

# The Warming World

## Rising Temperatures, Rising Tides, Rising Turbulence

The Santa Fe World Affairs Forum – 2020 Symposium, April 16-17, 2020  
at the Santa Fe Community College, Santa Fe, New Mexico



**Scientific study after study demonstrates** the enormity of the impact of climate change on earth's biosphere. These changes range from the Arctic's melting icecap and the desertification of parts of Africa to rising sea levels submerging Pacific islands and parts of populous countries like Bangladesh. The increase and intensity of typhoons in Asia and hurricanes in the Caribbean, wildfires in California and Indonesia as well as melting ice, changing trade routes and new security threats in the Arctic are all part of this manmade phenomenon.

Some of this story plays out in 24/7 news - but much more does not. What do we know about the national security impact of climate change and how US military planners are attempting to prepare for it? What about its relationship to the increasing flows of migrants uprooting and risking their lives to cross continents, borders, rivers and seas in search of safe havens often to be met by hostility, indifference and uncertain futures? What about the spread of disease and the possibility of pandemics we have yet to discover? How can we address technological impediments to climate change mitigation? Finally, why are even the governments of countries which have been on the forefront of climate mitigation, unable to move to a new economy based on alternative energy?

If we've known for years about the warming world, why hasn't more been done to try to slow or deter its worst effects? Many people now understand that climate change is, foremost, driven by rising carbon dioxide and other greenhouse gas levels from human activities such as the burning of fossil fuels such as coal, oil, and natural gas and current agricultural practices like raising livestock and clearing land resulting in changes in our atmosphere leading to warming of the planet. But are major impediments exclusively from oil and coal companies trying to preserve the bottom-line? Are infrastructure and unemployment fears also holding us back? Are new technologies available or on the horizon to help mitigate the worst effects of the earth's rapid warming?

The impact of global warming is not just an issue for scientific researchers, for military planners confronting the next national security threat or for energy company executives preserving short term profits. It is more critically an issue that directly affects our lives and the future of our children.

**Dealing with the New Normal:** Climate change is global. Rising temperatures respect no national boundaries. This is the new (ab)normal. As such it presents complex transnational problems. It is an ever shifting calculus. It requires involvement from all levels of government, international organizations, large corporations, local city councils, small startups, researchers, teachers, students and all citizens of planet earth to begin to cope with this heretofore silent crisis.

This symposium will explore the interrelated issues of coping with the warming world from the vantage points of national security, economic viability, health and human welfare.

### **SPEAKERS & TOPICS:**

**SFCC President Rebecca Rawley** will open the symposium on April 16 and **Santa Fe Mayor Alan Webber** will open the symposium on April 17.

Ambassador **John Lange** (Rtd), Senior Fellow for Global Health Diplomacy, UN Foundation “From Climate Change to Pandemics to Biosecurity Threats: The Importance of Global Health Security;”

Ambassador **Vicki Huddleston** (Rtd), US diplomat with extensive experience in foreign, defense and development policy. Former Ambassador to Mali and Madagascar and Chief of the US Interests Section, Havana Cuba. Author of “Our Woman in Havana” (2018) and opinion articles in the New York Times, the LA Times and the Washington Post, “Africa: Population, Migration and Desertification;”

Dr. **Todd Ringler**, National Security Science Fellow, US House of Representatives, “National Security Consequences of Global Climate Change;”

**István P. Székely**, Principal Adviser, European Commission, DG ECFIN, Brussels, and EU Fellow 2019-20, CEUCE, University of Colorado, Boulder; “Climate change mitigation: Fair and effective policy options;”

**Luke Spangenburg**, Director Innovation Center, Biofuels Center of Excellence, School of Trades, Advanced Technologies and Sustainability, Algae Technology Educational Consortium, NREL/BHP Phytoremediation of Legacy Mines, Founder of New Solutions Energy, Community Activist. Santa Fe Community College, “Taking Responsibility in the Face of Climate Change;”

Ambassador **Kenneth Yalowitz** (Rtd), Adjunct Professor, Georgetown and Stanford Universities, Global Fellow, Woodrow Wilson Center, a specialist in conflict prevention he was Ambassador to Belarus and Georgia and served in the Foreign Service in Moscow, at NATO and The Hague, “US and Russia: A New Cold War in the Arctic.”

**WHEN:** Thursday, April 16-17, 2020. Registration Opens at 9 am April 16 and April 17.

**WHERE:** Jemez Rooms, Santa Fe Community College, Santa Fe, New Mexico

**Cost:** SFWAF members and affiliates both days: \$95  
Nonmembers: \$120  
Thursday Only: \$75  
Friday Only: \$65  
College and university students both days: \$60

Prices include continental breakfast and lunch both days and a “Meet the Speakers Reception” Thursday afternoon following the day’s final session.

**Registration:** a registration form can be [downloaded via our website](#). Space is limited and reservations are first come, first serve. Email or mail to [sfwaforum@outlook.com](mailto:sfwaforum@outlook.com) by Friday April 10. *Please include your name and contact information if you are not a SFWAF member.* Fees for the symposium may be paid by check made payable to SFWAF and mailed to: The Santa Fe World Affairs Forum, PO Box 21965, Santa Fe, NM 87594

Payment may also be made with a credit card through our Paypal Account: <https://sfwafor.org/payment/> Payments are non-refundable after April 5. Please pay by Friday, April 10 at the latest and visit our website <https://www.sfwaf.org/> for additional information and program updates.

**DIRECTIONS TO THE SANTA FE COMMUNITY COLLEGE:**

From Rodeo Road turn south onto Richards Avenue. At the third roundabout turn into the campus main drive.

**PARKING:** The Visitors Parking Lot is to the right as you enter the campus via Richards Ave entrance. (Handicap spaces are in the lot to the left.” Enter the administration building to the left through the courtyard behind to US and New Mexico flag poles. Walk to the end of the main corridor. The Jemez Rooms are next to the cafeteria before you reach the bookstore.

**The Warming World**  
**Rising Temperatures, Rising Tides, Rising Turbulence**

**The Santa Fe World Affairs Forum – 2020 Symposium, April 16-17, 2020**  
**at the Santa Fe Community College, Santa Fe, New Mexico**

**The Santa Fe World Affairs Forum**

PO Box 31965 Santa Fe, NM 87594

E-mail: [sfwaforum@outlook.com](mailto:sfwaforum@outlook.com)

Find us on the web at [sfwaf.org](http://sfwaf.org) or [Visit us on Facebook](#)