of the Ploughshares Fund commented in a recent article.

Speaking recently at MIT, former Secretary of Defense William Perry said, “The danger of a nuclear catastrophe is higher today than at any time during the Cold War.”

“It may not be too late,” Cirincione says. “Before a new arms race begins in earnest, Obama could move to delay or cancel some of the new weapons, notably the new nuclear cruise missile and the new ICBM, as former Secretary of Defense Bill Perry urges. There is no shortage of other recommendations. But he will have to be bold, as bold has he was at the beginning of his presidency.”

And that brings us back to Erin Placey.

Erin wants Obama to have an experience like the one she had in Hiroshima ten years ago. “Don’t just visit ground zero,” she wants to tell him. “Spend time with the people. Make time to meet publicly and privately with the A-bomb survivors, the Hibakusha. Allow your soul to be moved by their life-long unwavering commitment to ensuring that this level of human atrocity never happens again.”

“Allow your resolve to be strengthened by theirs and use your remaining time in office to get us back on the path toward a nuclear free world,” Erin advises.

*Arnie Alpert is co-director of the American Friends Service Committee’s New Hampshire Program.*

*This OpEd was originally published in the Concord Monitor on May 8, 2016.*



## Veterans For Peace Update

by Will Thomas

PEN News - continued from page 3

NH Veterans For Peace has been very busy this year. Here are just some of the activities we have been involved in:

Co-sponsored the annual Martin Luther King, Jr. Community Celebration. Following the celebration, several VFP members staged a vigil outside the Radisson Hotel indicating our opposition to a corporate-sponsored event called "Keeping the Dream Alive." Some of the sponsors are part of the military industrial complex that President Eisenhower warned us about. A local high school had JROTC cadets lined up in their "uniforms" greeting people as they entered the lobby. It was an event, we believe, that MLK would have opposed as militarism was one of the evils he listed in his 1967 speech, "Beyond Vietnam: A Time to Break Silence."

NH VFP is part of a coalition that vigils for peace and justice in Manchester every Thursday from noon to 1 pm. Please join us at the corner of Elm & Mechanic Streets. (NHPAEF Chair Curt Smith at the vigil this winter)



Joined with others to form a working group that addresses the issue of nuclear weapons and the concern over safety, accidents, and the cost of up-grading the US's nuclear triad at a cost of \$1 Trillion dollars. The aim is to inform people about the treaties that exist to limit nuclear weapons and the dangers involved in possible first-strike use as a new generation of such weapons are being developed.

We are helping to sponsor a recording and video of a new song by Pat Scanlon that will focus on how the government is spying on peace groups, including VFP. One written report that FOIA allowed VFP to read, said that VFP was an "extremist" organization! If being an "agitator" for peace makes us "extreme," then VFP welcomes this label!

NH VFP is planning to participate in Manchester's Memorial Day Parade, though our message will be one of "glorifying" peace and not war.

In February we helped sponsor a vigil in Concord with PEN that called on Israel to allow Palestinian merchants and civilians to walk freely to their businesses and

homes on a street that has been closed to Palestinians for many years. It used to be the main commercial district in the city of Hebron and it is called Shuhada Street.

On April 12th, NH VFP participated (with PEN) in an informational action in Manchester on Ben & Jerry's "Free Cone Day." Ben & Jerry's plant in Israel sells its ice cream in many of the illegal Israeli settlements which actually help to subsidize these settlements.

April 21st, NH VFP contributed to the rental and showing of Michael Moore's film, "Where Do We Invade Next," at the Manchester UU church.

April 24, 24, and 25th, NH VFP helped sponsor the visit of two Palestinian Christians from Bethany (Azariah) in Occupied Palestine. They visited and gave presentations in Keene, Plymouth, and Concord, NH, also in Bedford, Mass. They spoke of living under harsh conditions under occupation and described how they created an alternative school in their community. The school is called Vision Association for Culture and the Arts (VACA). Milan and Manar call their school - the "House of Hope."

*Will Thomas is the NH Coordinator for Veterans For Peace and lives in Auburn with his wife Wendy and daughter Amanda. He is also a member of NH Peace Action Board of Director's.*

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with financial aide and provided diplomatic cover with our veto at the United Nations. The treatment of Palestinians is illegal according to international law. The Fourth Geneva Convention stipulates how governments need to behave as an occupying force. An occupying nation is not allowed: to move their population into the occupied territory (the settlements); collectively punish the occupied population (bulldozing the homes of families of suicide bombers); or block the right of return of displaced persons. Israel blatantly breaks all of these conventions. These conventions/international laws were created at the end of WWII, in part to assure that another holocaust would not occur.

Half of all of U. S. foreign aide is given to Israel. With all the need in the world and at home, this proportion seems misplaced. And because most of the aide is in the form of military equipment, it is not humanitarian. Currently Israel receives 3 billion dollars a year and wants that increased to 4 billion each year for the next decade (a 30% increase). Eighty-three US Senators sent a letter to President Obama urging him to send the requested money. Senator Ayotte signed the letter, Senator Shaheen did not. The overwhelming support of our elected officials to continuously support Israel no matter how poorly she behaves demonstrates how important BDS is in the effort to reign in Israel's reckless misbehavior.

In a recent edition of Haaretz, Gideon Levy railed at the 83 Senators who signed the letter. He wrote of Israel, "This destructive, murderous force will fall again on devastated houses in Gaza, and America will finance it all once again. The money will also corrupt Israel. If this is the prize for refusal to make peace and its flouting of international law, why shouldn't it behave this way? Uncle Sam will pay."

The BDS movement is having an impact on Israel. Omar Barghouti, the Palestinian co-founder of BDS, and U. N. Secretary-General Ban Ki Moon both have stated publicly that Israel is feeling the pressure. Other indicators of Israel's discomfort are the drive to curtail BDS in the U. S., the recent banning of travel for BDS's Omar Barghouti and other political leaders, and the bold request for more money. These are all ways for Israel to reassert itself before international pressure leads to justice for Palestinians.

Jewish Voice for Peace and Amnesty International are calling for U. S. citizens to urge Secretary Kerry to do something about the new travel bans that are being placed on Palestinian political leaders. In March an Israeli Minister, Yisrael Katz, publicly called on his government to begin "targeted civil eliminations" of BDS activists. During a recent Interfaith Peace Builders trip to Palestine, Omar Baghouti told our delegation that one of the strengths of the BDS organization is that the Palestinians who head it are located

*Continued on page 7*

## 350NH Happenings

Still surging from the energy of a successful May Day event with Bill McKibben, 350NH is gearing up for a busy month of May! On May 14th, we will join thousands of people from the Northeast in Albany, NY for Break Free. Break Free is a series of 23 mass actions demanding to Keep Fossil Fuels In The Ground in 12 countries on 6 continents: #BreakFree2016.

There is also a lot of work and celebration being done here at home! We are celebrating the suspension of a looming fracked gas pipeline: Northeast Energy Direct! Over 500 students have rallied at Dartmouth and UNH to escalate their work for university divestment from fossil fuels. And across the state we are building a movement for offshore wind energy. You can help bring offshore wind by signing our statewide petition to Governor Hassan: [bit.ly/nh-offshore-wind](http://bit.ly/nh-offshore-wind).



*Petition signing with the Leftist Marching Band!  
Photo Credit: Mike Hasty*

Stay tuned at [350NH.org](http://350NH.org) for more information on stopping new fossil fuel infrastructure, university and college divestment, offshore wind, and our upcoming events and actions!

*Kaitly Thompson is state coordinator for 350NH, a special project of NH Peace Action Education Fund.*

**There is no Earth v2.0**

## *A View from the Woods Part 2*

*by John Raby*

### The Three-Legged Nuclear Arms Race: MAD, SAD, and NUTS

Even though people are familiar with the acronym MAD, few are aware of NUTS. President Obama is currently developing a US nuclear strategy consistent with NUTS, which considers fighting and winning a nuclear war at any level of military engagement a sensible thing to do.

MAD was originally called Assured Destruction. This strategic policy acknowledged that waging a nuclear war would likely result in mutual destruction, and theorized that one superpower could deter another from initiating a nuclear attack by guaranteeing a devastating counterstrike. The resulting exchange would damage the aggressor as much as it would its victim. Strategists argued that no rational leader would engage in nuclear war on those terms, and so Assured Destruction became the dominant nuclear arms strategy in the 1950s and 1960s. In the late 1960s and 1970s, defense analysts whose strategic thought was reflected by the Committee on the Present Danger argued that Assured Destruction was suicidal, and called it “mutual assured destruction,” or MAD. Nobel Laureate economist Thomas Schelling supported Assured Destruction in his *Strategy of Conflict* (1960). He proposed that a superpower with a guaranteed counterstrike that could withstand an aggressor’s first strike would effectively deter a hostile nation. He added that nuclear-armed submarines would provide sufficient deterrent force without the need for either land-based nuclear missiles or air deployed nuclear bombs.

In actuality, MAD is simply a mask for SAD (Self-Assured Destruction), since either the US or Russia could induce a nuclear winter that would make the earth uninhabitable by launching 1000 of its own missiles, without a retaliatory response from its opponent (Alan Robock et al, 2007, “Climatic Consequences of Regional Nuclear Conflicts,” *Atm. Chem. Phys.* 7: 2003-12; Robock, MIT lecture, April 2, 2016; Ira Helfand, An Assessment of the Extent of Projected Global Famine Resulting from Limited, Regional Nuclear War, paper presented to the Royal Society of Medicine, London, UK, October 2007; MIT lecture, April 2, 2016; Max Tegmark, <http://www.futureoflife.org>, MIT lecture, April 2, 2016).

Nuclear Use Targeting Selection (NUTS) builds on the deterrence theory that Herman Kahn proposed in his *On Thermonuclear War* (1960). While MAD

recommends maintaining a secure counterstrike capability (known as massive retaliation during the Eisenhower years) to avoid nuclear war, NUTS holds that deterrence will work only if the United States commits itself to fighting a nuclear war at every level of military engagement. Kahn described 44 rungs on a ladder of military escalation, with nuclear war beginning on rung 15. NUTS is radically different from MAD in several ways. To begin with, it minimizes the risk of accidental nuclear war due to either communication error or hardware failure, and ignores the climate damage that would result from a nuclear conflict (Eric Schlosser, *Command and Control*, 2014, Robock, 2007, 2016; Helfand, 2007, 2016; Tegmark, 2016). NUTS proposes that the US must be able to threaten hostile nations with nuclear war to assure its own security and that of its allies, and embraces the first strike use of nuclear weapons. NUTS requires viewing nuclear weapons as no different from conventional arms, and endorses both the development and flexible use of nuclear weapons suited to lesser than all-out war. NUTS suggests that the US must dominate every level of military escalation, supports coercive bargaining to promote US security and power, and acknowledges that winning a nuclear war may require securing the best chance of long-term survival in a post-apocalyptic world with massive levels of radioactive and ecological contamination (SM Amadae, “War,” *Prisoners of Reason*, Cambridge University Press, 2016).

So it goes. The next offering in this series will discuss human survival in the nuclear age as the gift of dumb luck.

References for this articles are available on request. Please email [info@nheaction.org](mailto:info@nheaction.org).

*This is the second of a four part series by John Raby of the NHPA/AFSC Nuclear Weapons Working Group. It was written for and first published in the InterTown Record.*

*Peace begins with a smile.  
Mother Teresa*

## Stopping Climate Change - A Practical Plan

by Roy Morrison

Stopping climate change is like the weather. We complain. But nothing changes. The problem is global. How can I make a difference? Each of us is in the same place as the other 319 million Americans, or the more than 7 billion people in the world.

The good news is that there's a practical standard we can use to measure if we're living sustainably.

It's simple. It's 3 tons of carbon dioxide emissions per person per year. At the average individual rate of 3 tons, yearly total global carbon dioxide emissions would be 21 gigatons. That's equal to the global natural carbon sinks in the ocean, soil, biomass that keeps the amount of global carbon dioxide in the atmosphere level.

The global average is now 4.5 tons carbon dioxide a person per year. Drop from 4.5 tons of carbon dioxide per year to 3 tons and game over. 7 billion people times 3 tons each is 21 gigatons. That's it for climate change. Forget about rising seas, crop failures, Miami and New York underwater, Back to watching football.

But the devil is in the details. While the global average is 4.5 tons, the U.S. average per person is 17.5 tons a person per year. China is 6.4 tons a person per year. Since there's a lot more people in China, they have now passed us as carbon dioxide champ.

For the big rich emitters like the U.S., reaching 3 tons a person means a transformation of our polluting ways. Fossil fuels must be used without carbon pollution or left in the ground if there's any hope of getting to 3 tons a person.

For small poor emitters, it means following a development path that goes directly to sustainable renewable resources and skips the high pollution fossil fuel road.

If everyone followed the path of the U.S., and now China, relying on polluting fossil fuels, we would need several earth's to deal with the consequences of our pollution. If we do not pursue a global convergence on emissions of 3 tons per person of carbon dioxide, and instead continue our megapollution, we will destroy our civilization and ourselves.

A global convergence on 3 tons per person per year of carbon dioxide emissions is the real global measure for social and climate justice. This should be the basis for policy, diplomacy, and action.

### The 3 Tons Solution

The solution is an aggressive pursuit of an ecological global growth initiative that makes economic growth mean ecological improvement, makes us all sustainably richer and tackles climate change.

We need to invest trillions in building the renewable resource infrastructure and the sustainable ecological industrial systems where all outputs are used as inputs in other systems.

Trillions of productive investment over the next thirty years means enormous profits, millions of sustainable jobs in sustainable communities. It means transforming agriculture, and forestry as well as industry. It means using existing proven technology which is only getting better by the day. For example, the US coal generating plant "fleet" of 1,309 plants with a capacity of 343,757 megawatts produces 1.6 trillion kilowatt hours of electricity a year. This amounts to 5.32 tons of carbon per American per year all by itself. This represents 177% of the U.S sustainable carbon allowance.

Investment of \$90 billion a year in photovoltaics for 20 years, at \$1.50 per watt with storage, could replace coal generation. It would cover a block of land 137 miles on each side, or 217.5 square miles per state. This can be from roadways, rooftops, marginal land. Renewables will increasingly come not in big plants but in building materials, from roads and small vertical axis wind turbines.

Reality is that we'd build a mix of complementary wind, solar, and other renewables and link the systems with High Voltage Direct Current (HVDC) power lines and storage.

### Global Climate Club

The United States and China, the world's two biggest economies and biggest emitters can lead the way by starting the Global Climate Club and committing to meet the sustainable 3 ton carbon dioxide per person target.

The stick is that nations who don't join the Climate Club will be subject to stiff import tariffs. The carrot is the establishment of a means to transfer capital and technology for renewable energy and sustainability from rich polluters to poor nations. A Basic Energy Entitlement (BEE) would place assessments on all energy use, 1 cent per kilowatt hour equivalent, and invest in renewables in poor nations. A commitment of one percent of GDP will support global investment in renewable transformation and drive the global convergence on 3 tons of carbon.

This is the basis for a sustainable and prosperous future. Each of us can pursue the 3 tons solution for our homes, or, if we are Barack Obama and Xi Jinping, for the planet.

Roy Morrison's latest book *Sustainability Sutra: An Ecological Investigation* will be published March 7, 2017 by Select Books in NY. The Chinese translation of his book *Ecological Democracy* will be published in 2016 by China Environmental Press in Beijing. Roy can be reached at [roy.morrison14@yahoo.com](mailto:roy.morrison14@yahoo.com)

### PEN NEWS - continued from page 5

all over the world and, therefore, its leaders can not be easily eliminated.

As peace activists, we need to thank Senator Shaheen for not signing the letter to and to request that she not vote for S.2531 which limits boycott and divestment as a means of non-violent expression. Also, Senator Ayotte must be informed that Israel's power needs to be aligned with international law.

The Palestine Education Network is joining with Jewish Voice for Peace's effort to have President Obama name a special envoy for Palestinian children. Israel has 440 children as young as 12 years old detained in military prisons. Six year olds have been taken from their homes and detained. In the next months we will be asking that our Congressional delegation request the special envoy. Look for email notifications to help us in this effort.

Addresses:

Senator Kelly Ayotte:

144 Russell Senate Office Building: Washington, D.C. 20510

Senator Jeanne Shaheen:

506 Hart Senate Office Building: Washington, D.C. 20510

Secretary of State John Kerry:

US Dept. of State, 2201 C St., NW, Washington, DC 20520

*Sandra Yarne is a member of the Palestine Education Network and a member of NH Peace Action Education Fund Board of Directors.*

*The Board and Staff of NH Peace Action Education Fund would like to thank the*

**Anne Slade Frey  
Charitable Trust**

*for ongoing support of this newsletter  
and our other educational programs*

## Upcoming Events

**June 9 An Evening with the Compassionate Listening Project in Israel and Palestine.** Please join presenters Joel Berman and Helen Fitzgerald, who recently traveled as citizen delegates to Israel and Palestine to learn and practice Compassionate Listening as they heard many Palestinians and Israelis share their personal stories. 7-9 PM, Concord Unitarian Universalist Church, 274 Pleasant St., Concord. Free and open to the public. For more information, contact LR Berger, 496-1056.

**June 23-25 Concord Market Days** NH Peace Action and Palestine Education Network will again be setting up a booth at Concord's Market Days Festival. This is a great opportunity to talk to people about what we do and why we do it and to recruit new members. Volunteers are needed to help staff the booth during the 3 days. Please call the office 228-0559 if you would like to help! **Concord Multicultural Festival will be held on June 25, State House Lawn.**

**June 25 NH Progress Summit** Co-hosted by NH Citizens Alliance and Granite State Progress. This years theme is "Standing on the Brink". Our state and country are at a critical juncture, and the decisions we make in the near future will have lasting implications for the legacy we leave behind us. Whether it's advancing pro-active legislation at the state and federal level, guarding against conservative rhetoric, or challenging corporate political corruption of our legislative and electoral process – the 2016 NH Progressive Summit will confront the diverging paths forward and what we can do. Southern NH University. Please see the website [www.nhprogressivesummit.org](http://www.nhprogressivesummit.org) for details and registration.

**July 2 NHPA Annual Membership Meeting.** Join us at 10 am at the home of Lynn Chong and Rob Pearlman, 34 Wadleigh Rd., Sanbornton for our Annual Membership Meeting and Potluck Luncheon. We will have a speaker, conduct the Annual Meeting, elect officers for the coming year and socialize over a dizzying array of homemade goodies. You should have received a flyer for this, if not, email [doreen@nhpeaceaction.org](mailto:doreen@nhpeaceaction.org) or give us a call at 228-0559.

**July 9 Coalition for Open Democracy/NH Rebellion** is planning their annual walk to **Fight Big Money in Politics.** Save the date, the walk will begin at Portsmouth High School at 9 am and will end at Fort Constitution with a Rally at noon. To RSVP and for more details:[http://www.opendemocracynh.org/july\\_9](http://www.opendemocracynh.org/july_9)

**There will be a Nagasaki/Hiroshima Vigil on or about August 6. Details will be on the website when available.**

**September 10, 2016 Laconia Multicultural Festival** This is another great opportunity to talk to folks about peace, nonviolence and social justice. If you can help table, please call the office or email [doreen@nhpeaceaction.org](mailto:doreen@nhpeaceaction.org).

*Check out our website: [www.nhpeaceaction.org](http://www.nhpeaceaction.org) or call 603-228-0559 for more information about upcoming events.*

**Please notify the office (603-228-0559) ([info@nhpeaceaction.org](mailto:info@nhpeaceaction.org)) if you are going to be away, or if your address changes so that we can hold any mailings. (We pay first class return postage on undeliverable mail!)**

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