

Technologies of Consciousness



bringing peace and harmony to society and
restoring balance in the environment

Technologies of Consciousness
provide a proven, practical, and cost-effective way
to address the world's greatest challenges



Global Peace Alliance

An urgent need / An evidence-based solution

There is an urgent need for practical solutions to the most pressing problems facing humanity today.

Well-intended and costly efforts to reduce conflict and reverse negative trends in society largely have failed. These efforts do not address the underlying epidemic of individual and social stress that drives social conflict and violence, damages individual and public health, and impedes effective solutions to climate change.

Clearly, more of the same is not enough.

Technologies of Consciousness offer a new approach to address these persistent challenges. These technologies operate at a more fundamental level than the complex societal factors typically targeted. As a result, they quickly create positive, measurable results across a broad spectrum of indices.

The power of these Technologies of Consciousness for promoting peace and effecting broad societal change has been demonstrated in leading peer-reviewed scientific journals, in addition to other as-yet unpublished studies on climate change.

Importantly, the benefits of these technologies can be delivered as a service to the entire world with a few thousand experts using existing infrastructure for a fraction of the cost of inaction. As well, they can be deployed quickly and directly, thereby avoiding the normal bureaucratic, regulatory and market barriers that delay results.

Technologies of Consciousness represent a practical application of leading-edge theories that challenge common assumptions about the world as we know it. ***However, a full understanding of the mechanism of action is not a prerequisite to taking an intelligent risk to obtain large-scale and practical results.***

Please join us in changing societal trends and potentially mitigating the adverse effects of climate change on a global basis by supporting these evidence-based Technologies of Consciousness in a fast, flexible and highly cost-effective manner.

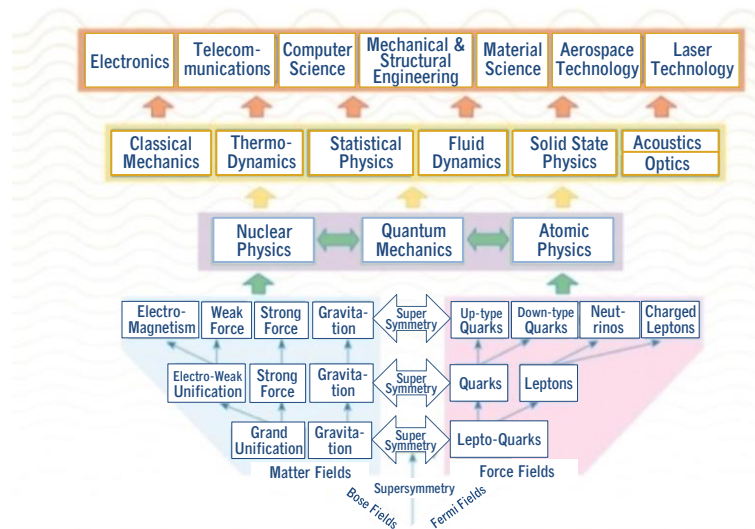
A Technology of the Unified Field

Advances in theoretical physics during the past quarter century have led to a progressively more unified understanding of the laws of nature, culminating in recent unified field theories based on the superstring. These theories locate a single, universal unified field of intelligence at the basis of all forms and phenomena in the universe. Millions of times more fundamental and more powerful than the nuclear force, the unified field is the ultimate source of the order displayed throughout the vast universe.

Superstring theory describes the unified field as a nonmaterial field of infinitely dynamic, self-interacting (self-aware) intelligence. Extensive published research demonstrates that human consciousness can systematically access and directly experience the unified field in the most expanded state of human awareness, known as 'pure consciousness.'

This experience of the unified field – pure consciousness – constitutes a fourth major state of human consciousness; physiologically and subjectively distinct from waking, dreaming, and deep sleep. The experience is marked by the onset of global EEG coherence and increased alpha power, indicating maximum orderliness of brain functioning and utilization of the total brain. This fourth state of consciousness is universally accessible through ancient, highly precise technologies of consciousness derived from the Vedic tradition of India.

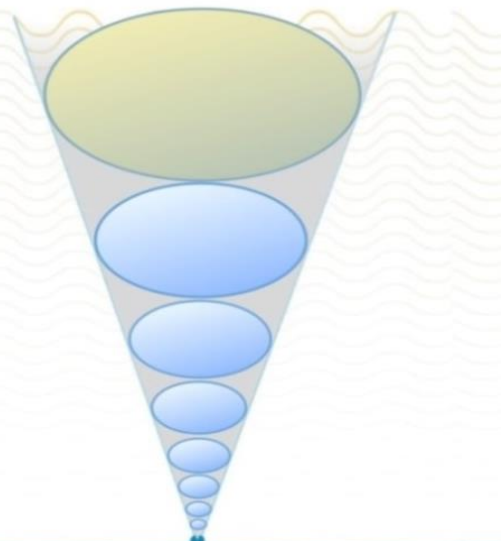
MATTER



Super Unification
UNIFIED FIELD
OF ALL THE LAWS OF NATURE



MIND



Pure Consciousness
UNIFIED FIELD
OF ALL THE LAWS OF NATURE

These technologies – including Transcendental Meditation and the more advanced TM-Sidhi program – have been revived in their purity and restored to their full potency by the renowned Vedic scholar Maharishi Mahesh Yogi, and further expounded by his successor Tony Nader, MD, PhD, MARR.

More than 600 studies conducted over the last 50 years have shown that the regular practice of the Transcendental Meditation and TM-Sidhi programs can dissolve deep-rooted stress in the individual, bringing about marked reductions in hypertension and lowering the incidence of stroke, heart disease, and other stress-related illnesses. Improvements in cognitive ability, creativity, athletic performance and moral reasoning have also been documented.

*"Scientific Research on
the Transcendental
Meditation Program:
Collected Papers,
Volumes 1 – 8"*



The Super-Radiance Effect

It is not surprising that reducing stress on the individual level leads to a corresponding reduction of stress on the societal level. More remarkable is the finding that a relatively small proportion of a population practicing these Technologies of Consciousness produces a disproportionate and demonstrable reduction in societal stress with its associated crime and social violence.

Repeated demonstrations have shown that when the Transcendental Meditation and TM-Sidhi programs are practiced in large groups, the increase in collective coherence creates an influence of orderliness and calm, which then enlivens those same qualities in the surrounding population. This is known as the Super-Radiance Effect – a quantum phenomenon seen in highly coherent systems.

The Super-Radiance Effect has now been confirmed by more than 50 studies including 23 peer-reviewed articles published in leading scientific journals. These studies have also verified the threshold for creating the effect: the square root of 1% of a given population. ***This quadratic formula is consistent with all field models and is a universal principle of wave behavior known as constructive interference.*** For example, the intensity of laser light grows as the square of the number of photons in the beam.



This means a group as small as 9,000 practitioners can positively impact the entire global population of 8 billion. Our goal – the creation and maintenance of large 'Super Radiance Groups' – is, therefore, an extremely practical, affordable and reliable methodology to dramatically change the course of life on earth by:

- reducing violence, crime, and societal stress
- reducing the incidence of war and acts of terrorism
- creating an environment for peace, security and economic stability
- mitigating environmental disasters associated with climate change

Most importantly, because this approach works from the most holistic level of nature – the unified field – it is not only more powerful than other technologies, it is inherently safe and free from negative side-effects.

"Consciousness is all there is"

Almost 100 years ago, Quantum Mechanics supplanted classical physics as the most successful paradigm to explain the nature and functioning of our physical world. Central to that seismic shift in scientific thought was the discovery that an observer can alter the form and behavior of sub-atomic particles, simply through the process of observation. Since then, the nature and role of human consciousness has been the subject of serious scientific inquiry.



Tony Nader,
MD, PhD, MAAR

Recently, Harvard and MIT-trained neuroscientist Tony Nader, who worked closely with Maharishi Mahesh Yogi for more than 20 years, has formulated the fundamental principles expressed in Maharishi's science of consciousness in an axiomatic framework of formal logic (Nader, 2015, 2021). Also, Dr. Nader (2000, 2012), working under the inspiration and guidance of Maharishi, has proposed relationships between the dynamics of consciousness as expressed in the Vedic literature and the structure and function of human physiology.

As brought to light by Maharishi from the ancient Vedic tradition of knowledge of consciousness and elaborated by Dr. Nader, consciousness is seen not as an emergent property of matter produced through the functioning of the human nervous system, but rather as fundamental in nature (Nader, 2021). Pure consciousness is viewed as the essential nature of life – an unbounded, unified field of pure intelligence, beyond space and time – which gives rise to all expressed values in the universe, both subjective and objective (Maharishi Mahesh Yogi, 1969; Nader, 2015, 2021). This field of nature's intelligence is described as the unified, transcendental source of all the laws of nature that govern the evolution of human life and the entire universe (Maharishi Mahesh Yogi, 1986, pp. 163–164; Nader, 2015, 2021).



"One Unbounded
Ocean of
Consciousness"

With the framework of logic provided by Dr. Nader, we now have greater insight into the mechanics behind the remarkable findings of the research into the Super-Radiance Effect discussed in the following pages.

Nader, T. (2000). *Human physiology: Expression of Veda and the Vedic Literature* (4th ed.). Vlodrop, the Netherlands: Maharishi Vedic University.
Nader, T. (2012). *Ramayan in human physiology: The structure and functions of the human physiology discovered in the eternal epic of the Vedic literature* (1st ed.). Fairfield, IA: Maharishi University of Management Press.
Nader, T. (2015). Consciousness is all there is: A mathematical approach with applications. *International Journal of Mathematics and Consciousness* 1(1), 1–65.
Nader, T. (2021). *One unbounded ocean of consciousness: Simple answers to the big questions in life* [eBook edition]. Aguilar.
Maharishi Mahesh Yogi. (1986). *Life supported by natural law*. Washington, DC: Age of Enlightenment Press.
Maharishi Mahesh Yogi. (1969). *Maharishi Mahesh Yogi on the Bhagavad-Gita: A new translation and commentary, chapters 1–6*. Baltimore, MD: Penguin Books.

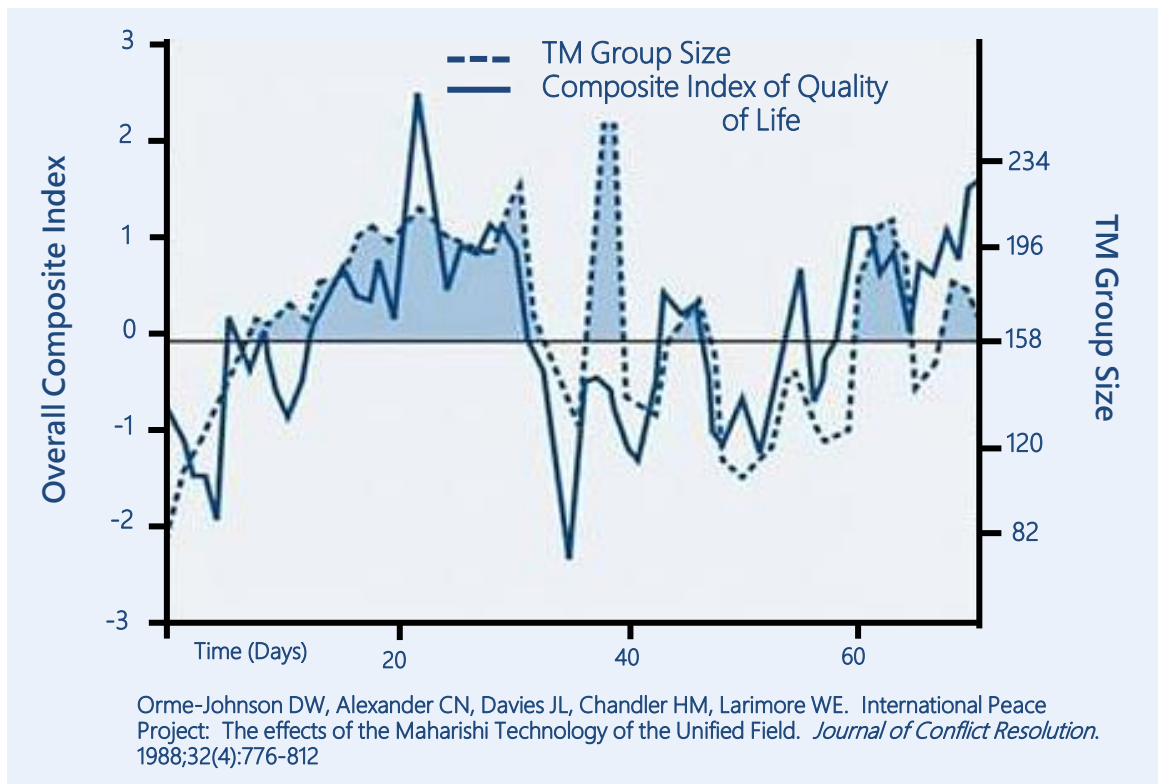
Scientific Research



on the societal
impact of the
Super-Radiance Effect

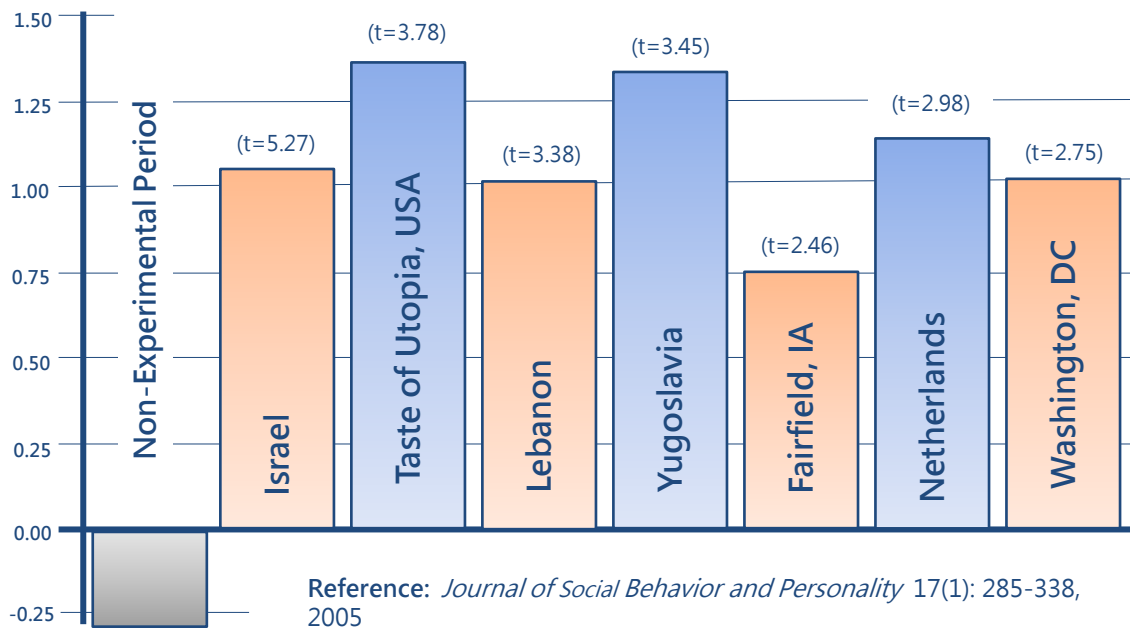
Creating Peace in the World

Super-Radiance Group Effect on the Quality of Life in Israel



A critical experimental test of the Super-Radiance effect was conducted during the peak of the Lebanon war. A day-by-day study of a two-month assembly in Israel in 1983 showed that, *on days when the number of participants in this unified field-based approach to peace ('TM Group Size') was high, war deaths in neighboring Lebanon dropped by 76%* ($p < 10^{-7}$).

In addition, crime, traffic accidents, fires, and other indicators of social stress in Israel (combined into a Composite Index) all correlated strongly with changes in the size of the Super-Radiance group. The study controlled for other possible causes of the correlation, including seasonality, weekends, holidays, weather, etc.

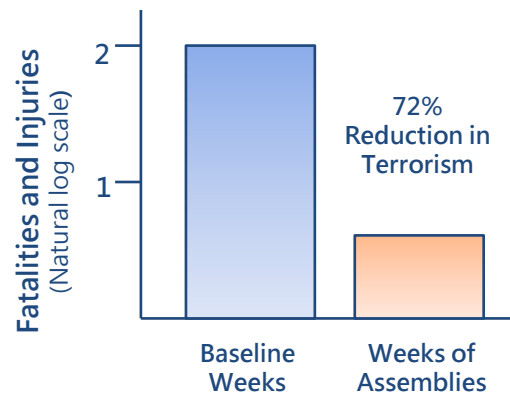


These results were subsequently replicated in seven consecutive experiments over a two-year period during the peak of the Lebanon war. The results of these interventions included:

- War-related fatalities decreased by 71% ($p < 10^{-10}$)
- War-related injuries fell by 68% ($p < 10^{-6}$)
- The level of conflict dropped by 48% ($p < 10^{-8}$)
- Cooperation among antagonists increased by 66% ($p < 10^{-6}$)

The likelihood that these combined results were due to chance is less than one part in 10^{19} , making this method of reducing societal stress and conflict the most rigorously established phenomenon in the history of the social sciences. In addition, the global influence on terrorism of three large Super-Radiance assemblies was studied retrospectively through an analysis of data compiled by the Rand Corporation. ***The data revealed a 72% reduction in worldwide terrorism during the three assemblies taken together as compared to all other weeks during a two-year period.***

Each assembly approached or exceeded the predicted participation threshold (the square root of 1% of the population of Lebanon) necessary to create an influence of peace in the ongoing conflict in Lebanon. The study ruled out the possibility that this reduction in terrorism was due to cycles, trends or drifts in the measures used, or to seasonal changes.

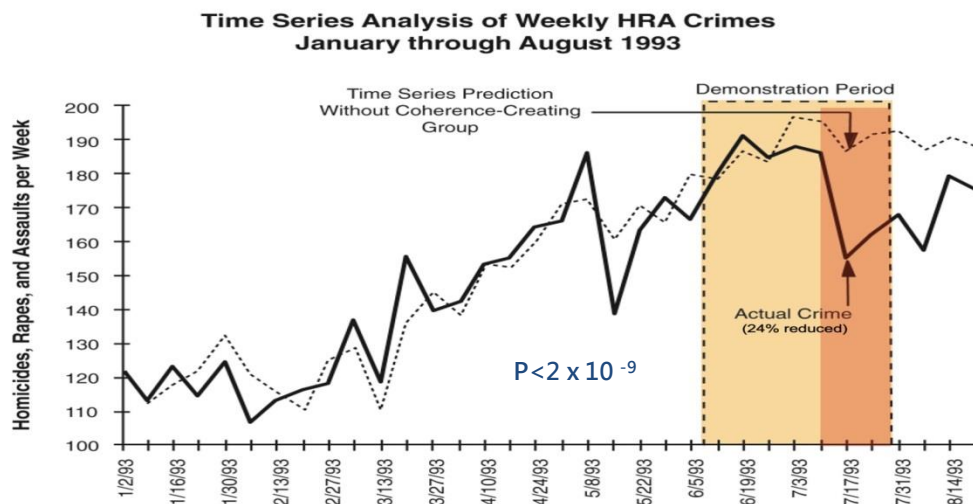


Creating Peace in the United States

A lasting world peace is only possible when all nations enjoy peace within their own borders. Because the United States plays such an influential role in the family of nations, our mandate includes the provision to create and maintain peaceful, harmonious national consciousness in the U.S. through support of a 2,500 person-strong Super- Radiance group.

Today, the U.S. is plagued by partisan politics, racial tension, economic disparities and social unrest that prevent the country from achieving its immense potential. However, we have seen dramatic proof that it is possible to reverse these negative trends.

Decreased Crime in Washington, DC



Reference. Hagelin JS, Rainforth MV, Orme-Johnson DW, Cavanaugh KL, Alexander CN, Shatkin SF, et al. Effects of group practice of the Transcendental Meditation program on preventing violent crime in Washington D.C.: Results of the National Demonstration Project, June-July, 1993. *Social Indicators Research*. 1999; 47(2):153-201.

A national demonstration of the Super-Radiance effect was conducted from June 7 to July 30, 1993 in Washington, DC to test the efficacy of the program in reducing crime and social stress and improving the effectiveness of government.

In this carefully designed, prospective social experiment, the Super-Radiance group increased from 800 to 4,000 over a two-month period. ***Although violent crime had been steadily increasing during the first five months of the year, soon after the start of the study, violent crime (measured by FBI Uniform Crime Statistics) began decreasing and continued to drop until the end of the experiment (maximum decrease 23.3%), after which it began to rise again.***

The Washington Post

For more on this story, visit washingtonpost.com



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House approves US-Canada-Mexico Trade Pact

Clinton scores major trade victory with 234-200 House vote

BY BARTON GELMAN AND LAURA POITRAS
The National Security Agency and the FBI are tapping directly into the central servers of nine leading U.S. Internet providers to extract e-mails, connection logs that enable analysts to track foreign targets, according to a top-secret document obtained by The Washington Post. The program, code-named

PRISM, has not been made public until now. The NSA prides itself on stealing secrets and breaking codes, and it is accustomed to corporate partnerships that help it do so. But this time, it is sidestepping those partnerships, and it is unlikely that there are richer troves of valuable intelligence than the ones in Silicon Valley. Equally unusual is the way the NSA extracts what it wants, according to the document: "Collec-

tion of data is done directly from the servers of U.S. Service Providers: Microsoft, Yahoo, Google, Facebook, PalTalk, AOL, Skype, YouTube, Apple."

PRISM was launched from the ashes of President George W. Bush's secret program of warrantless domestic surveillance in 2007, after news media disclosures, lawsuits and the Foreign Intelligence Surveillance Court forced the president to look for new authority.

Congress obliged with the Protect America Act in 2007 and the FISA Amendments Act of 2008, which immunized private com-

NSA CONTINUED ON A12



Defense and criticism

Lawmakers have spotted red flags to the revelations regarding the NSA's program to collect data from phone and Internet records. **A1**

Online coverage

A graphic explains key bits of the PRISM collection program.

Agency knows much about public, but we know little about it

BY ANNE GEARAN

The National Security Agency, nicknamed "No Such Agency" because of its ultra secrecy, is the government's eavesdropper in chief.

Charged primarily with electronic spying around the globe, the NSA collects billions of pieces of intelligence from foreign phone calls, e-mail and other communications. But in the past two days, the focus has shifted to its role in compiling massive amounts of the

same information on millions of ordinary Americans.

Regarded as the most secretive of the nation's intelligence agencies, the NSA is part of the military but answers to the director of national intelligence. Its major operations are housed in ultra-secrecy at Maryland's Fort Meade Army base, the site of the court-martial of Pfc. Bradley Manning, who is charged with stealing government electronic communications and passing them to the anti-secrecy organization WikiLeaks.

The agency is so secretive that estimates of the number of employees range from the official

SECRECY CONTINUED ON A13

The Clinton Administration has revived Washington has relaxed

By Sally Quinn

But such a swift reversal of political fortune is not easy to account for... (One) may logically wonder whether Clinton really turned things around or if something else is going on... **Somehow, as if magically from Heaven, a calm has descended on this city.**

"What a difference a week makes..."

Clinton Administration has revived Washington has relaxed

By Sally Quinn

MOUNT HAZEKI, ISRAEL — Fearful that the Syrian civil war, al-Qaeda terrorists or Lebanese Hezbollah fighters will spill into Israel, the country's military engineers are ordered to reassemble

intimidating fortifications and major barriers. The forces are concentrating on the 45-mile fence in the coming months. Israel will have taken another big step in surrounding itself with barriers. Rather than tearing down old walls, Israel is rebuilding and bolstering its ring of ground fortifications, even as old threats such as Palestinian suicide bombers have receded.



The likelihood that this result could be attributed to chance variation in crime levels was less than two parts per billion. The drop in crime could not be attributed to other possible causes, including temperature, precipitation, weekends and police and community anti-crime activities.

This relationship between implementation of these Technologies of Consciousness and reduced crime at the city, state and national levels has been verified repeatedly in peer-reviewed published scientific studies. The first published study covered 25 U.S. cities and was eventually expanded to include 160 cities and 80 Standard Statistical Metropolitan Areas, comprising almost half the U.S. urban population.

In addition to the sharp reduction in crime seen in the Washington, DC study, there were significant benefits for the city and for the country as a whole. ***For area residents, there were statistically-significant reductions in psychiatric emergency calls, drug-related deaths, accidental deaths and emergency room trauma cases.***

Government legislation that had been stalled for months in the senate unexpectedly passed with bi-partisan support. The approval rating for President Clinton – at an all-time low of 37% just two days before the demonstration started – immediately began to rise, reaching an annual high of 56% in late September.

“...we have to take these studies seriously.”

"In the studies that I have examined on the impact of the Maharishi Effect [the Super-Radiance Effect] on conflict, I can find no methodological flaws, and the findings have been consistent across a large number of replications in many different geographical and conflictual situations. As unlikely as the premise may sound, I think we have to take these studies seriously."

***- Ted Robert Gurr, Ph.D.,
Emeritus Professor of Government and Politics,
University of Maryland***

Additional Social Benefits – Improved economic trends

As the body of research on the Super-Radiance effect grows, we continue to find new areas of social life that are impacted by the holistic nature of this unified field-based technology. One of these areas is the economy, where psychological factors like consumer confidence and investment climate are continually at play. While there are no peer-reviewed published studies specifically looking at stock market performance, several long-term studies published in "Proceedings of the American Statistical Association" showed that Super-Radiance groups are associated with significant reductions in the *Misery Index* (measuring a combination of inflation and unemployment.)



Super-Radiance Group in the U.S.

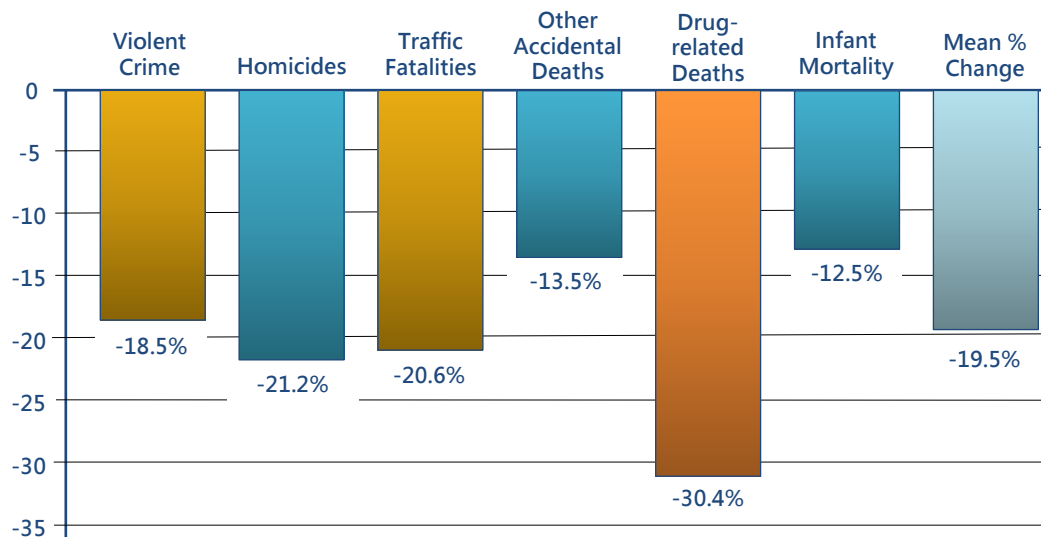
2006 - 2014

Super-Radiance Group in the U.S. – Research: 2007-2010

The longest experiment on the Super-Radiance effect conducted in the United States took place from 2006 to 2014. During this period the requisite Super-Radiance number (the square root of 1% of the U.S. population) was approximately 1,725. The group participating in this program maintained these numbers from 2007 – 2010, and the results of the rigorous analysis of the impact of this experiment were published in *SAGE Open*, the *Journal of Consciousness Studies* and the *Journal of Health and Environmental Research*. **These studies concluded that during the period of analysis, over 186,000 violent crimes were averted and over 71,000 lives were saved from a variety of causes. The investment required to achieve these results was later calculated to be just \$226 per crime averted and \$588 per life saved.**

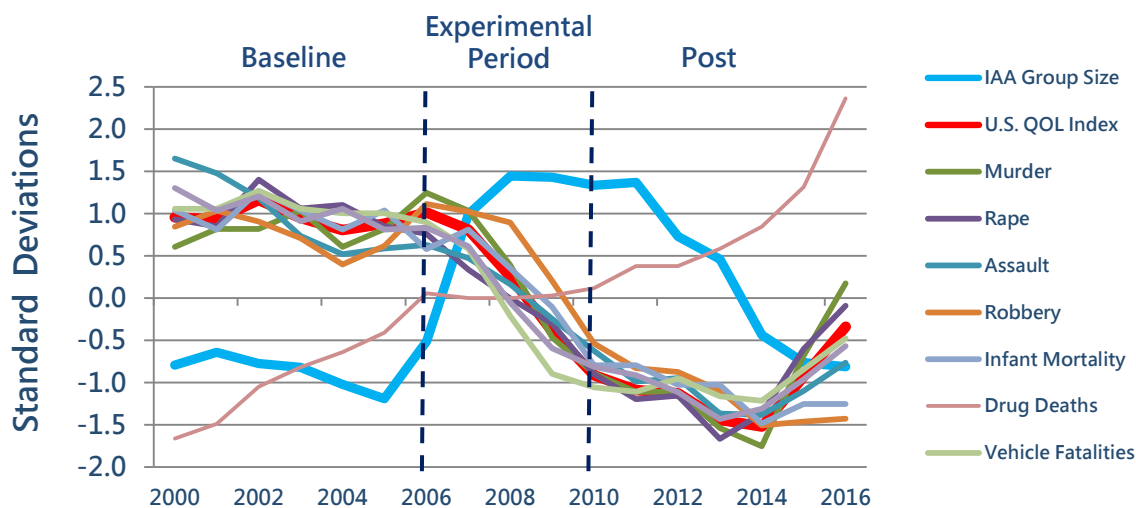
These studies show that the effect of the Super-Radiance group is holistic – improving many areas of society simultaneously. This confirms that the technology functions at a very fundamental level of social behavior, providing benefits to all areas of society.

Cumulative Reduction in U.S. Crime & Fatalities 2007 - 2010



References. Dillbeck MC, Cavanaugh KL. 2016. Societal violence and collective consciousness: Reduction of U.S. homicide and urban violent crime rates. *SAGE Open*, 6(2), 1-16. Cavanaugh KL, Dillbeck MC. 2017. The contribution of proposed field effects of consciousness to the prevention of U.S. accidental fatalities: Theory and empirical tests. *Journal of Consciousness Studies*, 24(1-2), 53-86. Dillbeck MC, Cavanaugh KL. 2017. Group Practice of the Transcendental Meditation® and TM-Sidhi® program and reductions in infant mortality and drug-related death: A quasi-experimental analysis. *SAGE Open*, 7(1), 1-15. Cavanaugh KL, Dillbeck MC. 2017. Field effects of consciousness and reduction in U.S. urban murder rates: Evaluation of a prospective quasi-experiment. *Journal of Health and Environmental Research*, 3(3-1), 32-43.

Group Size and U.S. Quality of Life Indices



Orme-Johnson, D. W., Cavanaugh, K. L., & Dillbeck, M. C., Goodman R. (2021). Field Effects of Consciousness: A seventeen-year study of the effects of group practice of the Transcendental Meditation and TM-Sidhi Programs on improving the quality of life in the United States. *(in review)*

It is important to note in the chart above that the benefits began almost immediately upon the formation of the Super-Radiance group. Unfortunately, these positive trends just as quickly reversed, once the numbers of participants in the program fell beneath the requisite Super-Radiance number. This underscores the critical need to establish these programs on a permanent basis.

Super-Radiance Group in the U.S. – Research 2007 - 2014

| Index of Social Stress Incidents | Reduction from Forecast Value based on previous trends | Percent Reduction | Avg. Cost per Crime Avoided and Life Saved | Social Stress Incident Reduction per Participant |
|----------------------------------|--|-------------------|--|--|
| Incident: | | | | |
| ▪ Assault | (949,049) | 11.00 % | | 511 |
| ▪ Robbery | (484,710) | 12.00 % | | 261 |
| ▪ Rape | (53,356) | 6.00 % | | 29 |
| ▪ Child Injury | (158,518) | 18.00 % | | 85 |
| Total | (1,645,633) | | \$ 45.60 | 886 |
| Deaths: | | | | |
| ▪ Vehicle Fatality | (95,885) | 21.00 % | | 52 |
| ▪ Drug-related | (79,940) | 15.00 % | | 43 |
| ▪ Infant Mortality | (6,911) | 3.00 % | | 4 |
| ▪ Murder | (28,553) | 16.00 % | | 15 |
| Total | (211,289) | | \$ 355.18 | 114 |

Impacting Climate through Technologies of Consciousness

Underlying Mechanism and Scientific Plausibility

Is it plausible, or even conceivable from a scientific perspective, that a large group of individuals engaged in a specific practice could affect severe weather events?

Succinctly stated, yes. Climate is a highly complex, nonlinear phenomenon involving interactions among quadrillions of molecular subconstituents (i.e., air molecules). Such physical systems are understood by, and governed by, the science of Nonlinear Dynamical Systems Theory, more popularly known as Chaos Theory.

The long-term behavior of highly complex systems like weather is unpredictable. (For example, will it rain in Paris in 40 days?) This is because even infinitesimal differences in initial conditions anywhere on earth today will grow to become major differences in weather patterns throughout the world roughly two weeks later.

This acute sensitivity to infinitesimal changes in initial conditions is the origin of a remarkable principle known as the "Butterfly Effect," which states that even the random flicker of a butterfly's wing can, and probably will, have a major (yet unpredictable) impact on weather events all across the world a few weeks later.

The conclusion to be drawn is that a large group of individuals engaged in any activity – or indeed even a single individual – not only can, but inevitably will, cause or prevent a hurricane or other major weather event somewhere on Earth.

In a sense, this places an awesome responsibility on every human being, as we are all, individually and collectively, causing or preventing potentially dangerous weather events everywhere. The reason this responsibility does not weigh heavily on us is because we cannot predict what actions will generate what results.

However, although chaos theory cannot predict the enormous consequences of our each and every action, there are long-held, time-honored beliefs that, in general, righteous actions – actions in tune with the evolutionary purposes of nature – lead to consequences that are good for the actor, and good for society.

The key point here is that, according to our current understanding of weather - based on Nonlinear Dynamical Systems Theory – it is easy to see how a group as small as several hundred people can, and almost inevitably will, have a major effect on weather. The only question is, will that effect be good, or bad?

Fortunately, today there is a growing body of research to show that the effects of the collective practice of specific Technologies of Consciousness, derived from some of the world's most revered, time-tested traditions, are indeed capable of creating a powerful, positive, protective effect against severe weather events. That research, in its current state, is presented in the following pages.

Mitigating environmental disasters resulting from climate change



Drought

Note:

The assessment of the results of the following climate demonstrations is preliminary and has not been peer-reviewed or published in scientific journals.

Ending drought and bringing peace to Mozambique: 1993-1994

In 1993 and 1994, these Technologies of Consciousness were implemented in the country of Mozambique *at the request of the Government of Mozambique*. The stated purpose and predicted results of this demonstration were to increase balance in nature and improve the national quality of life.

The Government recognized the following benefits from the demonstration. *

- ***Unexpected rains ended the worst drought of the century***
- Peace was stabilized after 16 years of civil war
- Economic growth surprisingly surged by 19%
- Crime rate declined unexpectedly by 20%
- Fatalities from auto accidents decreased despite increased driving

"In our genuine search for possible solutions to the severe problems facing the country, individuals at high levels in our country's hierarchy began the practice of the Transcendental Meditation program. After serious and critical study of this and related technologies that were being offered, the Joint Chiefs of Staff of the Armed Forces decided to implement these programs within the Armed Forces."

- Lt. General Tobias Dai
Former Commander of the
Mozambique Army



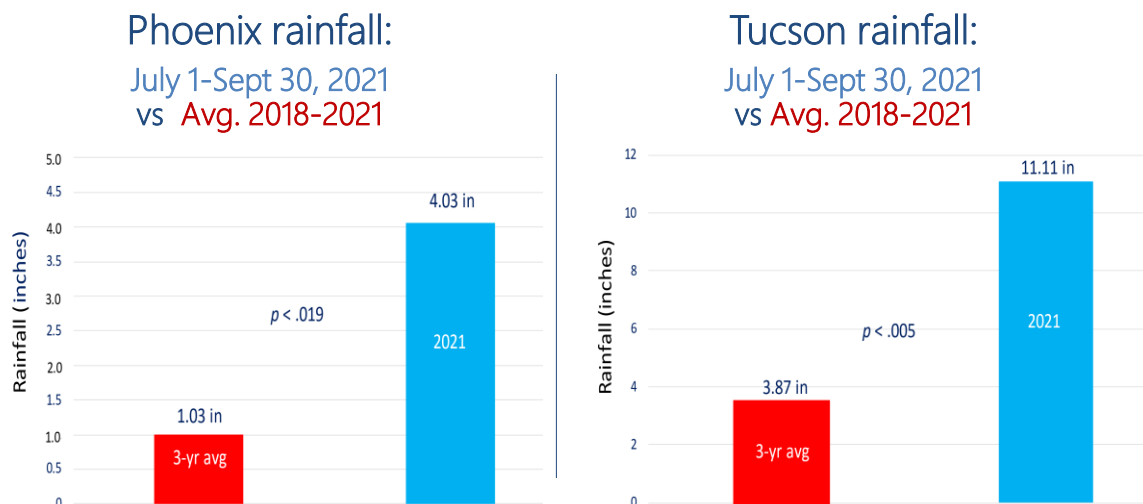
World Peace Group
"Mozambique
Transformation"



* Lt. General Tobias Dai. (2011). Maharishi's formula for a prevention wing in the military – Applied and found successful in Mozambique: Case Study, 1993-1994. In R. Goodman & W. Sands, Eds., *Consciousness-based Education and government* (pp.447-453). Maharishi University of Management Press. (See also www.GUSP.org, "Scientific Solutions to Violence and Global Conflict" - National Implementation)

Mitigating Drought in Arizona: 2021

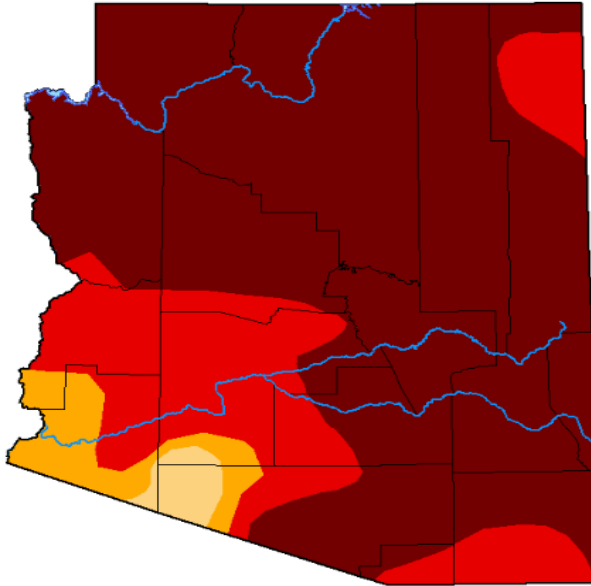
In 2021, several individuals requested the use of the Technologies of Consciousness to mitigate the drought and wildfires in the Western United States. The first demonstration was designed to mitigate the drought in Arizona. Immediately following the implementation of the Technologies of Consciousness, there was an increase in rainfall throughout Arizona which significantly mitigated the multi-year drought.



In December 2020, 72.69% of the state of Arizona was experiencing 'Exceptional Drought' and 93.86% of the state was experiencing 'Extreme and/or Exceptional Drought.'

Significant rains began in Arizona immediately upon implementation of the demonstration project in July of 2021. ***In December 2021, the percentage of Arizona experiencing 'Exceptional Drought' was 0.0% and the percentage of the state that was experiencing 'Extreme and/or Exceptional Drought' was 8.95%.*** These dramatic reductions in drought conditions are easily seen in the graphs produced by the National Oceanic and Atmospheric Administration ("NOAA") on the opposite page.

U.S. Drought Monitor Arizona



December 29, 2020
(Released Thursday, Dec. 31, 2020)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

| | None | D0-D4 | D1-D4 | D2-D4 | D3-D4 | D4 |
|---|-------|--------|--------|-------|-------|-------|
| Current | 0.00 | 100.00 | 100.00 | 98.34 | 93.86 | 72.69 |
| Last Week 12-22-2020 | 0.00 | 100.00 | 100.00 | 98.34 | 93.86 | 72.69 |
| 3 Months Ago 09-29-2020 | 0.00 | 100.00 | 100.00 | 93.97 | 69.95 | 3.37 |
| Start of Calendar Year 12-31-2019 | 70.37 | 29.63 | 23.00 | 16.73 | 0.00 | 0.00 |
| Start of Water Year 09-29-2020 | 0.00 | 100.00 | 100.00 | 93.97 | 69.95 | 3.37 |
| One Year Ago 12-31-2019 | 70.37 | 29.63 | 23.00 | 16.73 | 0.00 | 0.00 |

Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

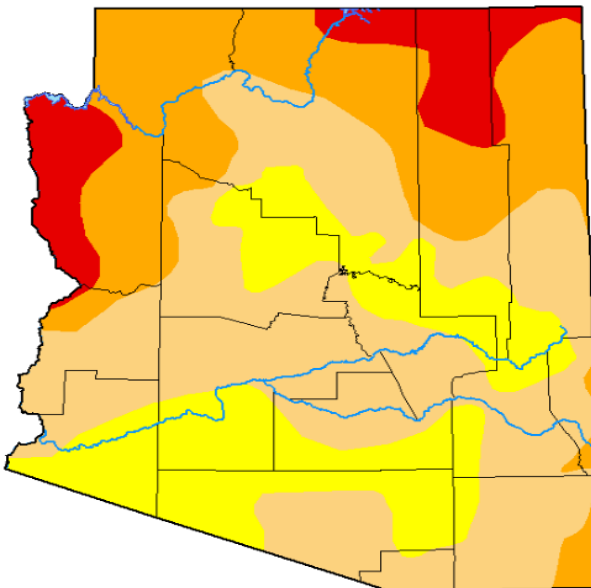
Author:

Adam Hartman
NOAA/NWS/NCEP/CPC



droughtmonitor.unl.edu

U.S. Drought Monitor Arizona



December 21, 2021
(Released Thursday, Dec. 23, 2021)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

| | None | D0-D4 | D1-D4 | D2-D4 | D3-D4 | D4 |
|---|------|--------|--------|-------|-------|-------|
| Current | 0.00 | 100.00 | 76.93 | 34.11 | 8.95 | 0.00 |
| Last Week 12-14-2021 | 0.00 | 100.00 | 76.80 | 34.08 | 8.89 | 0.00 |
| 3 Months Ago 09-21-2021 | 0.00 | 100.00 | 86.84 | 40.02 | 13.69 | 0.00 |
| Start of Calendar Year 12-29-2020 | 0.00 | 100.00 | 100.00 | 98.34 | 93.86 | 72.69 |
| Start of Water Year 09-28-2021 | 0.00 | 100.00 | 80.38 | 40.02 | 13.69 | 0.00 |
| One Year Ago 12-22-2020 | 0.00 | 100.00 | 100.00 | 98.34 | 93.86 | 72.69 |

Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

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droughtmonitor.unl.edu

Mitigating environmental
disasters resulting from
climate change



Forest Fires

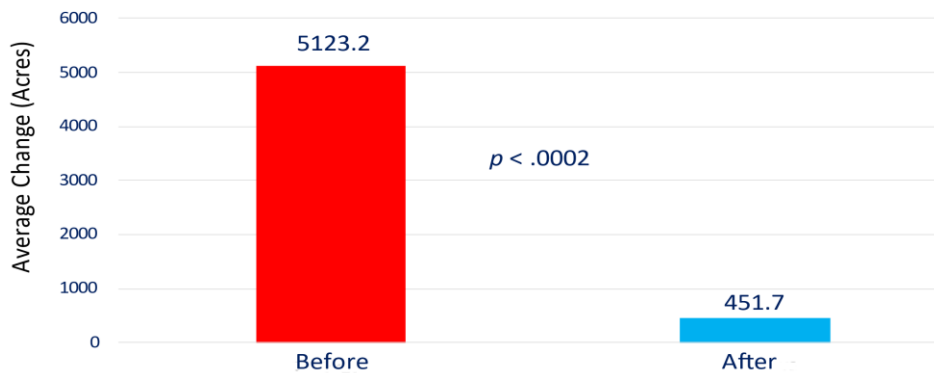
Bringing Relief to California: 2021

Demonstration to mitigate drought and extinguish wildfires

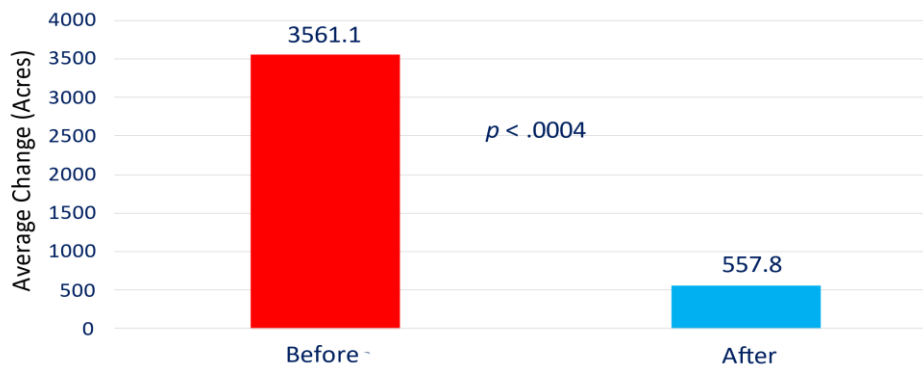
Based on the results of the demonstration to mitigate drought in Arizona, another demonstration of the dramatic power of the Technologies of Consciousness was organized specifically to extinguish two fires (Windy fire and KNP Complex fire) that were endangering the giant Sequoia groves in California. The demonstration was also specifically designed to mitigate the drought giving rise to the fires.

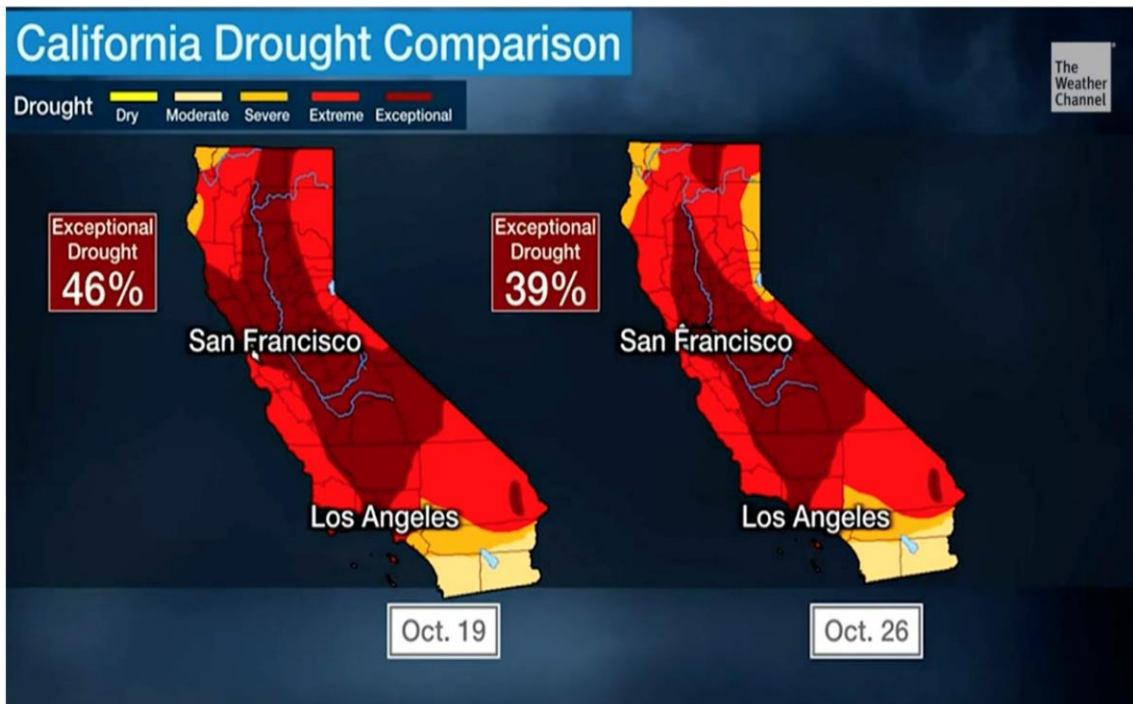
The daily change in acres burned for each fire diminished significantly after the implementation of the Technologies of Consciousness.

Windy Fire: Significant Reduction in the Average Daily Change in Acres Burned Before and After Implementation of Technologies of Consciousness



KNP Complex Fire: Significant Reduction in the Average Daily Change in Acres Burned Before and After Implementation of Technologies of Consciousness





In the days after the demonstration project was implemented, California experienced record rainfall and snow, which became the subject of many news reports and articles. The record rainfall and snowfall within one week resulted in an immediate reduction in the level of 'Exceptional Drought.'

The Washington Post

Historic Rain and Snow Begin to Refresh California Lakes and Mountains

"An atmospheric river dropped 8 trillion gallons of water on California, making a small dent in the drought... California will need at least another three storms of similar magnitude (or better 5-7 storms of lesser magnitude) to achieve the long-term average precipitation," [hydrologist Helen] Dahlke said. "Ideally we do need more than the annual average to make up the deficit of the last two years."

Drenching Rain Set to Bring California Fire Season Closer to End

By Brian K. Sullivan | October 20, 2021

A river from the sky is about to wash over California and the Pacific Northwest and it could bring some relief from the fire season that has charred millions of acres across the West.

Bloomberg

The first large atmospheric river of the season is about to pump heavy rain and deep snow across Northern California and the Pacific Northwest. The series of powerful Pacific storms that will splash through drought-parched and fire scarred regions of the West is raising the specter of mudslides and flooding from Friday.

"According to the U.S. Drought Monitor, 99.6 percent of California is in some degree of drought. But the percentage where drought is rated "extreme" or "exceptional" has fallen drastically since last summer, to a little more than 1 percent from nearly 90 percent." - New York Times, February 23, 2022

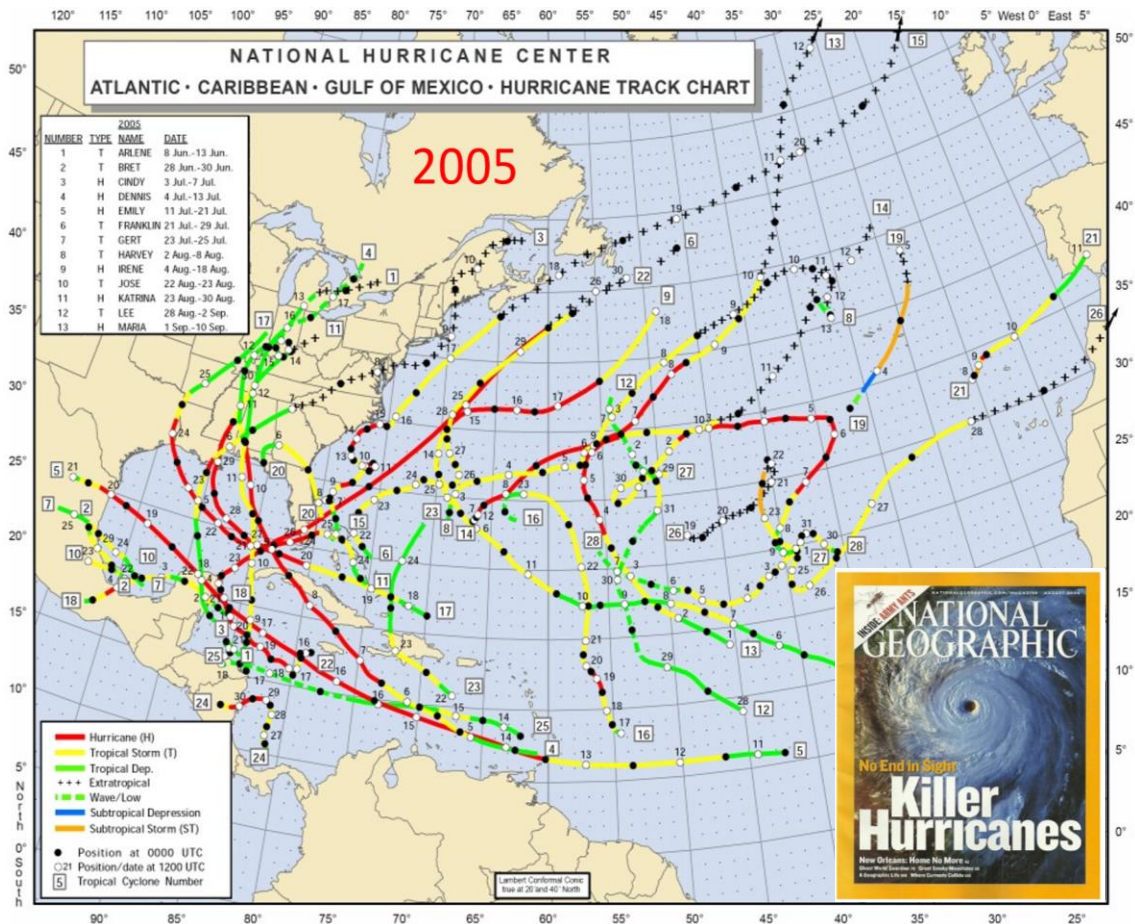
Mitigating environmental
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Hurricanes

Reducing the number of hurricanes impacting the U.S.: 2006-2010

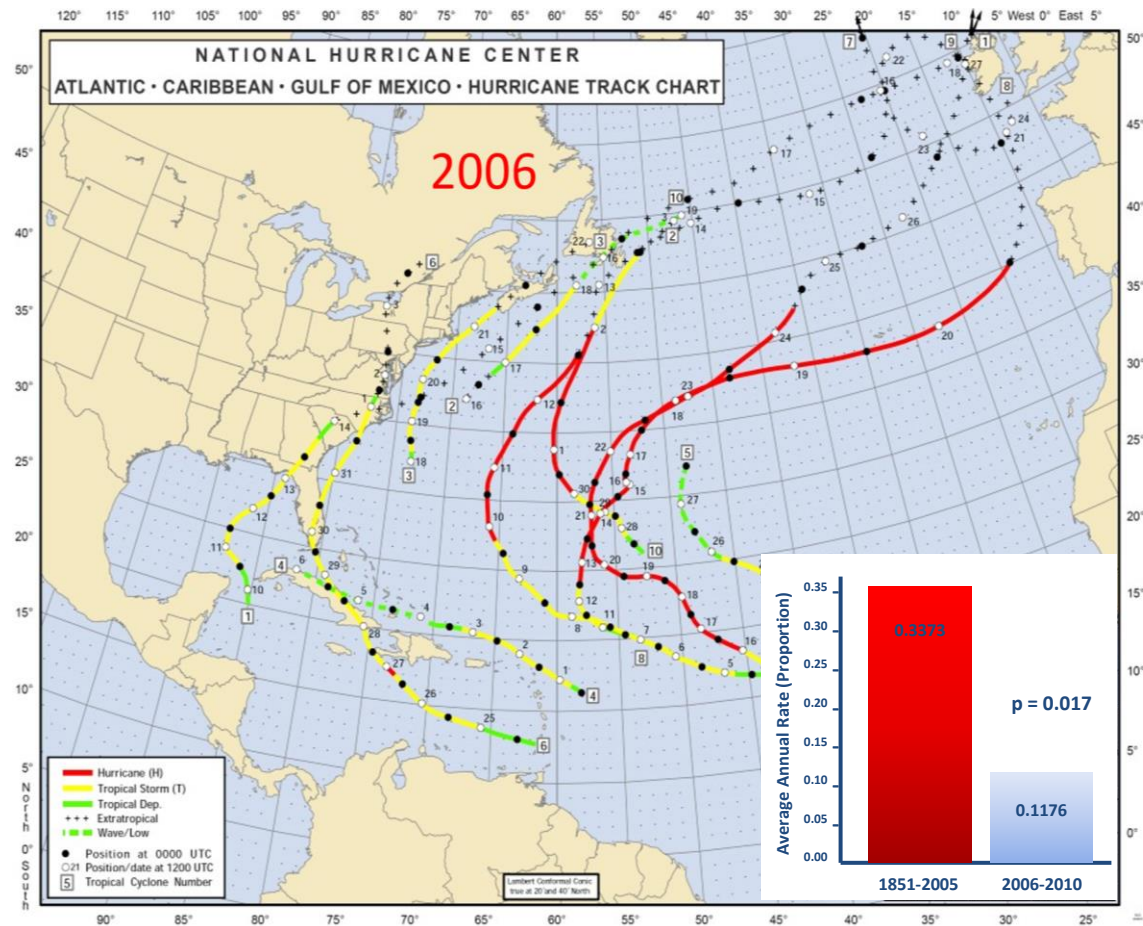
An unusual number of hurricanes struck the U.S. in 2004 and 2005, with 6 hurricanes (3 major) in 2004 and 5 hurricanes (4 major) in 2005. The 4 major hurricanes that hit the U.S. in 2005 were the most since 1851, the first year of reliable data. Hurricane Katrina in 2005 caused damage of more than \$100 billion and resulted in 2,280 deaths.



After these two disastrous years, experts predicted another intense hurricane season in 2006, based on the fact that the North Atlantic had experienced well above historical average hurricane activity since 1995.

In July 2006 a private individual requested the implementation of the Technologies of Consciousness to bring balance to nature and to improve the overall quality of life in the United States. This demonstration involved over 2,000 individuals in a Super-Radiance group located in Fairfield, Iowa including over 1,000 Vedic experts performing additional Technologies of Consciousness.

Contrary to the predictions, the number of hurricanes making landfall in 2006 unexpectedly dropped to zero (see red lines in the graph below showing hurricane paths). This represented the largest drop from one hurricane season to the next since 1916-1917. 2006 was the only time since 1851 that the number of major hurricanes hitting the U.S. dropped from four to zero.



The first five years of the demonstration (2006 - 2010) is the only 5-year period since 1878 that no hurricanes made landfall along the Florida peninsula or U.S. East coast.

Although 4 minor hurricanes (category 1 or 2) hit the U.S. during this 5-year period, no major hurricanes (category 3, 4, or 5) struck in 2006-2010. *This is the only time that no major hurricanes hit the U.S. for 5 consecutive years since 1910-1914.*

Scientists from around the world support the Technologies of Consciousness and call for immediate implementation to meet the urgent need of our time



The Global Union of Scientists for Peace is an emerging force in the prevention of terrorism, war, and social violence through the application of cutting-edge, field-tested solutions in the areas of conflict resolution, national security, and global peace.



GUSP Founding and Mission

The Global Union of Scientists for Peace (GUSP) arose from the ashes of the failed Nuclear Non-Proliferation Treaty (NPT) Review Conference in 2005. This diplomatic breakdown underscored the political world's dangerous addiction to weapons of enormous destructive power – weapons that threaten the existence of the human race and other planetary species.

Alarmed and frustrated by the NPT stalemate, many conference participants, including foremost scientists and leaders most cognizant of the true consequences of nuclear weapons, converged to launch the Global Union of Scientists for Peace – a global counter-initiative to stop the spread of nuclear weapons and to support alternative, peaceful means of conflict resolution.



GUSP.org

Today GUSP has become a driving force in international efforts to prevent terrorism and war and to promote global peace. The mission of GUSP is fourfold:

- Stop the spread of nuclear and other weapons of mass destruction
- Reduce the heavy reliance on violent means of conflict resolution
- Prevent the buildup of societal tensions that lead to terrorism and social conflict
- *Research and promote the use of evidence-based, nonviolent approaches to preventing conflict, promoting national security, and achieving global peace*

"The Global Union of Scientists for Peace strongly endorses the evidence-based, extensively field-tested Technologies of Consciousness employed by the Global Peace Alliance. These technologies have been scientifically validated for their effectiveness and cost-effectiveness in reducing crime, violence, terrorism and war. They have been the focus of extensive published, peer-reviewed research, and have been endorsed by scores of eminent scientists and world leaders. Collectively referred to by GUSP as the *Brain-Based Approach to Peace*, they are based on the latest discoveries in physics, physiology, and neuroscience and have repeatedly been shown to create lasting peace – even in war-torn areas such as the Middle East. When permanently implemented on a national and global scale, they have the potential to completely transform the very turbulent and vulnerable state of world affairs today."



John Hagelin, Ph.D.
International President,
Global Union of
Scientists for Peace

Now is the time to implement evidence-based solutions to address rising domestic and international tensions and rapidly increasing threats from climate change

The evidence available in support of the practical use of the Technologies of Consciousness is compelling. *There have been 50 studies, including 23 peer-reviewed studies published in prestigious journals, demonstrating the effectiveness of the Technologies of Consciousness in dramatically improving a wide variety of negative trends in society.*

As noted earlier, the results of the most recent demonstrations of the Super-Radiance effect on weather and climate have not been peer reviewed or published in scientific journals. Unlike peer-reviewed published Super-Radiance studies on changes in crime and other social indicators, for which evidence for a causal influence is strong, these preliminary demonstrations on weather and climate are consistent with causality but they require peer review and further investigation of possible alternative explanations. Nevertheless, it is clear that in every case the results achieved were in line with the goals and predicted outcomes of the demonstrations. *These additional demonstrations strongly indicate that Technologies of Consciousness may also be a powerful tool to mitigate environmental disasters resulting from climate change.*

Finally, with the publication of his articles and the book, "One Unbounded Ocean of Consciousness," Dr. Tony Nader has provided a powerful, comprehensive scientific theory of consciousness and its practical applications to solving a sweeping range of hard problems in philosophy, science and society.

Taken together, the results of prior research and the advancement of a predictive theory of consciousness provide the opportunity to mitigate many of the greatest challenges facing humanity today. *These include reducing and preventing violent political differences, threats of conflict between countries, poverty and hunger, world-wide pandemic and the detrimental effects of climate change.*

Traditional approaches to resolving these problems have failed repeatedly. We need a new approach based on a new paradigm. We cannot wait to undertake additional demonstrations in order to collect more data. Now is the time to act on the evidence we currently have in hand.

It is, therefore, logical and, one could say, imperative that these technologies be implemented immediately on a wide scale and on a permanent basis.

A Better World In perpetuity



global peace and prosperity
national invincibility
environmental balance



Global Peace Alliance