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The Tesla vision is to accelerate the world's transition to sustainable energy. They make sedans and SUV's, and now a big pickup truck, the Cybertruck. I took the three photos on this page on October 15, 2024, at the Tesla service center in League City near NASA/JSC.

When we bought our 2024 Tesla Model Y SUV on June 24, this service center parking lot was only half full, though it is usually packed full. On October 15, 2024, it was packed full again. About 50 Cybertrucks were on the parking lot. Two long rows of them were very visible from the northbound Gulf Freeway.

With our five-year loan at about 1%, the monthly payments are steep, but since we will pay the 2024 IRS tax return with more than \$7500, we got \$7500 off at the time of purchase.



The Tesla Cybertrucks have not been perfect, but several features seem to be state of the art. They use steel similar to the steel of the SpaceX Starship spacecraft, bulletproof to subsonic bullets from handguns, in case of the Zombie Apocalypse. Built Tesla Tough.

They use 45 V instead of 12 V, and I recall the good effects of going from 6 V to 12 V around 1966. They use steer-by-wire. Steering column stalks are removed, and those functions use buttons on the steering wheel or maybe a yoke steering wheel.

They use four-wheel steering. The back wheels turn together up to ten degrees to help in U-turns and high speed lane changes. Ground clearance is adjustable up to 17 inches.



Image (Wikipedia, Creative Commons): Houston Light Guard Armory, home of the Buffalo Soldiers National Museum, 3816 Caroline Street, Houston, Texas, 10 February 2024, Kenneth C. Zirkel.



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



Diversity

The 2021-2023 AIAA Diversity Plan Archived on our Houston Section Server

The 2021-2023 AIAA Diversity Plan

### Goals and Objectives

GOAL 1: DIVERSITY AND INCLUSION ARE WIDELY RECOGNIZED WITHIN THE AIAA COMMUNITY AS ESSENTIAL TO THE MISSION AND VISION OF THE INSTITUTE.

OBJECTIVE 1: Increase awareness within the AIAA community of the importance of diversity and inclusion.

Lauren Aratani

Fri 6 Sep 2024 07:00 EDT



### Explainer

## How the US supreme court's affirmative action ruling unleashed anti-DEI cases

Activists against diversity, equity and inclusion feel the 6-3 conservative majority will aid workplace lawsuits

## Diversity and Inclusion Strategic Plan



2021-2023

Provide a salute to members of each demographic who have made great strides in aeronautics and astronautics

- ✓ **February** - Black History Month
- ✓ **March** - Women's History Month
- ✓ **May** - Asian Pacific American Heritage Month
- ✓ **June** - LGBTQ Pride Month
- ✓ **September 15-October 15** - National Hispanic Heritage Month
- ✓ **November** - National American Indian Heritage Month

Almost all Lee High School yearbooks (82 of them) are public and online using this Flickr link. Flickr is "free" social media for photos and captions. Classmates dot com is "free" social media for high school yearbooks. They have 77 of these yearbooks (available publically).

The Latin Club "slave" (enslaved persons) sales were often big articles in these yearbooks from about 1945 to 1955. Around the USA, this continues in 2012 and 2024. Usually it is the Latin Club. Once it was a school event for the prom, the raising money with the sale of "enslaved" people who were then humiliated: students, staff, and administrators.

The school board voted 4-3 in 2020 to keep the name Robert E. Lee High School. The three were "local."

## Robert E. Lee High School

Robert E. Lee High School is committed to excellence in education.

The Cult of the "Lost Cause of the Confederacy" (Wikipedia).

### School History

Built in 1928, Lee High School is located in the petrochemical industrial area of the Texas Gulf Coast. We are proud of our long history of educating GCCISD students. Our student population comes from the cities of Baytown and Highlands, with an enrollment of approximately 1,676 for 2010-2011. Our ethnic breakdown is 66.3 percent Hispanic, 15.5 percent African-American, 15 percent White and 3.2 percent belonging to other races. Our 2013 Accountability Rating: Met Standard. Distinctions Earned: Math, Student Progress

Baytown Texas near NASA/JSC

Over the years, our school has undergone numerous renovations, including the reconstruction of the main building following a devastating fire in 1987 and a new Art & Science building. These renovations have allowed us to offer a state-of-the-art learning facility while preserving the beauty of this historical landmark. In 2000 a new cafeteria was added along with 13 classrooms on the second floor.

Downloaded October 24, 2024

The 1964 North Charleston South Carolina High School yearbook includes two of my three older brothers, Rick and Dennis Yazell, on the Classmates website. The Charleston Rubber Company bought an advertisement (page 154), and they quoted Edith Hamilton, 1867-1963. She was famous for books about themes like those of the Latin clubs.

Page 74 of that yearbook shows two female students in the roles of enslaved ancient Romans or Greeks being sold while chained.

Hamilton's books are described in her Wikipedia article. A 2023 Edith Hamilton article by Emily Wilson in The Nation (paywall after about four articles) describes Hamilton well, and it also describes the right-wing and elitist history of this fad in the USA for studying Latin, ancient Greece, and ancient Rome.



Climate

“...the ultimate sense of urgency...”

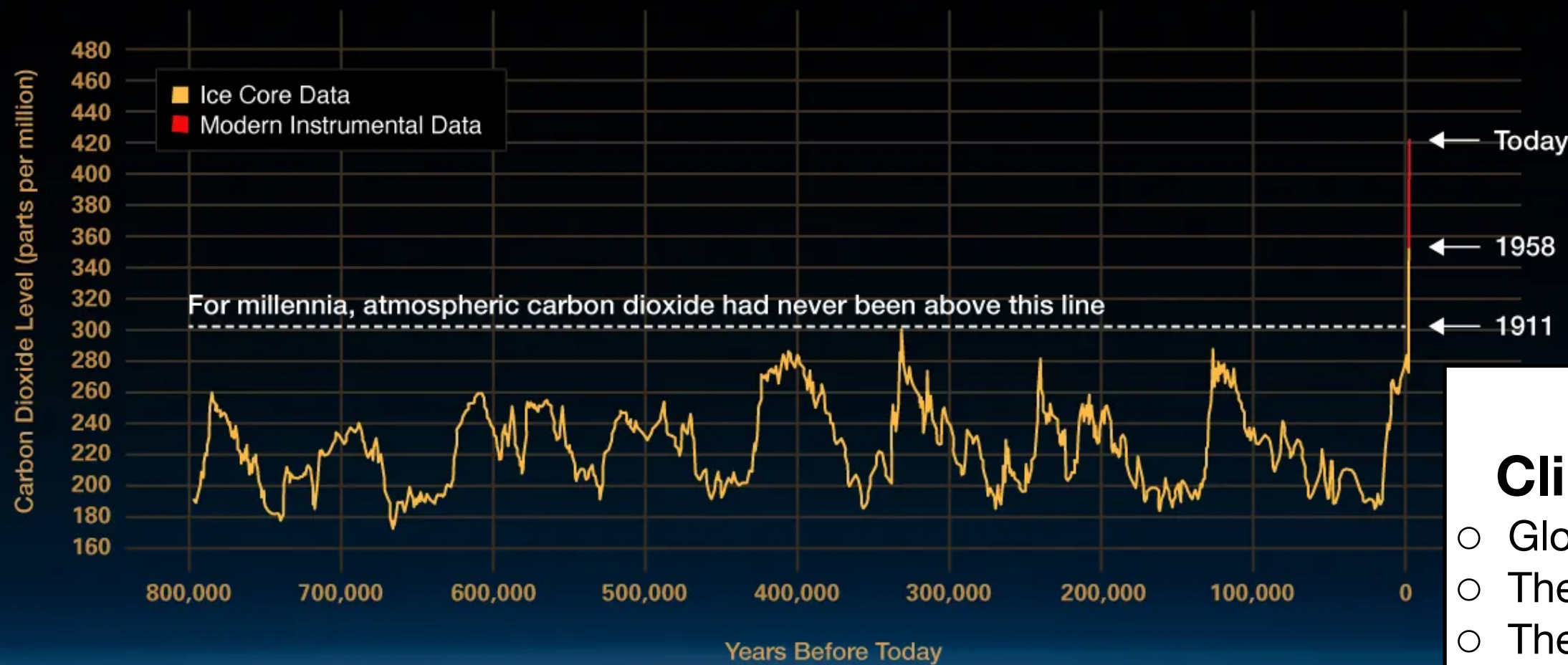
<https://science.nasa.gov/climate-change/>



# Climate Change

From the unique vantage point in space, NASA collects critical long-term observations of our changing planet.

<https://science.nasa.gov/climate-change/evidence/>



## The Evidence for Rapid Climate Change Is Compelling

- Global Temperature Is Rising
- The Ocean Is Getting Warmer
- The Ice Sheets Are Shrinking
- Glaciers Are Retreating
- Snow Cover Is Decreasing
- Sea Level Is Rising
- Arctic Sea Ice Is Declining
- Extreme Events Are Increasing in Frequency
- Ocean Acidification Is Increasing

<https://science.nasa.gov/climate-change/evidence/>

## BAY AREA FLOOD PROTECTION PUBLIC FORUM

What is working, planned and status?

Major floods can destroy homes and communities, impact our local economy, and take lives!



Are catastrophic flooding events the new normal? How do we prevent future disasters and protect our families.

Join the discussion and spread the word! Attend this **FREE** event to learn about flooding solutions for your communities.

### Bay Area Flood Protection Public Forum

**Date:** Wednesday September 25  
**Time:** 6:30 PM  
**Location:** Bay Area Community Center  
 5002 E. NASA Parkway

### Expert speakers with new information!

**Jim Blackburn**  
 Co-chair, SSPEED Rice U.  
 Galveston Bay Park Plan

**Dr. Kelly Burks-Copes**  
 US Army Corps Engineers  
 TX Coastal Protection

**Thomas Morrow**  
 Pres. CL Water Authority  
 Exploration Green

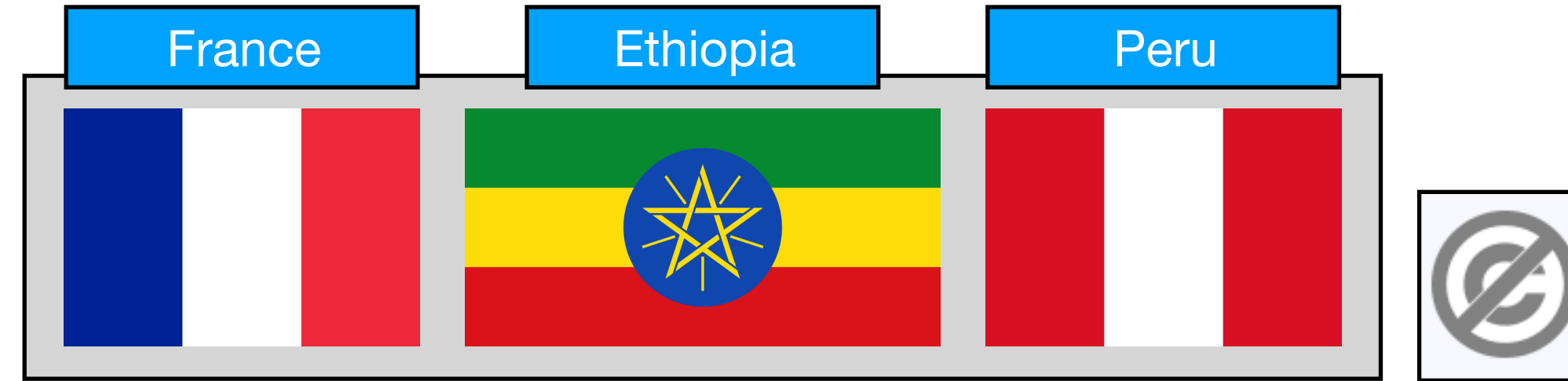


HRCC Houston Region Concerned Citizens

Above: A recent event not associated with NASA or AIAA. To obtain a PDF file of some of the charts, email douglas.yazell [at] me.com.



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: [www.3af-mp.fr](http://www.3af-mp.fr)

France: Francis Guimera, preceded by Alain Chevalier  
Houston: Douglas Yazell

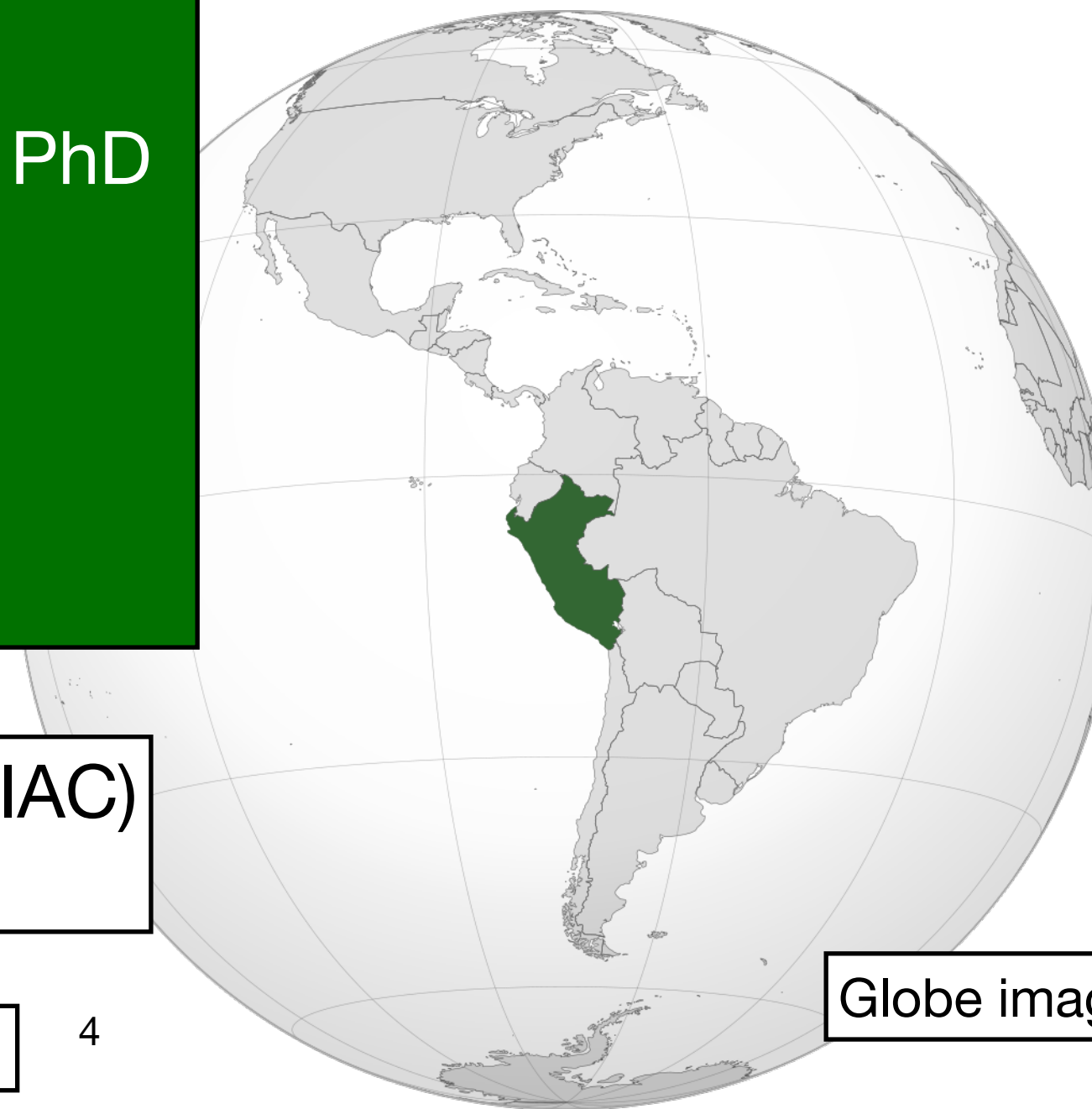
Ethiopia-USA:

Ethiopia: Tulu Bessa Bedada, PhD and Berhan Gessesse, PhD  
Houston: Thomas Haregot

Peru-USA:

Houston: Jackelyne Silva-Martinez  
Peru: Julio Valdivia, Saul Perez

AIAA Houston Section International Activities Committee (IAC)  
Chair: Douglas Yazell, douglas.yazell@me.com



Globe images: Wikipedia.



France

Caribbean

# Violent protests at Martinique airport strand hundreds of passengers

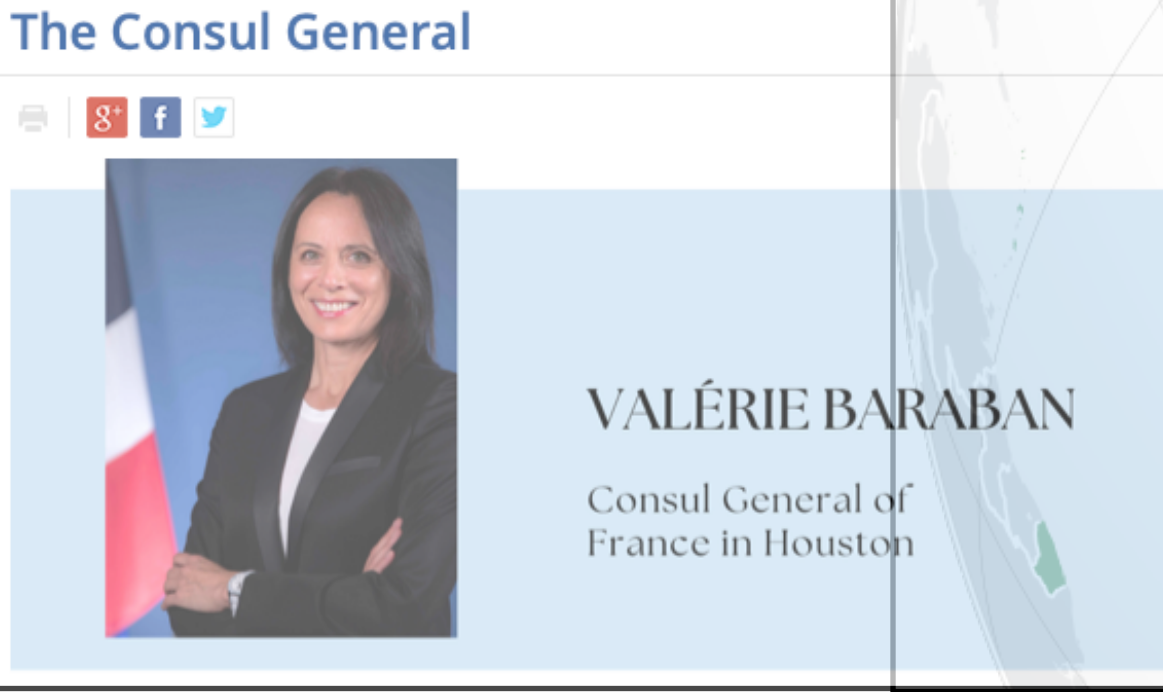
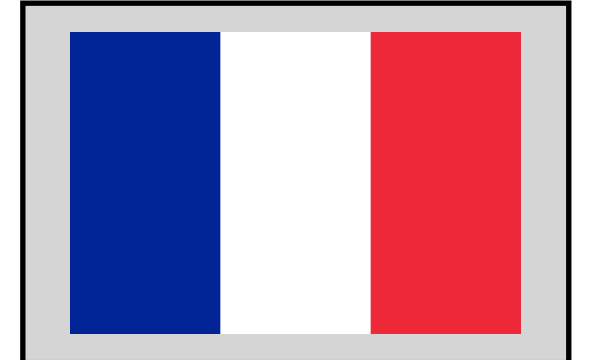
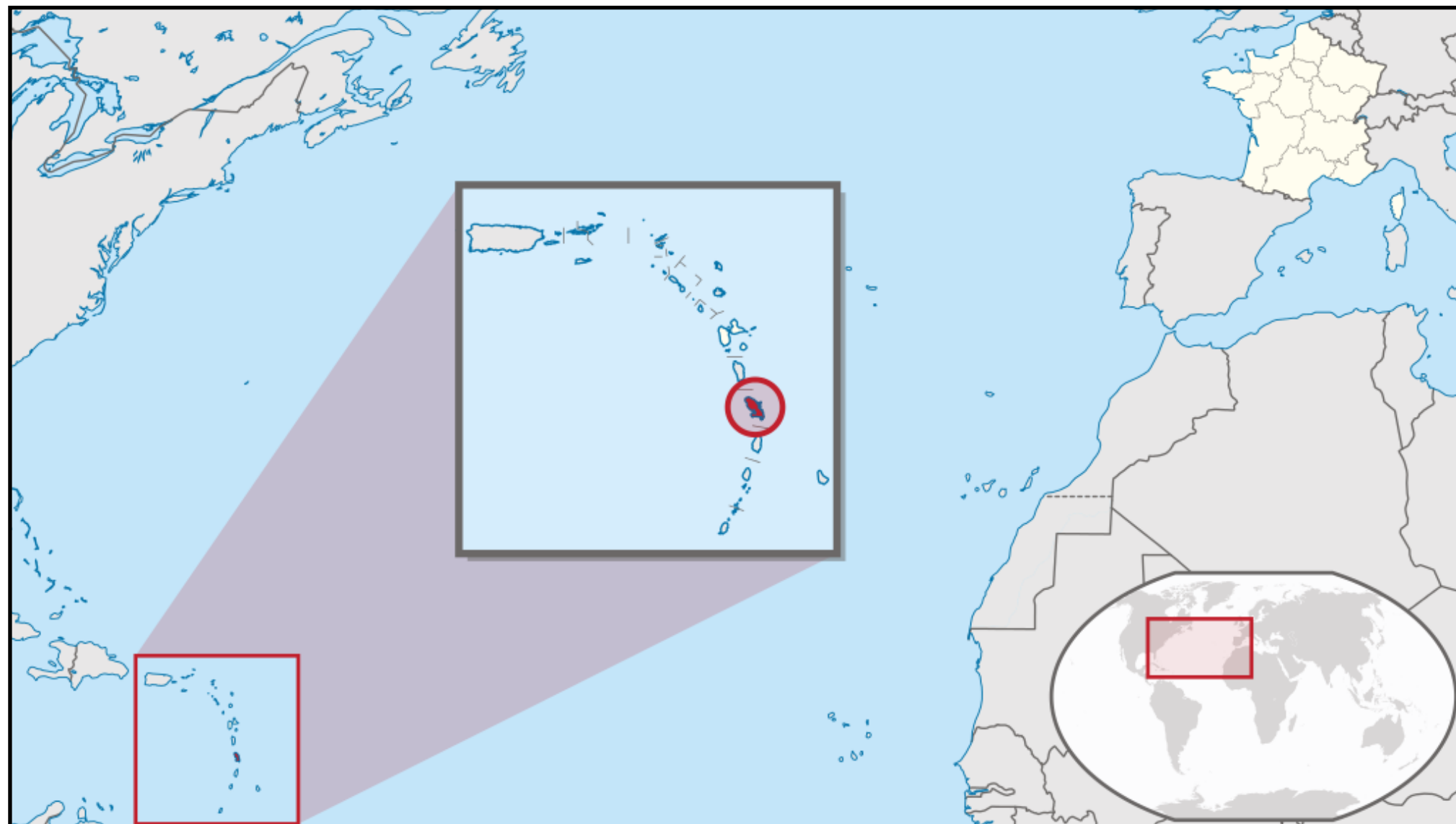
## French Caribbean island's main airport shuts to all flights after protesters enter runway and clash with police

Associated Press in Paris

Fri 11 Oct 2024 10.53 EDT

The Guardian

Map (below) of Martinique from TUBS at Wikipedia.



Globe image: Wikipedia.



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



Ethiopia

# ☰ Emahoy Tsegué-Maryam Guèbrou

From Wikipedia, the free encyclopedia

Dr. Catalina Stern (Forgach) is a regular attendee at AIAA Houston Section SpaceGeekSpeak Saturday mornings, where we discuss space exploration, hosted by Svetlana Hanson. Catalina sent this link about the late jazz musician who often used the single name of Emahoy.

Catalina sent a link which allows the user to play an entire album of jazz piano, relaxing music, as I recall.

Catalina also explained that Emahoy's life story is an amazing story of Ethiopia and more, as introduced in this [Wikipedia article](#).

## Emahoy Tsegué-Maryam Guèbrou



**Born** Yewubdar Guèbrou  
12 December 1923  
[Addis Ababa, Ethiopian Empire](#)

**Died** 26 March 2023 (aged 99)  
[West Jerusalem, Israel](#)

**Occupations** Composer · pianist · nun

**Years active** 1967–2008

ETHIOPIAN SPACE SCIENCE SOCIETY

<https://www.ethiosss.org>



Current events:  
<https://www.theguardian.com/world/ethiopia>

Head of mission	Mr Gezahegn Kebede, Honorary Consul
Consular services	No information available
Supervising authority	Embassy of Ethiopia in Washington, D.C.

**Ethiopian Honorary Consulate in Houston, United States**

**U.S. Embassy in Ethiopia**

**Ambassador Tracey Ann Jacobson**



**Deputy Chief of Mission Fiona Evans**



*Ambassador Tracey Ann Jacobson, a career member of the Senior Foreign Service, Class of Career Minister, arrived in Addis Ababa on February 25, 2022 to begin her assignment as Chargé d'Affaires at the U.S. Embassy in Ethiopia. She previously served as Ambassador to Kosovo, Tajikistan, and Turkmenistan. Ambassador Jacobson's earlier overseas assignments include Seoul, Moscow, Nassau, and Riga. Her domestic assignments include serving as Principal Deputy Assistant Secretary of State for International Organization Affairs, Deputy Director of the State Department's Foreign Service Institute, and Deputy Executive Secretary of the National Security Council at the White House. Ambassador Jacobson is joined in Ethiopia by her husband, David Baugh, a retired member of the British Diplomatic Service.*

Globe image: Wikipedia.



## Archaeologists use AI to discover 303 unknown geoglyphs near Nazca Lines

Newly discovered figures dating back to 200BCE nearly double the number of known geoglyphs at enigmatic site

The Guardian

Dan Collyns in Lima

Thu 26 Sep 2024 11.11 EDT

## 'Transformative, for better and for worse': what's the legacy of Peru's Alberto Fujimori

Despite his convictions for corruption and human rights abuses, many see the president who has died at 86 as the country's greatest leader

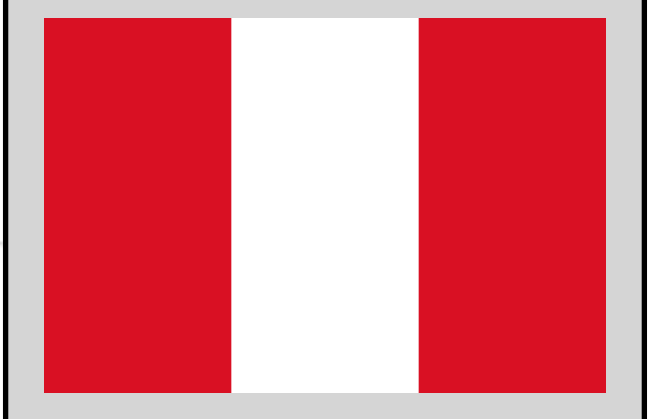
The Guardian

Dan Collyns in Lima and Sam Jones in Madrid

Sat 14 Sep 2024 15.37 EDT

Peru

Globe image: Wikipedia.



Peruvian Consulate General in Houston, United States

Head of mission

Mr Rodolfo Enrique Coronado Molina, Consul General

Consular services

No information available

Supervising authority

Embassy of Peru in Washington, D.C.

<https://www.theguardian.com/world/peru>



U.S. EMBASSY IN PERU

### Lisa Kenna

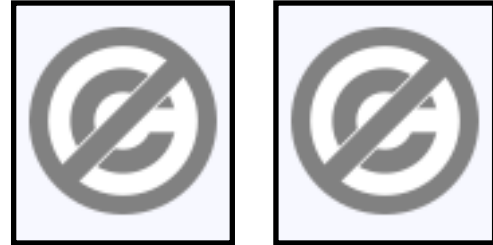
Ambassador

Ambassador Lisa Kenna is a career member of the Senior Foreign Service, class of Minister Counselor. She served most recently as the Executive Secretary of the Department of State.

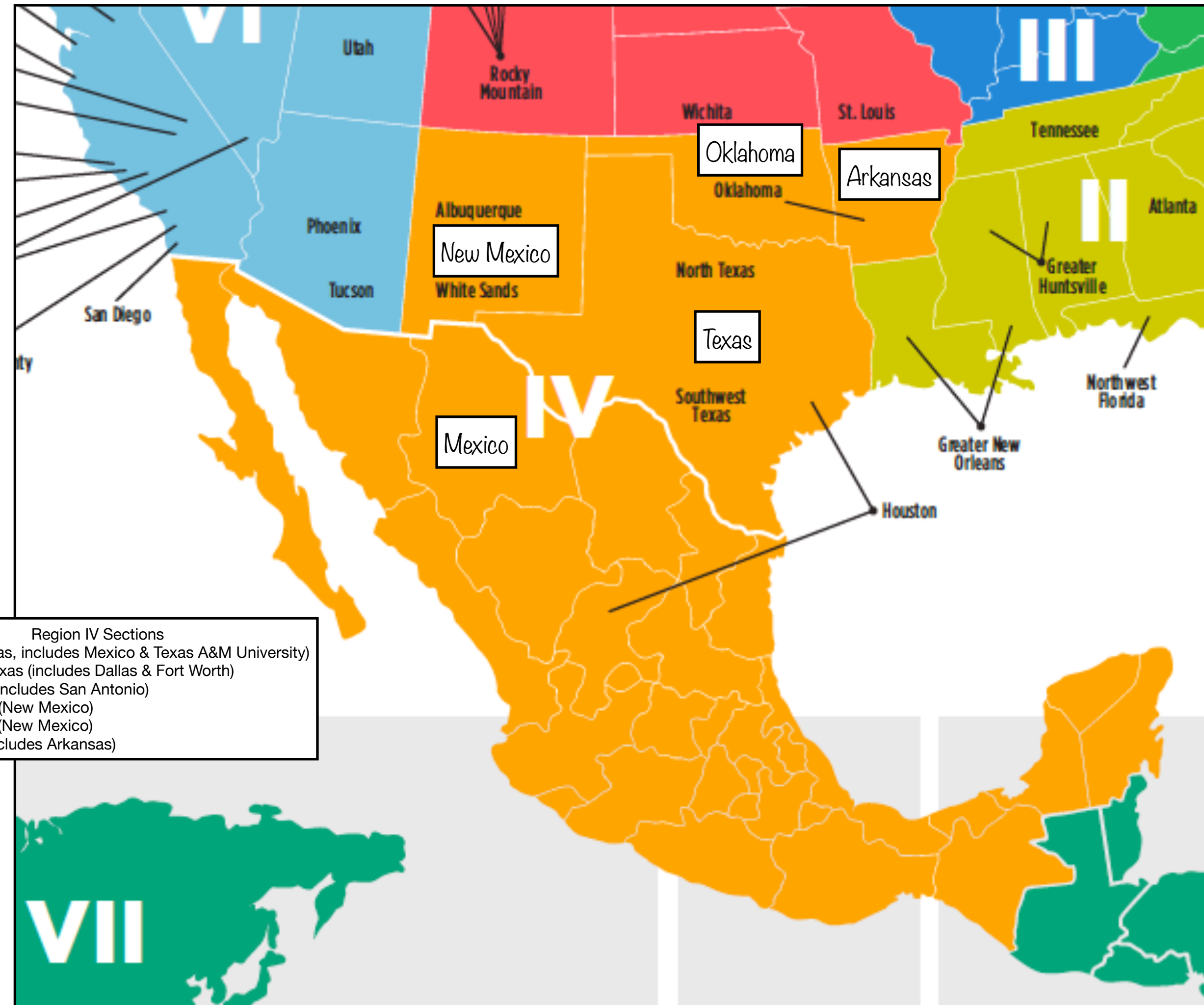




Mexico



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)



- Region IV Sections
1. Houston (Texas, includes Mexico & Texas A&M University)
  2. Southwest Texas (includes Dallas & Fort Worth)
  3. North Texas (includes San Antonio)
  4. Albuquerque (New Mexico)
  5. White Sands (New Mexico)
  6. Oklahoma (includes Arkansas)



Mexico

☰ Hurricane John (2024)

From Wikipedia, the free encyclopedia

**Hurricane John** was a powerful **tropical cyclone** that caused deadly flooding across southern Mexico for several days in September 2024. The eleventh **named storm**, fourth hurricane, and second major hurricane of the **2024 Pacific hurricane season**, John originated from a **low-pressure area** offshore Southern Mexico. This low developed into Tropical Depression Ten-E on the afternoon of September 22, strengthening into Tropical Storm John the following morning. Undergoing **rapid intensification**, John strengthened from a moderate tropical storm into a Category 3 hurricane on September 24. It was at that intensity that John made landfall in **Marquelia, Guerrero**, later that day. Once inland, John rapidly weakened, dissipating over Mexico later that day. However, the mid-level remnants of John moved back over the ocean, where favorable conditions enabled John to redevelop. On September 27, after again becoming a minimal hurricane, Tropical Storm John made its second landfall, this time near Tizupan, **Michoacán**. Hours later, it dissipated for a final time over the coastal mountains.

John resulted in strong winds, significant flooding, and numerous mudslides across much of coastal southwestern Mexico. A total of 950 mm (37 in) of rain fell across parts of Guerrero, with similarly extreme rainfall in neighboring **Oaxaca** and Michoacán. More than 98,000 people lost power in Oaxaca. As of September 28, twenty-nine deaths have been reported in association with John.



Mexico

**Acapulco: drone footage shows destruction wreaked by Hurricane John - video**

<https://www.theguardian.com/world/mexico>



Globe image: Wikipedia.

Flag of the USA



Flag of Texas



**U.S. EMBASSY & CONSULATES IN MEXICO**

**Head of mission**

**Alicia G. Kerber Palma, Consul General**

**Consular services**

- ✓ Visa applications accepted
- ✓ Passport services available
- ✓ Legalization services available

**Mexican Consulate General in Houston, United States**

**Supervising authority**

**Embassy of Mexico in Washington, D.C.**

**U.S. AMBASSADOR TO MEXICO – KEN SALAZAR**



Ken Salazar was sworn in as United States Ambassador to Mexico on September 2, 2021.

In 2009, President Obama nominated Mr. Salazar to serve as Secretary of Interior where he had a lead role on the Obama-Biden agenda on energy and climate, the nation's conservation agenda including America's Great Outdoors, and Indian Country. Ambassador Salazar has been a lifelong fighter for civil rights and the inclusion of Latinos in the American dream.

In 1998, Mr. Salazar was elected as Colorado Attorney General and became the first Latino ever elected to statewide office in Colorado. He was reelected as Attorney General in 2002. In 2004, Attorney General Salazar was elected to the United States Senate for Colorado becoming the first Latino democrat to be elected to the United States Senate since 1972.

Ambassador Salazar has been admitted to practice law in state and federal courts, including the United States Supreme Court.

Ambassador Salazar and his family have farmed along the banks of the Rio Grande River in New Mexico and Colorado for more than four centuries.

[Return to First Slide](#)





**The Cybertruck at an AIAA Historic Aerospace Site  
The 1940 Air Terminal Museum at Hobby Airport in Houston**  
The Museum's Wings & Wheels Event  
***Electric Vehicles on Display by the Houston Chapter of  
The Electric Vehicle Association***

[Douglas Yazell, September 23, 2024]

This photo by Dave Hanson shows the new Tesla Cybertruck on the ramp of the 1940 Air Terminal Museum. This is a electric vehicle (EV) pickup truck providing competition for big pickup trucks such as the Ford F-150 and Chevrolet Silverado.

More EVs were on display on the other side of the museum in the museum's parking lot. The ramp is just a few feet away from the runway at Hobby Airport, where we often see jets from Southwest Airlines.

Dave Hanson is President of the Houston Chapter of the Electric Vehicle Association, the group displaying the EVs at this event.

This historic photo shows the Tesla Cybertruck on the ramp with a 1942 Lockheed Lodestar N31G airplane and a 1929 Ford Model A aviation fuel truck.

This Wings and Wheels museum quarterly event took place on Saturday, September 21, 2024, from 10:00 AM to 3:00 PM.