

# AIAA Houston Section Douglas Yazell: Diversity, Climate, History, and 3 Sister Sections: France, Ethiopia Peru; Saturday, 4/30/2022

## Weekly Status, Douglas Yazell

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:



This weekly document, my status report, is published here. The full link is:  
[www.aiaahouston.org/history\\_technical\\_committee/#news](http://www.aiaahouston.org/history_technical_committee/#news)

**73<sup>rd</sup> INTERNATIONAL ASTRONAUTICAL CONGRESS**  
PARIS, FRANCE, 18 – 22 SEPTEMBER 2022  
*Space for @ll*

Organized by  Hosted by  [www.iac2022.org](http://www.iac2022.org) Supported by  

19 April 2022

Albert Jackson  
Triton Systems LLC  
United States

**73<sup>rd</sup> International Astronautical Congress**  
**Paris, France**  
**18 – 22 September 2022**

**Subject:** IAC 2022 - Notification to Authors

Dear Dr. Jackson,

As Co-Chairs of the International Programme Committee for the 73<sup>rd</sup> International Astronautical Congress, we are pleased to inform you that your abstract “**The Lunar Module Simulator: An Instructor’s Account**” has been accepted for a **12-minute oral presentation**.

Above: AIAA Houston Section member Al Jackson (Triton Systems LLC) submitted a paper to IAC 2022 and it was accepted on April 19, 2022. This is the 73rd IAC and the venue is Paris France. Dates: September 18-22, 2022.

## Slide 2-Diversity

Slide 3-Climate-"... net zero ... by 2050 requires the ultimate sense of urgency." [AIAA, April 2021]

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

Slide 5-AIAA Houston Section **France**-USA Sister Sections

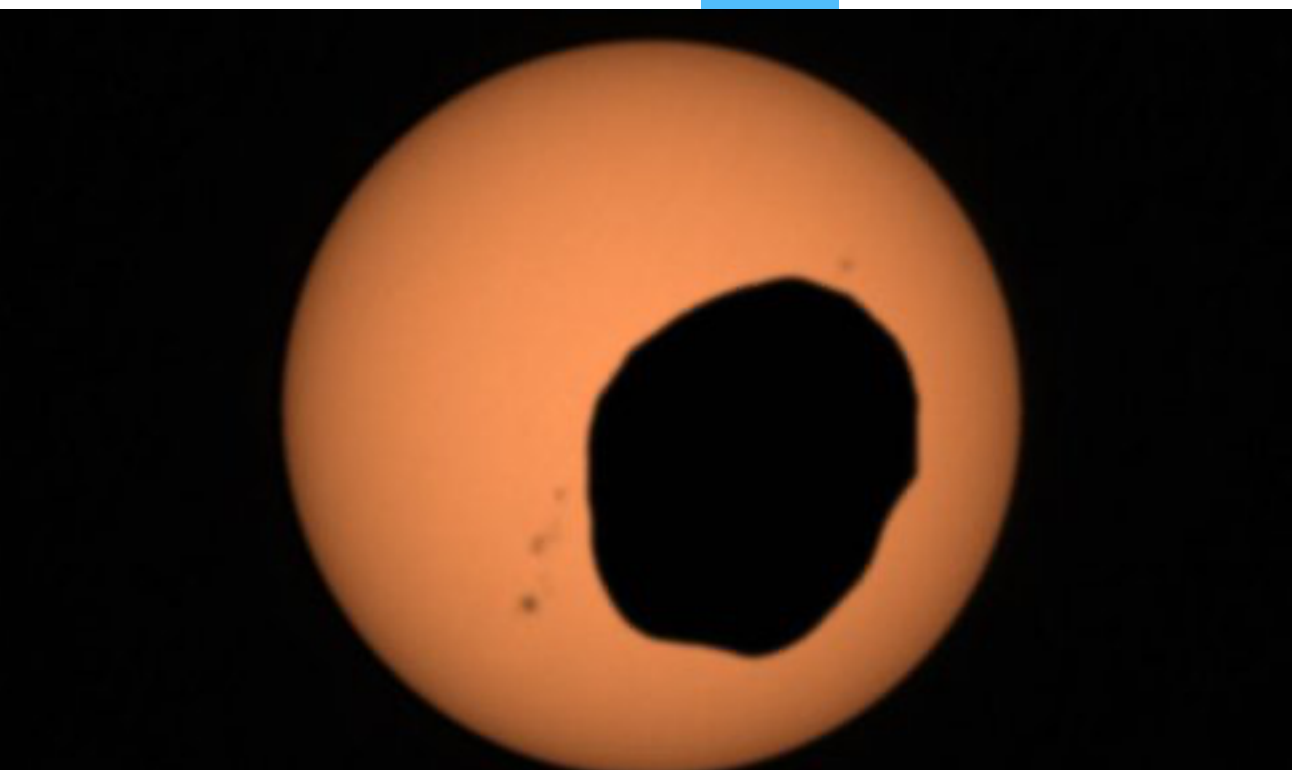
Slide 6-AIAA Houston Section **Ethiopia**-USA Sister Sections

Slide 7-AIAA Houston Section **Peru**-USA Sister Sections

Slide 8-Mexico-AIAA Region IV is Mexico, Texas, Oklahoma, Arkansas, and New Mexico

Slide 9-Mexico-In AIAA Mexico is part of Region IV and paired with AIAA Houston Section

Slide 10-AIAA Houston Section **History** technical committee



**NASA's Perseverance Rover Captures Video of Solar Eclipse on Mars**





# AIAA Houston Section Douglas Yazell: Diversity, Climate, History, and 3 Sister Sections: France, Ethiopia Peru; Saturday, 4/30/2022

## 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.

The 2021-2023 AIAA Diversity Plan

### Interview

**Jamie Raskin on the climate crisis: 'We've got to save democracy in order to save our species'**

Ankita Rao

The Guardian  
For 200 years

Mon 18 Apr 2022 07.00 EDT

### US news

**Texas mother set for execution - yet evidence suggests she did not kill her child**

The Guardian  
For 200 years

Ed Pilkington

@edpilkington

► Thu 21 Apr 2022 06.00 EDT

As Melissa Lucio's execution date approaches, concern that an innocent woman is to be sent to her death reaches fever pitch

"At trial, one of the **Texas Rangers** who was first on the scene told the jury that he had found Lucio with her head down, making no eye contact and showing no apparent concern about Mariah. 'Right there and then, I knew she did something. That's one of the most common clues – someone with their shoulders slouched forward: they're hiding the truth,' he said.

"That testimony was false. Several scientific studies have shown that you cannot deduce anything about a suspect's guilt or innocence from their body language or facial mannerisms."

Nathan Kalman-Lamb, Derek Silva, and Johanna Mellis

► Wed 20 Apr 2022 05.00 EDT

### College sports

**'I'm at a money-hungry school': Athletes angry as colleges shun chance to pay them**

The Guardian  
For 200 years

New NCAA rules mean colleges can now pay athletes up to \$5,980 per year for getting good grades. But few of them have plans to do so

Players spoke under anonymity for this article for fear of penalties from their colleges. Nathan Kalman-Lamb, Derek Silva, and Johanna Mellis are co-hosts of *The End Of Sport* podcast.

### FATAL SHOOTING

**Officer dragged by traffic stop suspect before opening fire on him, Fulshear police say**

By Mycah Hatfield  
Friday, June 11, 2021

Edwin Rios

@edwin\_d\_rios

► Tue 19 Apr 2022 05.00 EDT

### US Congress

**'Birthing while Black' is a national crisis for the US. Here's what Black lawmakers want to do about it**

For Black women in Congress, maternal mortality hits close to home. The Black Maternal Health Caucus seeks change

## Diversity

The Guardian  
For 200 years

### Opinion Will Smith

What's the real reason why Black celebs are still so angry with Will Smith?

Tayo Bero

► Tue 19 Apr 2022 06.28 EDT

### Black voting power Florida

**'A racist move': Florida's DeSantis threatens Black voter power with electoral maps**

The Guardian  
For 200 years

Proposed map would chop up the fifth district into four new ones where Black voters would comprise a much smaller share of the vote - a visual guide

Andrew Witherspoon and Sam Levine

► Wed 20 Apr 2022 16.00 EDT

Maya Yang

► Wed 20 Apr 2022 06.00 EDT

### US news

**US professor wins \$400,000 payout after refusing to call trans student a woman**

Shawnee State University in Ohio had reprimanded Nicholas Meriwether, who then sued on first amendment grounds

AIAA Statement on Diversity, Equality, and Inclusion from AIAA Executive Director Dan Dumbacher, Written Monday, June 2, 2020.



AEROSPACE  
★ ★ ★ A M E R I C A

AIAA  
SHAPING THE FUTURE OF AEROSPACE

Flight Path

# Our Role in Assuring a Cleaner, Greener Future

BY DAN DUMBACHER | APRIL 2021

The aviation community plays a vital role in addressing the challenges of climate change. While the industry has made progress toward reducing carbon emissions, much work remains. Reaching net zero carbon emissions by 2050 requires the ultimate sense of urgency – it's only 30 years into the future. What meaningful steps have we made toward reaching this goal already? As we recognize Earth Day this month, what do we need to do to ensure we are leaving Mother Earth as healthy as possible for the next generation?

“...the ultimate sense of urgency...”

“...the ultimate sense of urgency...”

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Climate

Tesla has another record quarter in tumultuous period for Elon Musk

**Kari Paul in San Francisco**

► Wed 20 Apr 2022 20.50 EDT

Tesla asks judge to pause suit alleging 'rampant racism' against Black workers

**Kari Paul and agencies**

► Tue 19 Apr 2022 15.32 EDT

The Guardian  
For 200 years

The Guardian  
For 200 years

**Associated Press**

► Tue 19 Apr 2022 19.00 EDT

**US news**  
Biden launches \$6bn effort to save America's distressed nuclear plants

Officials say nuclear energy remains vital as carbon-free source of power to help tackle the climate crisis

**Movies**

**Once You Know review - must-watch essay on climate change that tells us it's already here**

★★★★☆

The Guardian  
For 200 years

**Phil Hoad**

► @phlode

► Wed 20 Apr 2022 04.00 EDT

Emmanuel Cappellin's sobering film seeks out those attempting to think past the point of no ecological return

SCIENTIFIC AMERICAN

**New Nuclear Power Plants Are Unlikely to Stop the Climate Crisis**

These plants take too long to build and bring online, and we don't have that much time

By Naomi Oreskes on February 1, 2022

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

4/5/2022

CARBON DIOXIDE  
↑ 418 parts per million (current)

GLOBAL TEMPERATURE

↑ 1.18 °C since 1880

1/15/2022

CARBON DIOXIDE

↑ 417 parts per million (current)

GLOBAL TEMPERATURE

↑ 1.01 °C since 1880

ARCTIC SEA ICE EXTENT

↓ 13.0 percent per decade since 1979

ICE SHEETS

↓ 427 billion metric tons per year

SEA LEVEL

↑ 3.94 inches since January 1993

OCEAN HEAT ADDED

↑ 337 zettajoules since 1955

NASA  
GLOBAL CLIMATE CHANGE  
Vital Signs of the Planet

GLOBAL TEMPERATURE

↑ 1.01 °C since 1880

0.85 – (–0.16) 1/20/2022<sup>3</sup>



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France

Ethiopia

Peru

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## 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

AIAA Houston Section International Activities Committee (IAC)

Chair: Douglas Yazell, [douglas.yazell@me.com](mailto:douglas.yazell@me.com)

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

[alain.chevalier31@yahoo.fr](mailto:alain.chevalier31@yahoo.fr)

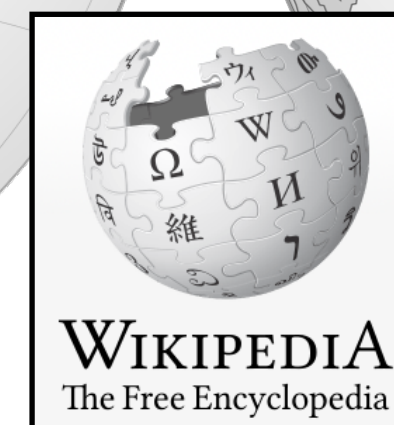
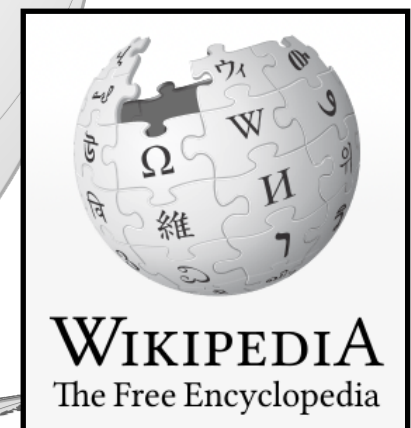
[francis.guimera@orange.fr](mailto:francis.guimera@orange.fr)

[douglas.yazell@me.com](mailto:douglas.yazell@me.com)

[tulubesha@yahoo.com](mailto:tulubesha@yahoo.com)

[tharegot@gmail.com](mailto:tharegot@gmail.com)

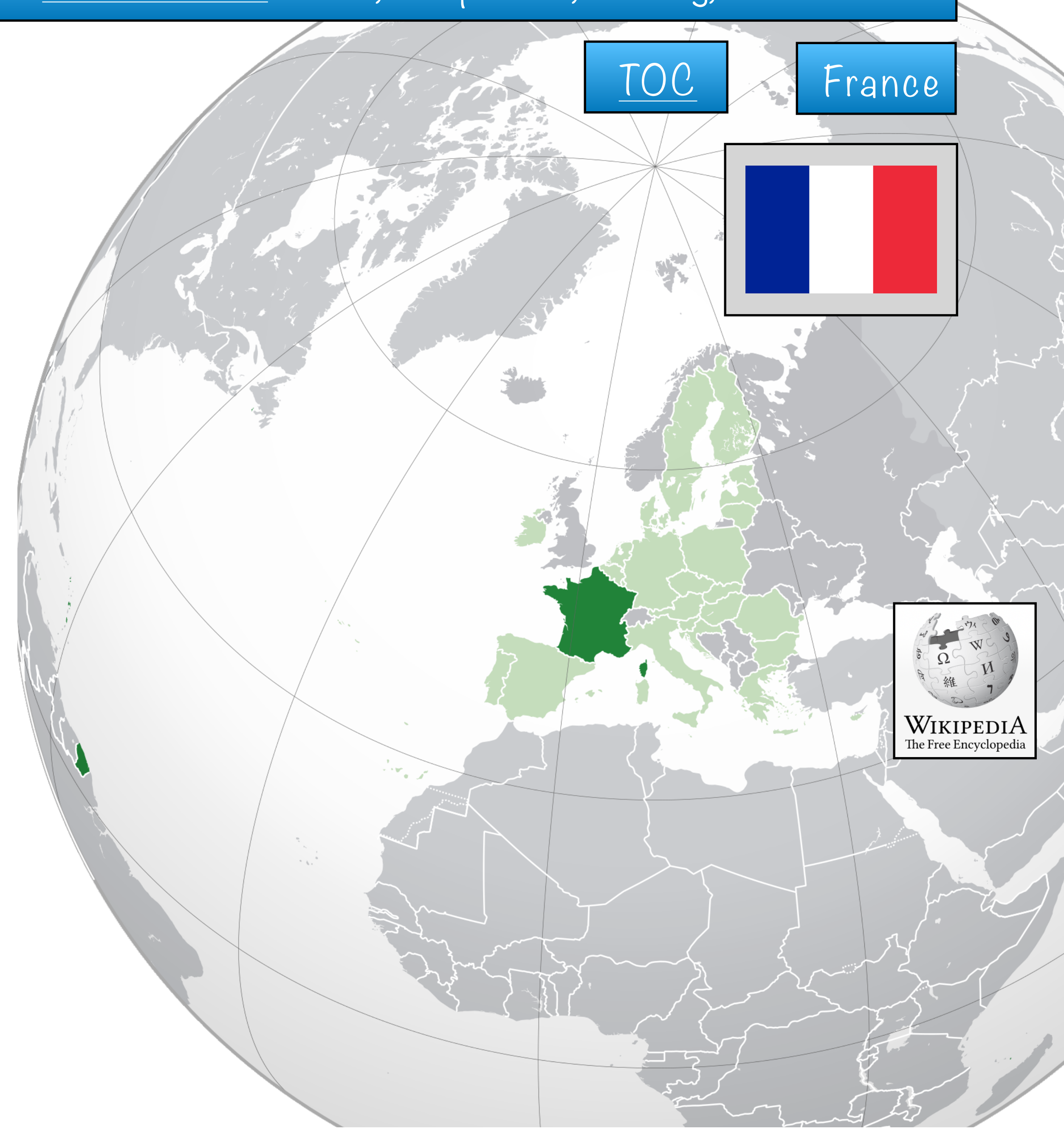
[jackysumac@yahoo.com](mailto:jackysumac@yahoo.com)







Bourgoin-Jallieu, Rhône-Alpes, France. Image: Douglas Yazell, July 1, 2021.  
An excellent mural, an apparent tribute to the classic book, The Little Prince.





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<https://www.ethiosss.org>

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[Ethiopia](#)



 flickr



**Direct Relief**  
Ethiopia

[www.DirectRelief.org](http://www.DirectRelief.org)

Taken on October 19, 2006

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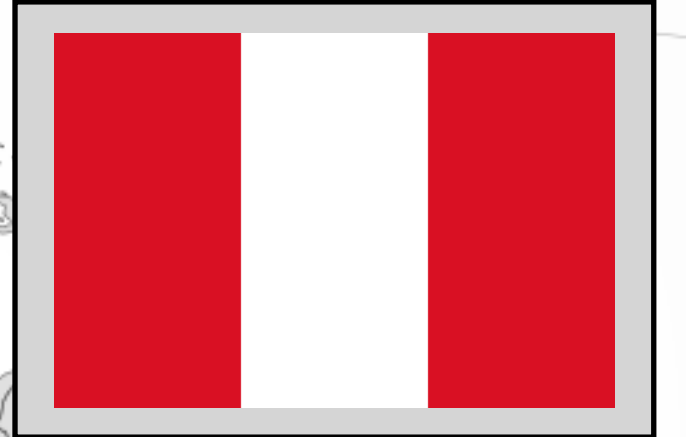
Current events: <https://www.theguardian.com/world/ethiopia>





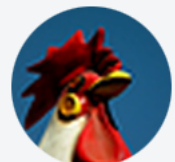
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Peru



WIKIPEDIA  
The Free Encyclopedia

flickr




theVisionaryAgency

peruvian family

peruvian family

Taken on October 20, 2005

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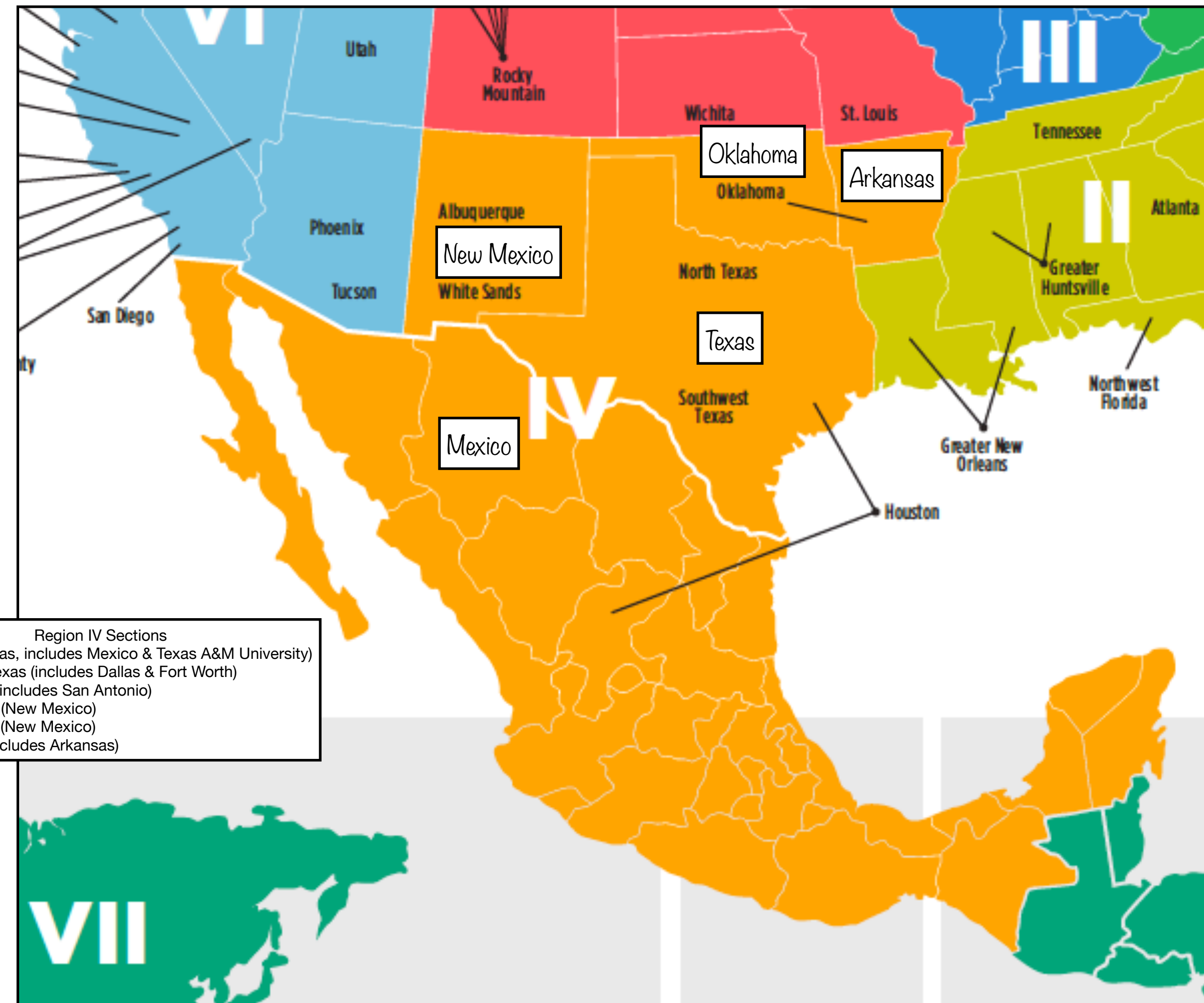
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[Mexico](#)



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)

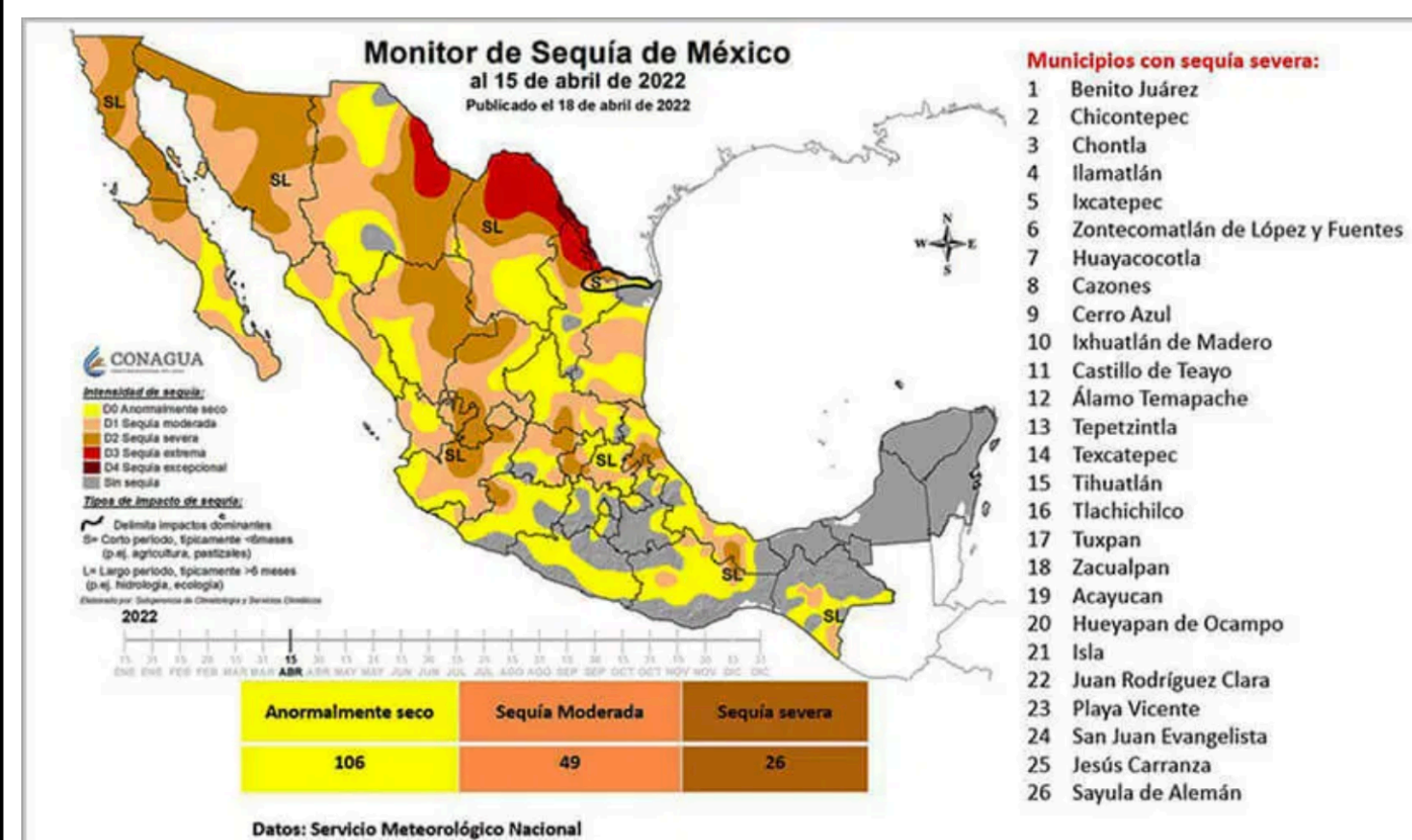


# Mexico News Daily

## Drought conditions now reported in more than half the country

Northeastern states hardest hit, with a few areas at highest possible drought ratings

Published on Wednesday, April 20, 2022



Data shows moderate to severe drought conditions scattered throughout the country. Bright red indicates extreme drought and maroon exceptional drought. CONAGUA

## ‘The lithium is ours:’ Senate approves AMLO’s mining reform, nationalizing the metal

The state will have a virtual monopoly on lithium extraction

Published on Wednesday, April 20, 2022

Paywall after a few free articles

<https://mexiconewsdaily.com>

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Mexico





AIAA Houston Section History Technical Committee; Chair, Douglas Yazell

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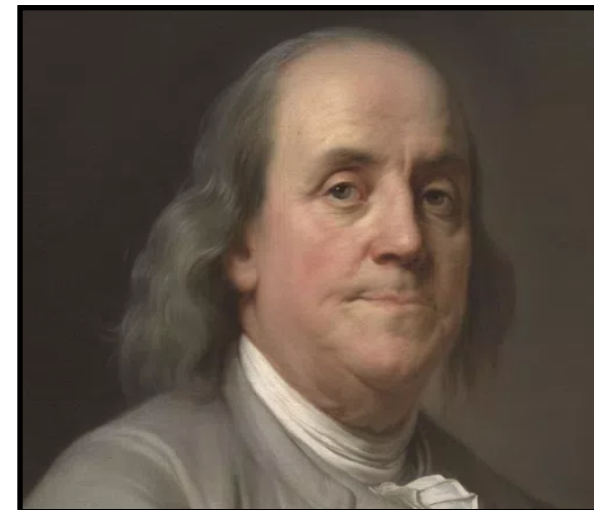
History



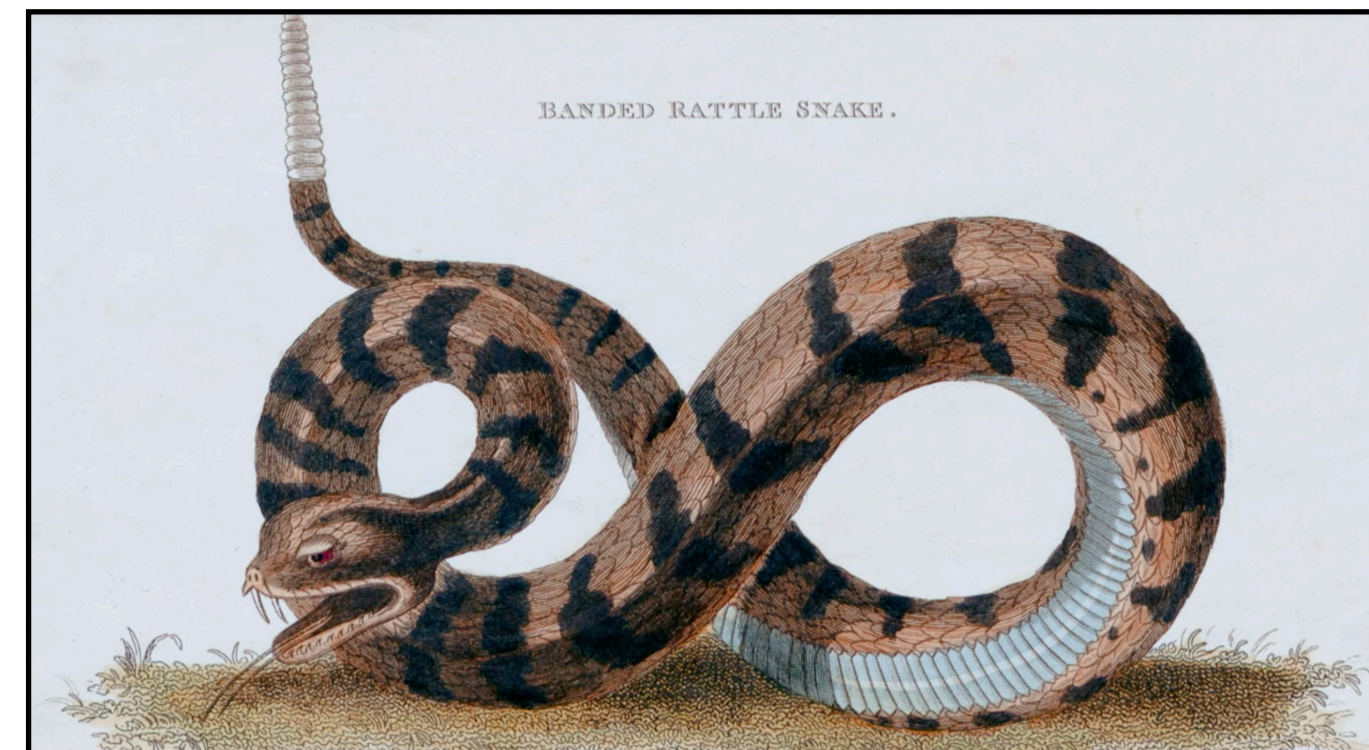
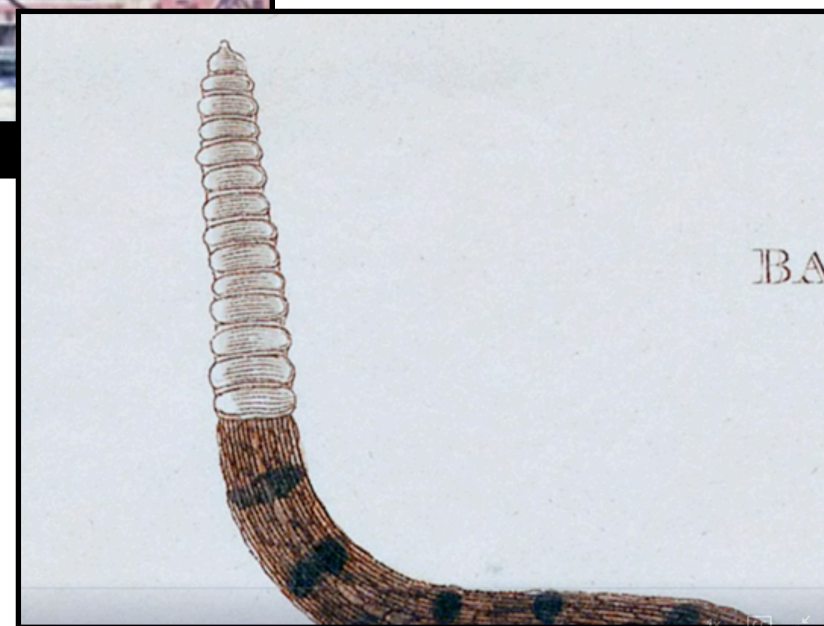
**BENJAMIN  
FRANKLIN**

A FILM BY KEN BURNS

NOW STREAMING



Marie-Joseph Paul Yves Roch Gilbert du Motier, Marquis de La Fayette, known in the United States as Lafayette, was a **French** aristocrat and military officer who fought in the American Revolutionary War, commanding American troops in several battles, including the siege of Yorktown. After returning to France, he was a key figure in the French Revolution of 1789 and the July Revolution of 1830. He has been considered a national hero in both countries. [Wikipedia]



Charles Gravier, comte de Vergennes (29 December 1719 – 13 February 1787) was a **French** statesman and diplomat. He served as Foreign Minister from 1774 during the reign of Louis XVI, notably during the American War of Independence. [Wikipedia]