Views expressed in this document are opinions of the author and do not necessarily reflect views of AIAA.

The Starry Night, 1889, Vincent van Gogh. Image credits: Wikipedia

#### Climate crisis

We cannot adapt our way out of climate crisis, warns leading scientist

Katharine Hayhoe says the world is heading for dangers people have not seen in 10,000 years of civilisation

Fiona Harvey Environment correspondent

Wed 1 Jun 2022 03.00 EDT

"If we continue with business-as-usual greenhouse gas emissions, there is no adaptation that is possible. You just can't," she said, in an interview with the Guardian.

These impacts would be felt across the world, she warned. "Our infrastructure, worth trillions of dollars, built over decades, was built for a planet that no longer exists," she said. Changing that infrastructure would cost further trillions, so allowing greenhouse gas emissions to continue to grow would mean ever-rising impacts and costs.

The whole of modern life was at stake, she added. "Human civilisation is based on the assumption of a stable climate," she said. "But we are moving far beyond the stable range."





#### **Table of Contents**

Slide 2-Diversity-The ultimate pivot, June 2, 2020

Slide 3-Climate-Net zero by 2050, the ultimate sense of urgency

Slide 4-AIAA Houston Section International Activities Committee (IAC)

Slide 5-France-USA Sister Sections (www.3af-mp.fr)

Slide 6-Ethiopia-USA Sister Sections (www.ethiosss.org)

Slide 7-Peru-USA Sister Sections

Slide 8-Mexico-AlAA Region IV: Mexico, TX, OK, AR, & NM

Slide 9-Mexico-AIAA Region IV & paired with AIAA Houston Section

Slide 10-AIAA Houston Section History technical committee



#### **Opinion**

We older people must fight for a better America, and world, for younger

generations *Bill McKibben* 



Baby boomers were complicit in the decay of our civic life and cultural fabric - and we must play a serious role in fixing it

Tue 31 May 2022 08.55 ED

Arizona's emergency services brace for temperatures above 110F as deaths mount

Nina Lakhani in Phoenix

Thu 9 Jun 2022 05.45 EDT



# Why Joe Biden is invoking a war power to build heat pumps and solar panels

The president is making clean energy a national security issue.

y Neel Dhanesha | neel.dhanesha@vox.com | Jun 8, 2022, 12:00pm EDT

Vov

recode

**America's dirty divide** Climate science

# It's not your imagination, US summers are hotter than ever before Aliya Uteuova

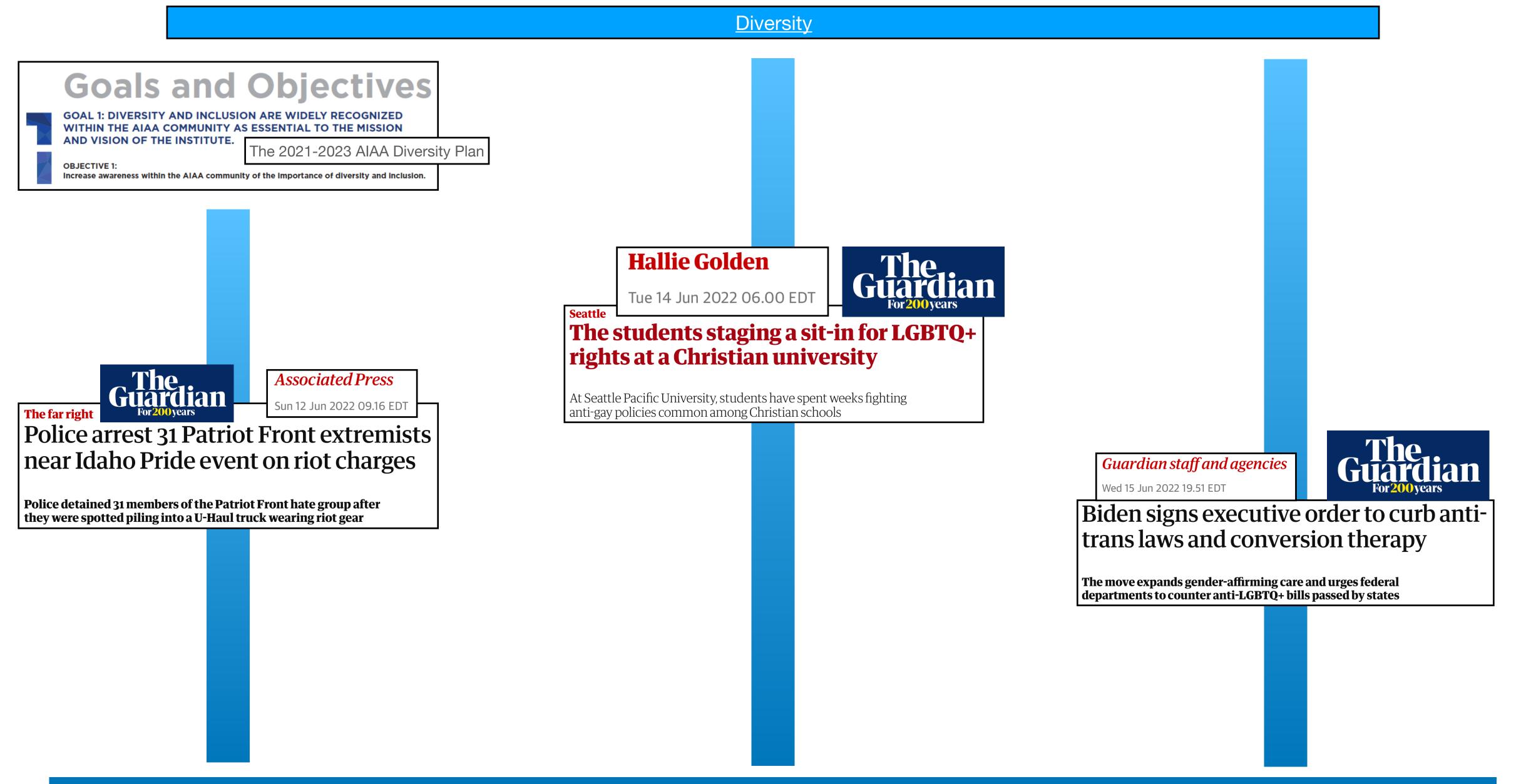
The Guardian i 10 Jun 2022 05.30 ED

An alarming trend shows average temperatures have increased by at least 2F since 1970, with even higher spikes in the west and south-west

'scaring our kids witless' about climate change

Media contributions to public confusion—what Schneider labels "mediarology"—are elaborated in a number of these books. There is a serious question as to whether American science journalists have conspicuously failed to discharge what might have seemed their central function: to enlighten the public about topics of concern, in areas where an expert consensus has been reached. Howard Friel's The Lomborg Deception offers a careful analysis of the ways in which the "skeptical environmentalist," Bjørn Lomborg, has selectively used (and sometimes distorted) the available evidence. Friel (an independent scholar whose previous books have critiqued the foreign and Middle East coverage of the New York Times) shows how Lomborg's claims and his status as an expert were uncritically accepted. Apparently, the idea of framing environmental science in terms of a duel between rival "expert perspectives" was too seductive to resist. [Science, science.org, AAAS, The American Association for the Advancement of Science, Philip Kitcher, June 4, 2010]

National Interagency Fire Center 114 Followers • 7 Following



### Climate

## **Chicago**

## Deaths of three Chicago women prompt urgent heat warnings

Experts say cities are failing to grapple with the deadly threat after discovery of bodies in senior housing facility

### Guardian staff and agencies

Sat 28 May 2022 12.15 EDT



## Thirty-five dead as heavy rainfall lashes north-eastern Brazil

Downpours batter two cities on Atlantic coast in country's fourth major flood in five months

#### Reuters

Sat 28 May 2022 15.30 EDT

## G7 countries to stop funding fossil fuel development overseas

Ministers from world's biggest economies reach agreement that could shift estimated \$33bn a year to clean energy sources

**Fiona Harvey** *Environment correspondent* 

Mon 30 May 2022 06.23 EDT





How Australia's electoral system allowed voters to finally impose a ceasefire in the climate wars

Michael Mann and Malcolm Opinion

*Turnbull* Fri 27 May 2022 16.00 EDT

Preferential voting opened a pathway for independents to bypass the right's hyperpartisan approach to climate policy

#### Antarctica

'Hidden world' of marine life discovered in Antarctic 'river' under ice

New Zealand scientists 'jumping up and down' at find during investigation of climate-induced melt of ice shelf

**GLOBAL TEMPERATURE** .18 °C since 1880

1/15/2022



For 50 years, governments have failed to act on climate change. No more excuses Christiana Figueres, Yvo de Boer and Michael Zammit Cutajar

Conflict and Covid make these troubling times, but national leaders must cooperate and take action now

hu 2 Jun 2022 04.00 EDT

#### THE WHITE HOUSE



A Proclamation on National Ocean Month, 2022

MAY 31, 2022 • PRESIDENTIAL ACTIONS

Sea Level: Note a change in units from millimeters per year to inches since January 1993. SEA LEVEL

3.4 millimeters per year

March 10, 2022

**GLOBAL CLIMATE CHANGE** Vital Signs of the Planet

CARBON DIOXIDE

 $418^{\text{ parts per million}}_{\text{ (current)}}$  ion

**GLOBAL TEMPERATURE** 1.01 °C since 1880

ARCTIC SEA ICE EXTENT 13.0 percent per decade since 1979 **ICE SHEETS** 

**SEA LEVEL** 

4.0 inches since January

OCEAN HEAT ADDED 337 zettajoules since 1955

alain.chevalier31@yahoo.fr francis.guimera@orange.fr douglas.yazell@me.com tulubesha@yahoo.com tharegot@gmail.com jackysumac@yahoo.com



## AIAA Houston Section sister sections

France-USA: <u>www.3af-mp.fr</u>

France: Francis Guimera, preceded by Alain Chevalier

Houston: Douglas Yazell

Ethiopia-USA:

Ethiopia: Tulu Besha Bedada, PhD and Berhan Gessesse, PhD

Houston: Thomas Haregot

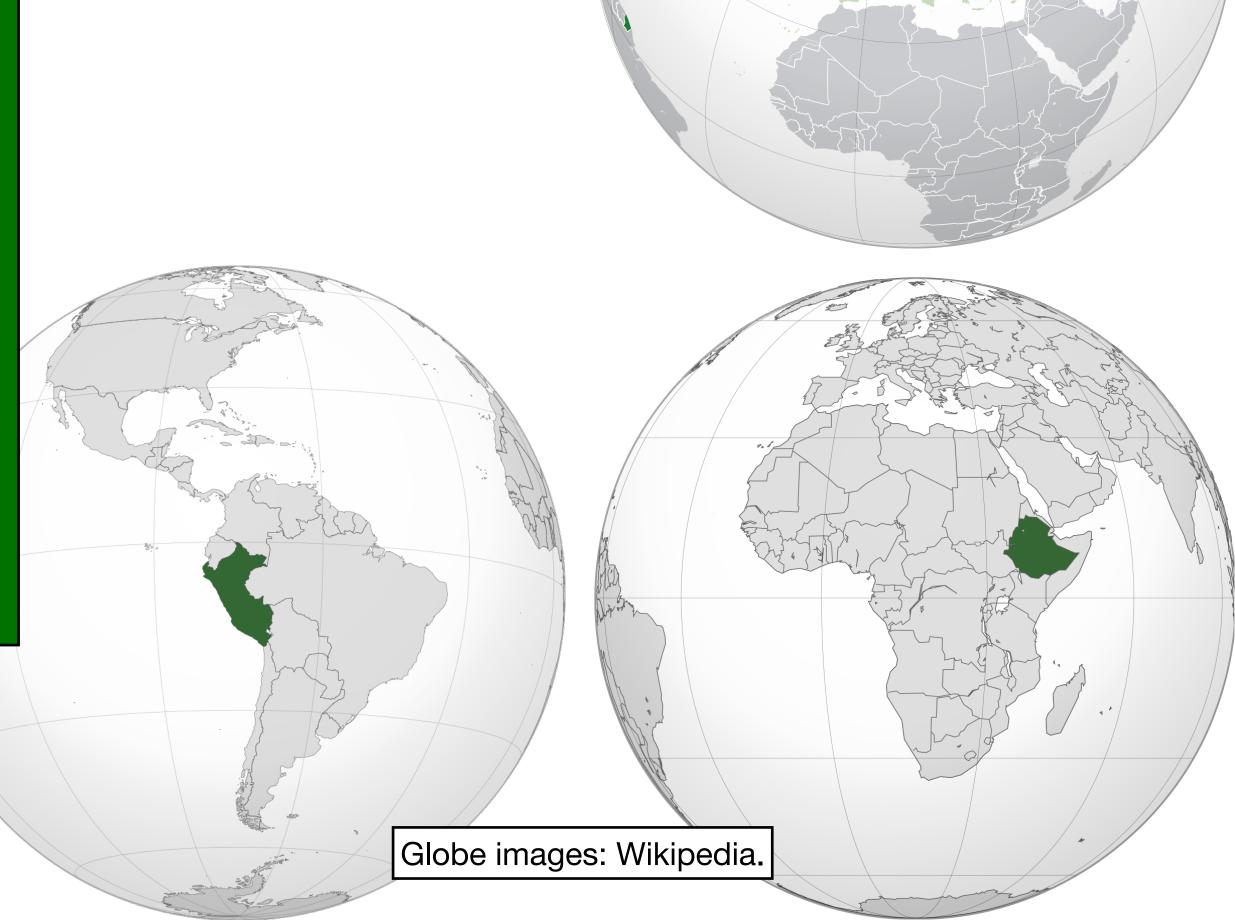
Peru-USA:

Houston: Jackelynne Silva-Martinez

Peru: Julio Valdivia, Saul Perez

AIAA Houston Section International Activities Committee (IAC)

Chair: Douglas Yazell, douglas.yazell@me.com



# France



Charles De Gaulle welcomes President Kennedy to Paris

# French police under spotlight over

Liverpool fans' treatment



Crowd control tactics at Champions League final highlight rift between law officers and public in France

## **Jon Henley**

**y** @jonhenley

Mon 30 May 2022 10.02 EDT







Ethiopia

**STORY JUNE 02, 2022** 

Climate Crisis, Ukraine War Worsen Food Crisis in East Africa; Someone Dies of Hunger Every 48 Secs





https://www.ethiosss.org

Current events:

https://www.theguardian.com/world/ethiopia

Globe image: Wikipedia.

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## **DEATH OF THE PRESIDENT**

Person(s)

Aiken, Frank, 1898-1993 Ailleret, Charles, 1907-1968 Barnum, George A., 1939-

Bertil, Prince, son of Gustav VI Adolf, King of Sweden, 1912-

Bird, Samuel Richard, 1940-1984 Burin des Roziers, Étienne, 1913-2012

Cheek, Timothy F., 1943-Clark, Hubert, 1946?-

Couve de Murville, Maurice (Jacques Maurice), 1907-1999

De Valera, Éamon, 1882-1975 Diamond, Jerry J., 1944-2011 Erhard, Ludwig, 1897-1977 Erlander, Tage, 1901-1985 Felder, James L., 1941?-

Gaudreau, Richard E., 1936?-Gaulle, Charles de, 1890-1970

Georg Valdemar, Prince of Denmark, 1920-1986

Giaimo, Robert N. (Robert Nicholas), 1919-2006 Grimes, J. Rudolph (Joseph Rudolph), 1923-2007

Haile Selassie I, Emperor of Ethiopia, 1892-1975 Ikeda, Hayato, 1899-1965

Kennedy family

Kennedy, John F. (John Fitzgerald), 1917-1963 Kennedy, Robert F. (Robert Francis), 1925-1968

Kennedy, Rose Fitzgerald, 1890-1995 King, Samuel L. (Samuel Larkin), 1917-2005

Lawford, Patricia Kennedy, 1924-2006 Lübke, Heinrich, 1894-1972

Macapagal, Diosdado, 1910-1997 Mayfield, Douglas A., 1942-

Metzler, John C. (John Charles), 1909-1990

Onassis, Jacqueline Kennedy, 1929-1994 Roosevelt, Franklin D. (Franklin Delano), 1914-1988

Sevilla-Sacasa, Guillermo, 1908-1997 Shriver, Eunice (Eunice Kennedy), 1921-2009

Smith, Jean Kennedy, 1928-2020

Smith, Larry B., 1945-

Somoza Debayle, Luis, 1922-1967 Tolbert, William R., 1913-1980

Wirtz, W. Willard (William Willard), 1912-2010

# JOHN F. KENNEDY PRESIDENTIAL LIBRARY AND MUSEUM

Somaliland

Date(s) of Materials 25 November 1963

Members of the Kennedy family, officials, and dignitaries attend graveside services in the state funeral of President John F. Kennedy; honor guard pallbearers lift the casket flag. Those pictured include: Jacqueline Kennedy; Attorney General, Robert F. Kennedy; Rose Fitzgerald Kennedy (mostly hidden); Eunice Kennedy Shriver; Jean Kennedy Smith; Patricia Kennedy Lawford; Prime Minister of Japan, Hayato Ikeda; Vice President of Liberia, William R. Tolbert, Jr.; President of Germany, Heinrich Lübke; resident of France, General Charles de Gaulle; Emperor of Ethiopia, ssie; President of the Philippines, Diosdado Macapagal; President of Ireland, Éamon de Valera; Minister of External Affairs of Ireland, Frank Aiken; Prince Georg Valdemar of Denmark; Secretary of State of Liberia, J. Rudolph Grimes; Secretary-General of the Presidency of France, Étienne Burin des Roziers; Chancellor of West Germany, Ludwig Erhard; Minister of Foreign Affairs of France, Maurice Couve de Murville; Chairman of the Joint Chiefs of Staff of France, General Charles Ailleret; Prince Bertil of Sweden; Prime Minister of Sweden, Tage Erlander; President of Congress of Nicaragua, Luis Somoza Debayle; Ambassador of Nicaragua and Dean of the Diplomatic Corps, Dr. Guillermo Sevilla-Sacasa; Franklin D. Roosevelt, Jr.; U.S. Assistant Chief of Protocol for Visits and Public Events, Samuel L. King; U.S. Secretary of Labor, Willard Wirtz; Representative Robert N. Giaimo (Connecticut); Superintendent of Arlington National Cemetery, John C. Metzler. Pallbearers include: Lance Corporal Jerry J. Diamond (USMC), Yeoman George A. Barnum (USCG), Lieutenant Samuel R. Bird (U.S. Army), Seaman Hubert Clark (USN), Sergeant James L. Felder (U.S. Army), Lance Corporal Timothy F. Cheek (USMC), Sergeant Richard E. Gaudreau (USAF), Seaman Larry B. Smith (USN), and Corporal Douglas A. Mayfield

(U.S. Army). Arlington National Cemetery, Arlington, Virginia.

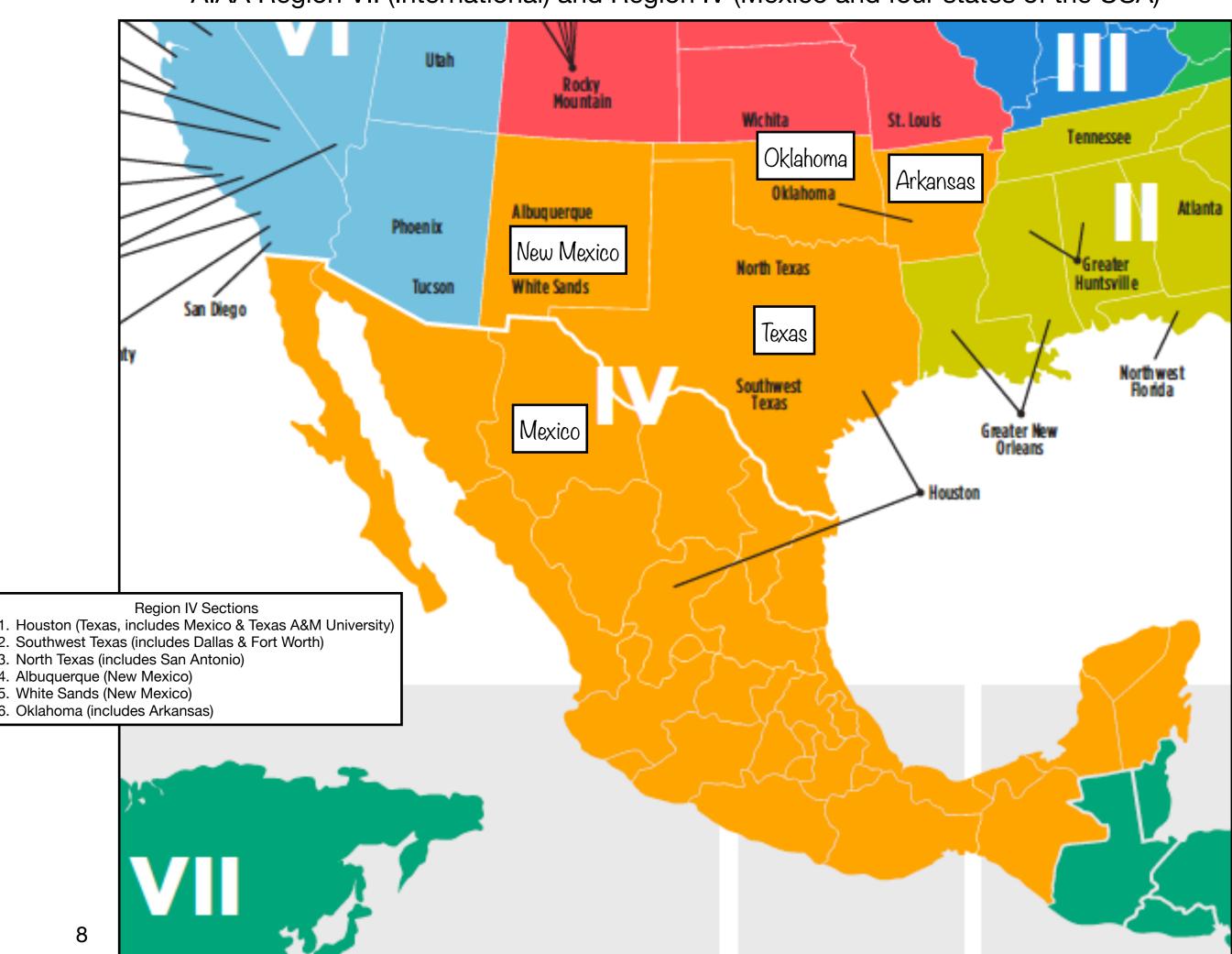


### Mexico





AIAA Houston Section: Mexico and the Section's territory in Texas
AIAA Region VII (International) and Region IV (Mexico and four states of the USA)



# Mexico News Daily

# 17 US companies to invest in clean energy: AMLO

United States energy companies have committed to invest in solar and wind projects in Mexico, President López Obrador said Friday.

June 20

# Post-COVID recovery eludes 28 of Mexico's 54 airports

Air travel might seem back to normal, but half of Mexico's major airports had lower passenger traffic between January and May than in 2019.

June 20



Eric Mack May 31, 2022 7:48 a.m. P7

AIAA Houston Section <u>History Technical Committee</u> Chair-Douglas Yazell

Histor

## FAA's SpaceX Starship Review to Last at Least 2 More Weeks



Your guide to a better future

NATIONAL ARCHIVES

Air Force One Model

Maker:

**Boeing Aircraft** 

Date:

26000

95" x 89" x 16" (crate) Dimensions:

President Kennedy spent 402 hours 6 minutes travelling 189,112 miles on Air

1964



UNITED STATES OF AMERICA



THE WHITE HOUSE

A Proclamation on Remembering the 1,000,000 Americans Lost to COVID-19

MAY 12, 2022 • PRESIDENTIAL ACTIONS

by Linda Halstead-Acharya

05.27.2022

Force One.

Company gets OK for \$253 million wind farm, energy storage in central Montana

Construction will start this summer on new-to-Montana concept that developers say addresses inconsistency of wind power.



#### **Boeing Aircraft**

In December 1960, Boeing announced the model 727 jetliner, which went into commercial service about three years later. Different passenger, freight and convertible freighter variants were developed for the 727. The 727 was the first commercial jetliner to reach 1,000 sales. On May 21, 1961, the company shortened its name to the current "Boeing Company".

Boeing won a contract in 1961 to manufacture the S-IC stage of the Saturn V rocket, manufactured at the Michoud Assembly Facility in New Orleans, Louisiana.

