

AIAA Houston Section Douglas Yazell: Diversity, Climate, History, and 3 Sister Sections: France, Ethiopia Peru; Saturday, 12/18/2021

“But if we are going to be honest about the words we share—and the worlds we share—we have to face the harsh facts that divide us as well as the fond hopes that might one day united us. Romanticism gives us a wishbone, but combating racism requires us to display some backbone.” [George Lipsitz, page 129, *The Possessive Investment in Whiteness, How White People Profit from Identity Politics*, page 129]

Table of Contents (TOC) (Click)

Slide 2-**Diversity**

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

Slide 4-**Climate**

Slide 5-AIAA Houston Section International Activities Committee (**IAC**)

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

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

Slide 8-**Ethiopia**

Slide 9-AIAA Houston Section **Peru**-USA Sister Sections

Slide 10-**Mexico**-AIAA Region IV is Mexico, Texas, Oklahoma, Arkansas, and New Mexico

Slide 11-**Mexico**

Slide 12-AIAA Houston Section **History technical committee**

The Starry Night.
Image credits:



The Starry Night, 1889, Vincent van Gogh



Our Mission

NASA's Office of Diversity and Equal Opportunity leads diversity and civil rights policies, programs, and services – enabling the universe of available talent to contribute inclusively and equitably to NASA.



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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



TOC

Diversity

 **Diversity Working Group**

[Meet the members](#) >









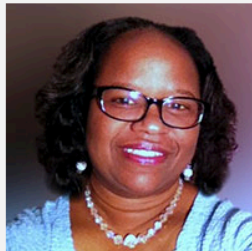
23 members, December 9, 2021

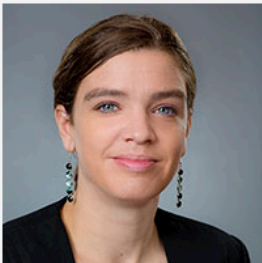



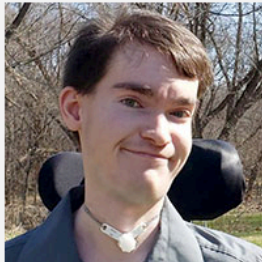




Due to a high demand to participate on this Working Group, currently there are no openings. In the interim, you can still lend your support to other **AIAA Committees** and Groups. Thank you for your interest.








Meet the Members

[Home](#) / [Get Involved](#) / [Committees & Groups](#) / [Diversity and Inclusion](#)

Claudine Phaire  Principal Systems Engineer, Lockheed Martin Skunk Works; Chair, AIAA Diversity and Inclusion Working Group	Cynthia Calhoun  Deputy Chief, Program and Project Assurance Division, NASA Glenn Research Center	Joseph Connolly, PhD  Technical Lead, Hybrid Electric Thermally Efficient Core Project; Technical Integration Lead, Electrified Powertrain Flight Demonstration Project, NASA; Outreach Subcommittee Chair, AIAA Diversity and Inclusion Working Group
Nicholas Cramer  Technical Manager, NASA Ames Research Center	Sylvie DeLaHunt  Future Weapon Concepts and Algorithms Section Supervisor, Johns Hopkins Applied Physics Laboratory	Dianne J DeTurris, PhD  Professor, Aerospace Engineering, Cal Poly State University
Lt Col. Bree Fram  United States Space Force	Jay Greenberg  Systems Engineer, The Boeing Company	Robin Houston  Instructional Specialist for the Deaf and Hard of Hearing Program, Prince George's County Public Schools

Therese Jones  Senior Director of Policy, Satellite Industry Association	Jason Lee  Associate Professor-in-Residence, Department of Mechanical Engineering, University of Connecticut	Amelia Mahan  Systems Engineering Manager, Amazon Prime Air; Programming Subcommittee Chair, AIAA Diversity and Inclusion Working Group
Alexis Moreno  Manager Electronics Engineering II, Northrop Grumman Corporation	Ethan Och  Software Engineer, Northrop Grumman, Tactical Space Systems	Idahosa A. Osaretin, PhD  Assistant Group Leader, Group 33, MIT Lincoln Laboratory
LtCol Carlos Pinedo, Ph.D.  Director of Education, USAF Test Pilot School	Melissa Sampson  Strategic Development & Advanced Technology, Ball Aerospace	Harshini Sivakumar  Spacecraft Operations Engineer, The Boeing Company

Sonya T. Smith, Ph.D.  Professor of Mechanical Engineering, Principal Investigator, Applied Fluids & Thermal Engineering Research Laboratory, Howard University; Honors and Awards Subcommittee Chair, AIAA Diversity and Inclusion Working Group	Joshua Thompson  Mechanical Engineer, Teledyne Brown Engineering	Rachel Tillman  Founder/Director, The Viking Mars Missions Education & Preservation Project
Lawrence Ukeiley  Professor, Mechanical and Aerospace Engineering, University of Florida	Douglas Yazell  Math Teacher, Houston ISD Sterling High School	

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

“We need to make the ultimate pivot...”



HOUSTON CLIMATE WEEK 2021

The video links below are .mp4 format:

- [Charged Up: Houston Leaders Electrifying Our Transportation System](#)
- [Climate Change and Adaptation: Framing the Discussion](#)
- [Community and Youth Climate Action Voices of the Next Generation of Houstonians](#)
- [Energy 2.0: More Green Jobs and Economic Development Opportunities for Houston](#)
- [Federal Infrastructure Plan Opportunities for Houston, Climate Adaptation and the Future](#)
- [Inclusive Excellence, the Way Forward: A Critical Conversation on Environmental Justice and Sustainability](#)
- [Never Again: Pathways to a Green and Resilient Texas Grid](#)
- [Not Cool: A Discussion on Urban Heat and Resilience](#)
- [Reforming Assistance Programs: Combining Home Repair and Weatherization to Address the Equity Gap](#)
- [Taking Back the Streets: Designing Cities for People, Not Cars](#)
- [Talking Trash: How to Reduce Landfill Waste and Accelerate the Circular Economy](#)

WWW.GREENHOUSTONTX.GOV

[TOC](#)

[Climate](#)



Oliver Milman

[@olliemilman](#)

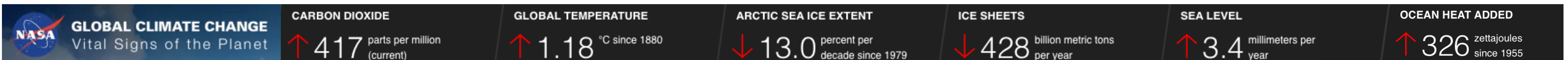
Mon 13 Dec 2021 05.00 EST

Oil

Revealed: Biden administration was not legally bound to auction gulf drilling rights

Justice department admits a previous ruling did not force the detonation of what environmentalists call 'huge carbon bomb'

The Guardian
For 200 years



Flight Path

TOC

Climate

Our Role in Assuring a Cleaner, Greener Future

BY DAN DUMBACHER | APRIL 2021

AEROSPACE
★ ★ ★ A M E R I C A

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?

Reaching net zero carbon emissions by 2050 requires the ultimate sense of urgency – it's only 30 years into the future." [AIAA Executive Director, April 26, 2021]



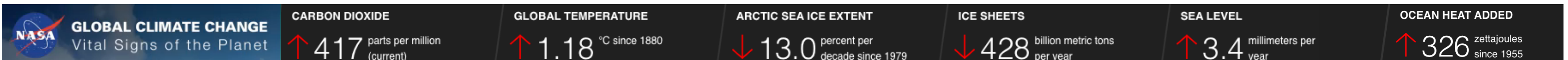
United Nations

Climate Action



2020-2021

In the lead-up to the COP26 climate talks, countries have begun revising their NDCs to strengthen climate action. With science affirming a shrinking window of opportunity, the plans must include urgent actions to cut carbon emissions and reach net zero by 2050.



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France

Ethiopia

Peru

TOC

AIAA Houston Section sister sections

France-USA: 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

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

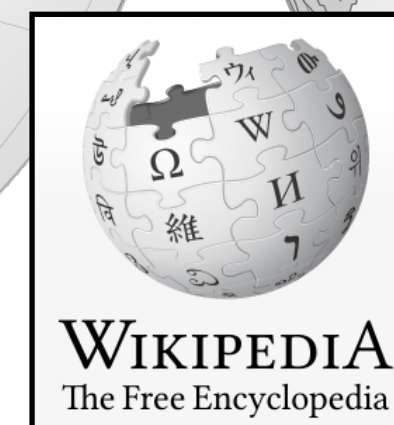
francis.guimera@orange.fr

douglas.yazell@me.com

tulubesha@yahoo.com

tharegot@gmail.com

jackysumac@yahoo.com



France

France seeks to ban ultra-right group suspected of attacking anti-racists

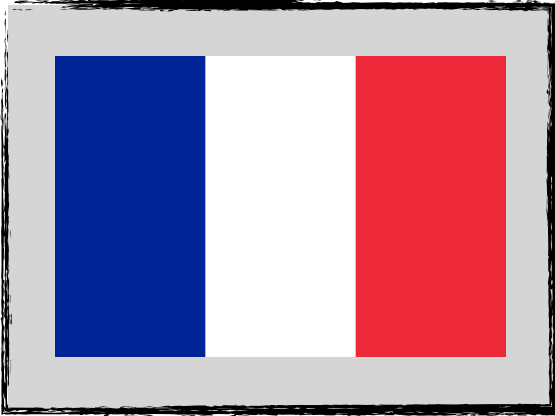
Kim Willsher
Mon 13 Dec 2021 07:39 EST

Interior minister begins legal action to dissolve Zouaves group after brawl at rally for far-right presidential candidate

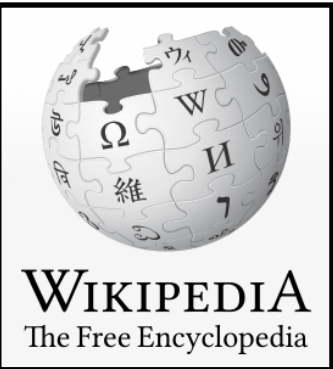


TOC

France



Below: As of December 9, 2021, the JWST launch date is Wednesday, December 22, 2021., at 7:20 AM EST. The Ariane 5.
Image credit: Flickr, NASA's James Webb Space Telescope.





Jet Propulsion Laboratory
California Institute of Technology

Nov 10, 2020

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

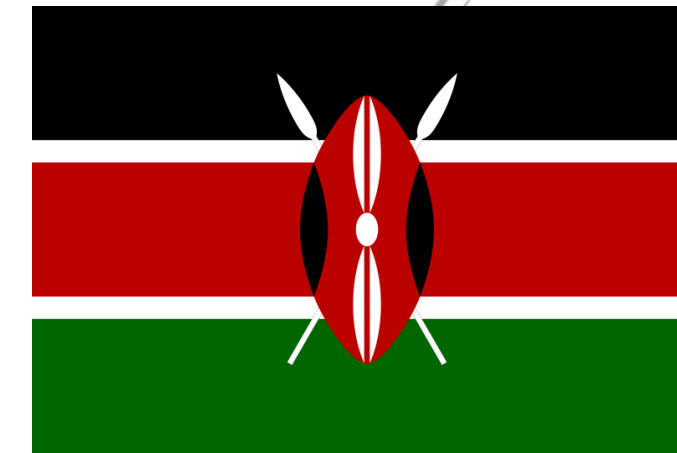
TOC

Ethiopia

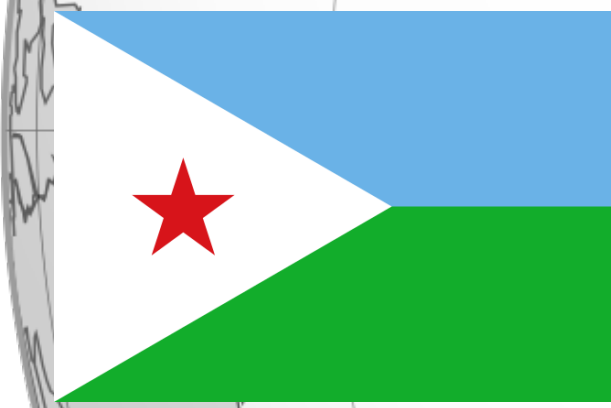
Grand Ethiopian Renaissance Dam

Flag image credits: Wikipedia.

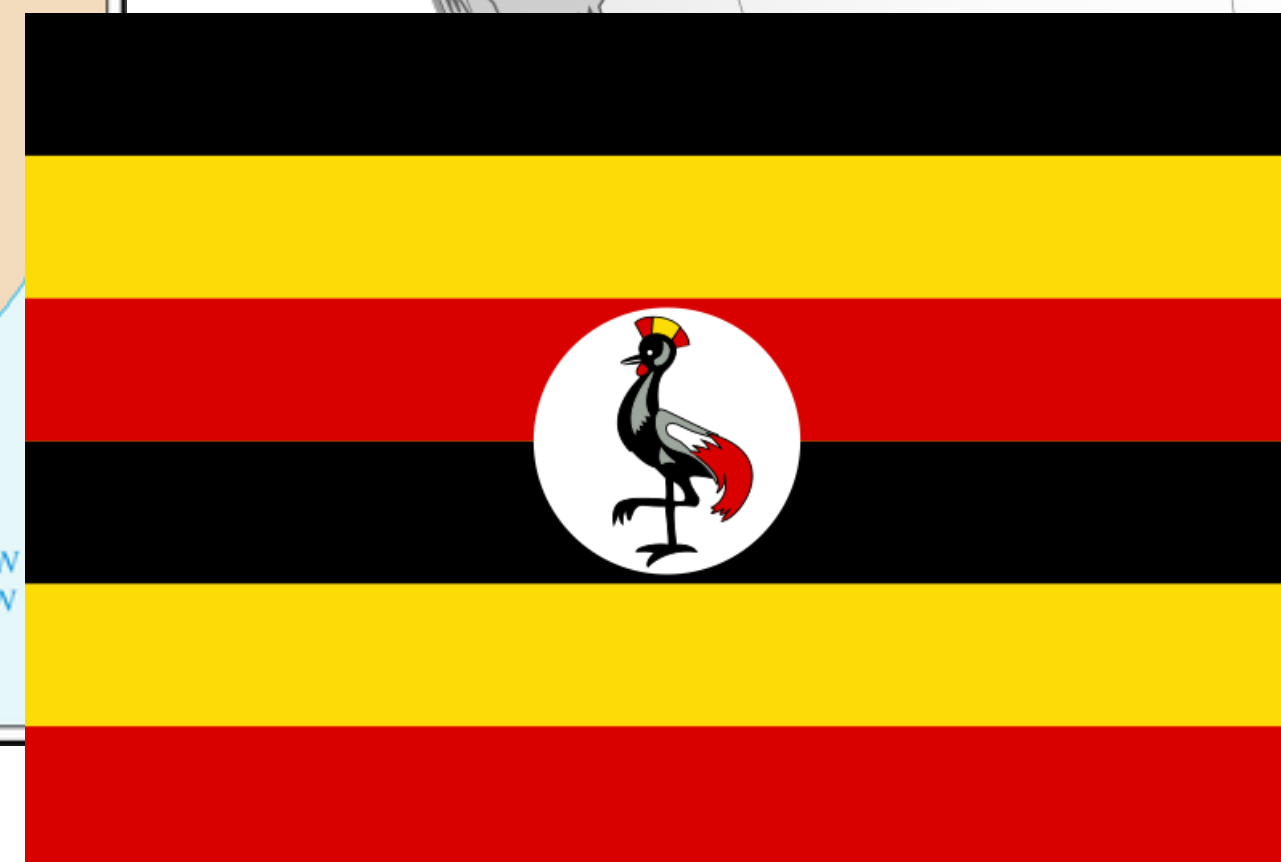
Flag of Kenya



Flag of Djibouti



Flag of Uganda



Flag of Eritrea



Flag of Sudan



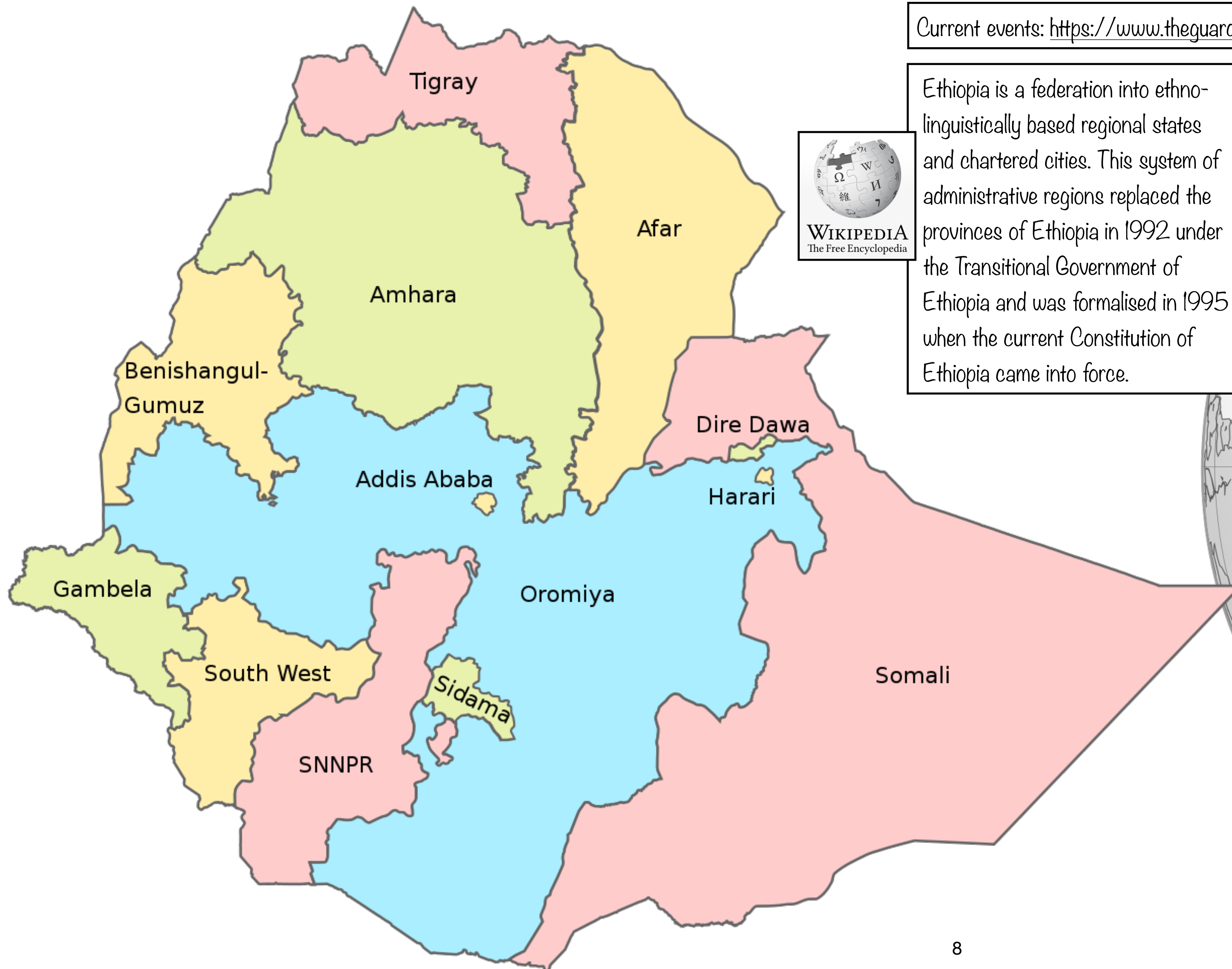
Current events: <https://www.theguardian.com/world/ethiopia>

TOC

Ethiopia



Ethiopia is a federation into ethno-linguistically based regional states and chartered cities. This system of administrative regions replaced the provinces of Ethiopia in 1992 under the Transitional Government of Ethiopia and was formalised in 1995 when the current Constitution of Ethiopia came into force.



"José Pedro Castillo Terrones is ... serving as the 130th president of Peru since 28 July 2021, ..."



Upon taking office, Castillo appointed feminist and pro-LGBT activist Anahí Durand as head of the Ministry of Women and Vulnerable Populations, with Prime Minister Guido Bellido releasing a statement promising to "beat racism, classism, machismo, and homophobia."

■ Leadership Subgroup

Identify AIAA Diversity and Inclusion Ambassadors for each of the following underrepresented minority engineering organizations

- ✓ American Indian, Science and Engineering Society (AISES)
- ✓ National Society of Black Engineers (NSBE)
- ✓ Out in STEM (oSTEM)
- ✓ Society of Asian Scientists and Engineers (SASE)
- ✓ Society of Hispanic Professional Engineers (SHPE)
- ✓ Society of Women Engineers (SWE)

The 2021-2023 AIAA Diversity Plan

TOC

Peru



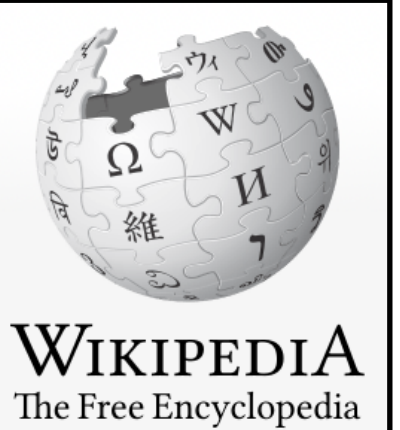
Diversity and Inclusion

Douglas Yazell, Jackelynn Silva-Martinez

AIAA Houston Section Annual Technical Symposium 2021

AIAA Houston Section ATS was postponed from Saturday, November 13, 2021, to a Saturday in March 2022.

Saturday, November 13, 2021



AMLO identifies new adversary, his alma mater UNAM

Opposition politicians called the remarks 'regrettable' and 'reprehensible'

Published on Friday, October 22, 2021

Mexico News Daily

Andrés Manuel López Obrador ... , also known by his initials AMLO, is a Mexican politician who has been serving as the 65th president of Mexico since 1 December 2018.



WIKIPEDIA
The Free Encyclopedia



TOC

Mexico



WIKIPEDIA
The Free Encyclopedia



PERSONAL

Addressing Racism Matters for Excellence: A Conversation with Three Rice University DEI Leaders



By Rice University Leaders

AVAILABLE ON-DEMAND STARTING

Friday, December 10, 2021

VIEW SESSION NOW



JOIN US FOR FREE

Friday, Dec. 10, 2021 at noon CT

REGISTER NOW

Three Rice University leaders discuss why excellence in higher education and all fields requires reckoning with and addressing racism, past and present. The presenters share examples of ongoing Rice University initiatives, drawing on their expertise leading campus-wide DEI efforts with students, faculty, staff and other community members. Presenters will also offer insights on fostering safe, welcoming, inclusive environments to learn, work, play, and live in and provide “provocations” to help individuals and institutions embrace diversity, equity, inclusion and antiracism as sustained community-wide practices. The event includes conversation among the presenters and an audience Q & A.

This session is brought to you through a partnership with [Rice Athletic's Owl In Task Force](#) and [Community Learning & Engagement](#) at the [Glasscock School of Continuing Studies](#). The Owl In Task Force is a group of student-athletes, coaches, and staff who come together to address Athletics' efforts in education, policy, and action as it relates to diversity, equity, inclusion, and social justice.



RICE UNIVERSITY
Community Learning
& Engagement
Susanne M. Glasscock School of Continuing Studies

MAKING BLACK LIVES MATTER IN FRANCE

CENTER FOR BLACK
STUDIES RESEARCH
UC SANTA BARBARA



Tuesday, May 18, 2021

2:00PM

In this talk I will discuss my ongoing ethnographic research on anti-racist mobilization and activism against police violence, and put that in conversation with anti-racist mobilization and the BlackLivesMatter movement both in the United States and worldwide. I discuss what it means to consider Black Lives Matter in a society that disavows race and racism and how anti-racist activists in France, many of whom are Black and Maghrebin-origin, assert a place for themselves in a society that continually marginalizes them.

Bio: Jean Beaman is Associate Professor of Sociology at the University of California, Santa Barbara, with affiliations in Political Science, Feminist Studies, Global Studies, and the Center for Black Studies Research. Her research is ethnographic in nature and focuses on race/ethnicity, racism, international migration, and state-sponsored violence in both France and the United States. She is author of *Citizen Outsider: Children of North African Immigrants in France* (University of California Press, 2017).

George Lipsitz is a professor at the CBSR of UCSB. One of his books is listed under Additional Resources for diversity on our AIAA website.