

Weekly Status, D. Yazell, AIAA

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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)

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

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

Slide 9-Mexico

Slide 10-AIAA Houston Section History technical committee

Vivian Ho  
Sun 9 Jan 2022 06.00 EST

The  
Guardian  
For 200 years

California  
**'If not us, then who?': inside the landmark push for reparations for Black Californians**

Taskforce including civil rights leaders and attorneys  
scrutinizes legacy of centuries of injustice

# 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.**

The 2021-2023 AIAA Diversity Plan

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

Southlake, a 2021 NBC News  
podcast and documentary about K-12 diversity in public schools in Southlake Texas

Texas Monthly

ARTS & ENTERTAINMENT

**The ‘Southlake’ Podcast Is a Troubling Look at the Race Debate Tearing Apart a North Texas Suburb**

I grew up in Southlake and was mostly blind to the racism all around me. The NBC series changed my perspective.

By Ian Dille | October 20, 2021



**VOICES | Opinion** This piece expresses the views of its author(s), separate from those of this publication.

**Reporting for NBC's Southlake podcast on racial tensions revived my own childhood memories**

Antonia Hylton Opinion contributor

Published 6:01 a.m. ET Sept. 2, 2021

**DRAFT Carroll ISD Cultural Competence Action Plan**

This Five-Year Cultural Competence Action Plan was created as the result of the work of the District Diversity Council (DDC) and will be presented to the Carroll ISD School Board for adoption on August 3, 2020.

The plan follows the four-step RPIE communications process:

- 1) Research – what is the problem and why does it matter?
- 2) Planning – who needs to know and what should we tell them?
- 3) Implementation – when and how do we tell them? who will do it and how much will it cost?
- 4) Evaluation – how did we do?

The Dallas Morning News

NEWS > EDUCATION

**Feds open civil rights investigations into Southlake Carroll schools**

U.S. Department of Education will probe allegations of racial and gender discrimination.

By Talia Richman and Emily Donaldson  
10:35 AM on Nov 17, 2021

**Maya Yang**  
Tue 11 Jan 2022 03.00 EST

**The  
Guardian**  
For 200 years

**US education**

**GOP state senator walks back comments on Nazi history in schools**

Scott Baldwin faced backlash after his comments during a hearing on Senate Bill 167, which would ban 'concepts that divide' in schools



**WIKIPEDIA**  
The Free Encyclopedia

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

Climate crisis

US hit by 20 separate billion-dollar climate disasters in 2021, Noaa report says



Nina Lakhani *Climate justice reporter*

Mon 10 Jan 2022 23.33 EST

Year was third-costliest extreme weather year on record with affected communities spread from coast to coast

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[Climate](#)

Vox

recode

## Electric cars aren't just vehicles. They're big batteries.

To get more Americans in electric vehicles, we all need to realize they can do much more than just get us around.

By Neel Dhanesha | neel.dhanesha@vox.com | Jan 8, 2022, 8:00am EST



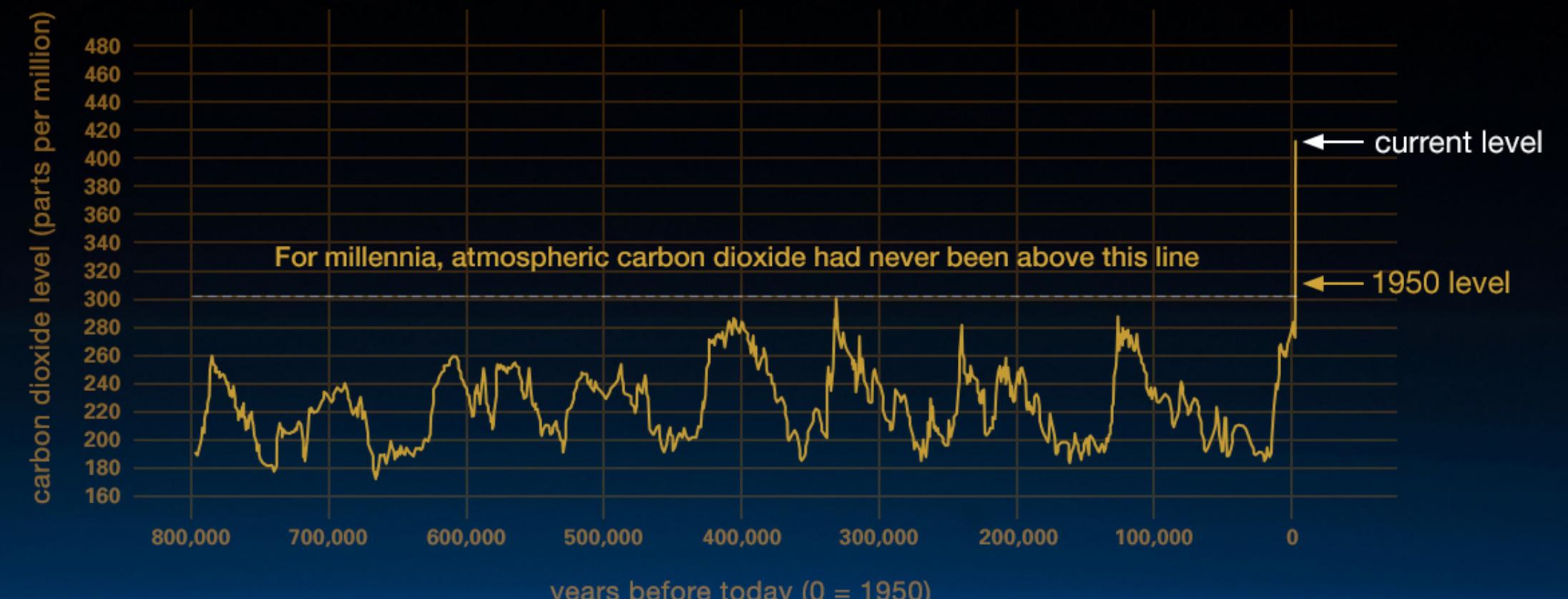
## Hottest ocean temperatures in history recorded last year

Ocean heating driven by human-caused climate crisis, scientists say, in sixth consecutive year record has been broken

Oliver Milman

@olliemilman  
Tue 11 Jan 2022 04.00 EST

climate.nasa.gov



### CARBON DIOXIDE

↑ 417 parts per million  
(current)

### GLOBAL TEMPERATURE

↑ 1.18 °C since 1880

### ARCTIC SEA ICE EXTENT

↓ 13.0 percent per decade since 1979

### ICE SHEETS

↓ 428 billion metric tons per year

### SEA LEVEL

↑ 3.4 millimeters per year

### OCEAN HEAT ADDED

↑ 326 zettajoules since 1955

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 Basha Bedada, PhD and Berhan Gessesse, PhD

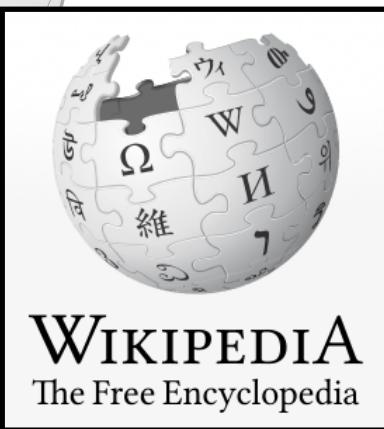
Houston: Thomas Haregot

Peru-USA:

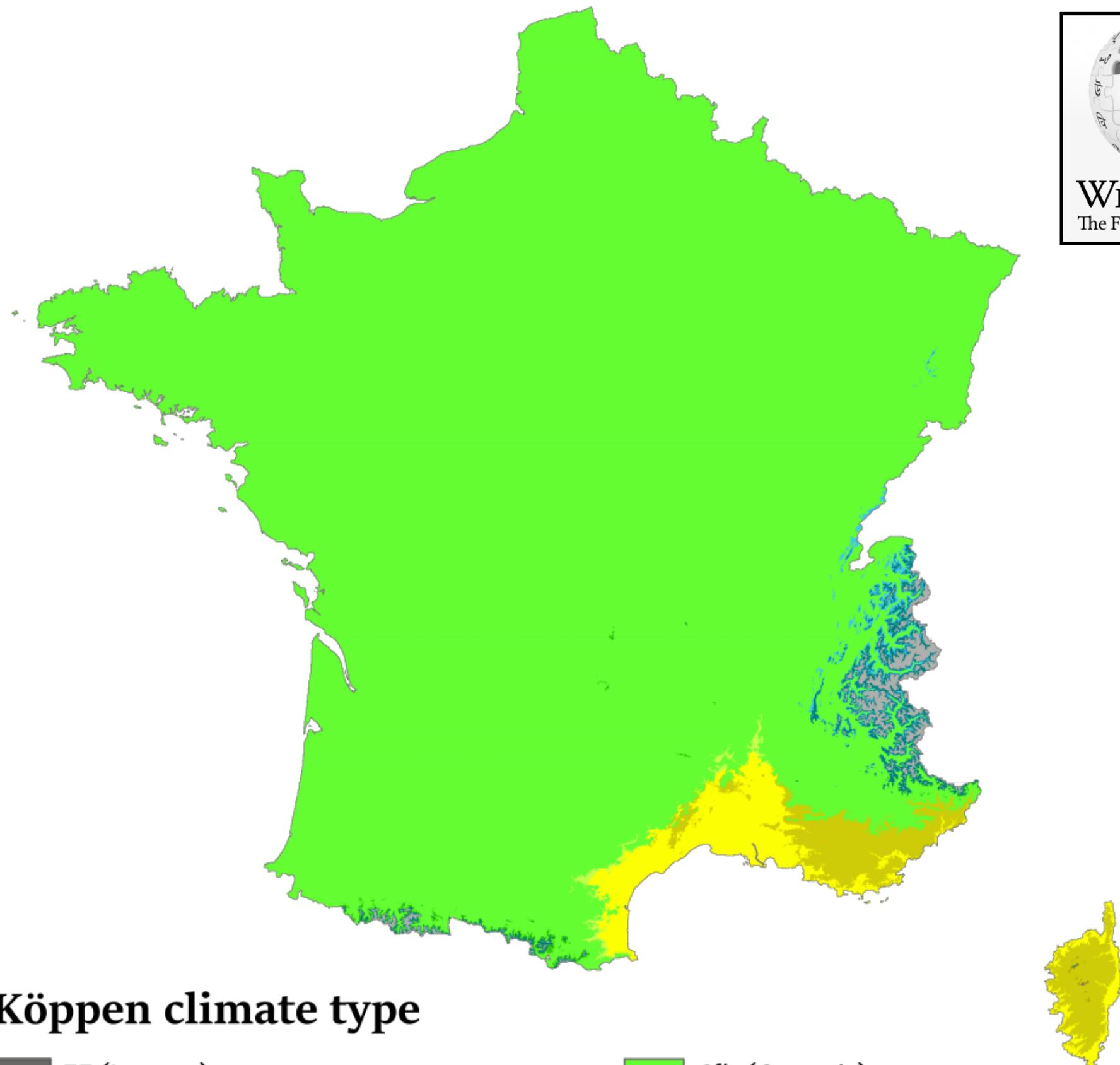
Houston: Jackelynne Silva-Martinez

Peru: Julio Valdivia, Saul Perez

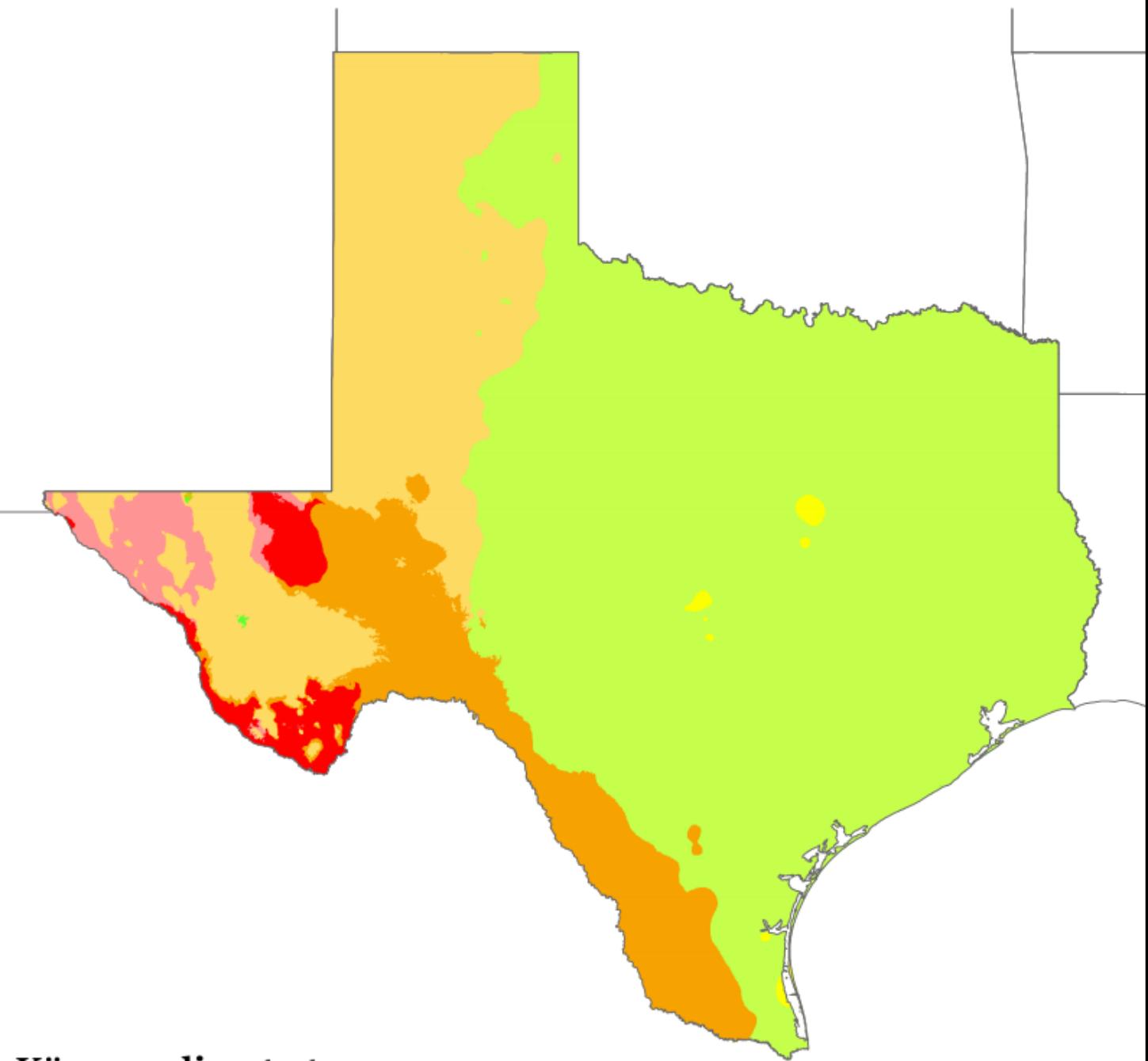
alain.chevalier31@yahoo.fr  
francis.guimera@orange.fr  
douglas.yazell@me.com  
tulubesha@yahoo.com  
tharegot@gmail.com  
jackysumac@yahoo.com



## Köppen climate types of France



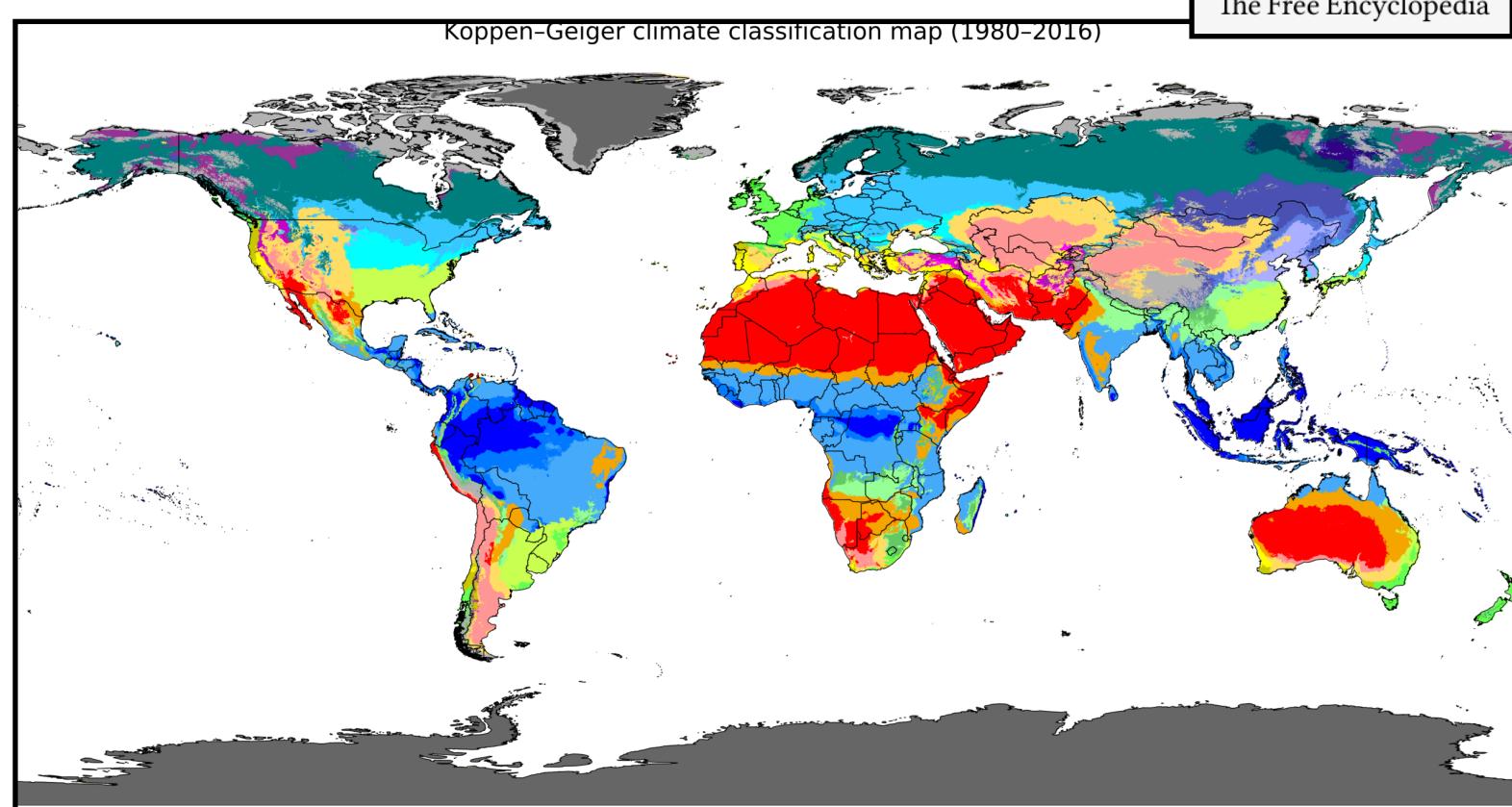
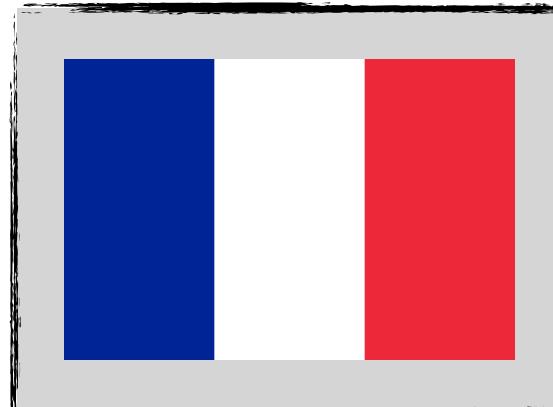
## Köppen climate types of Texas



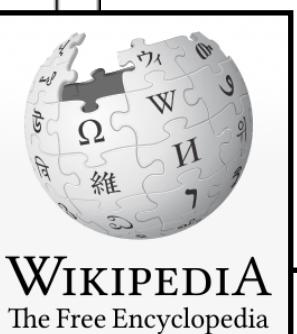
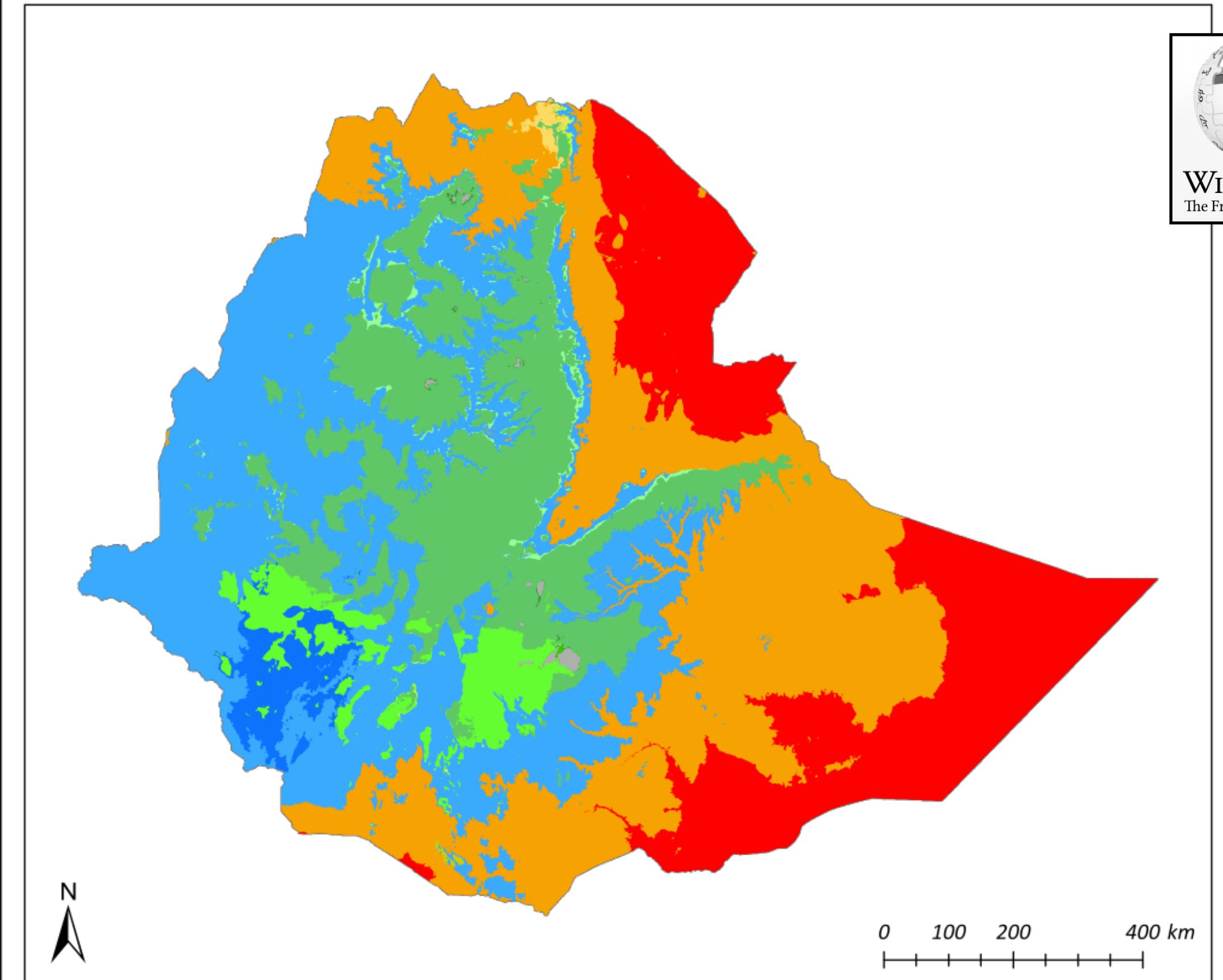
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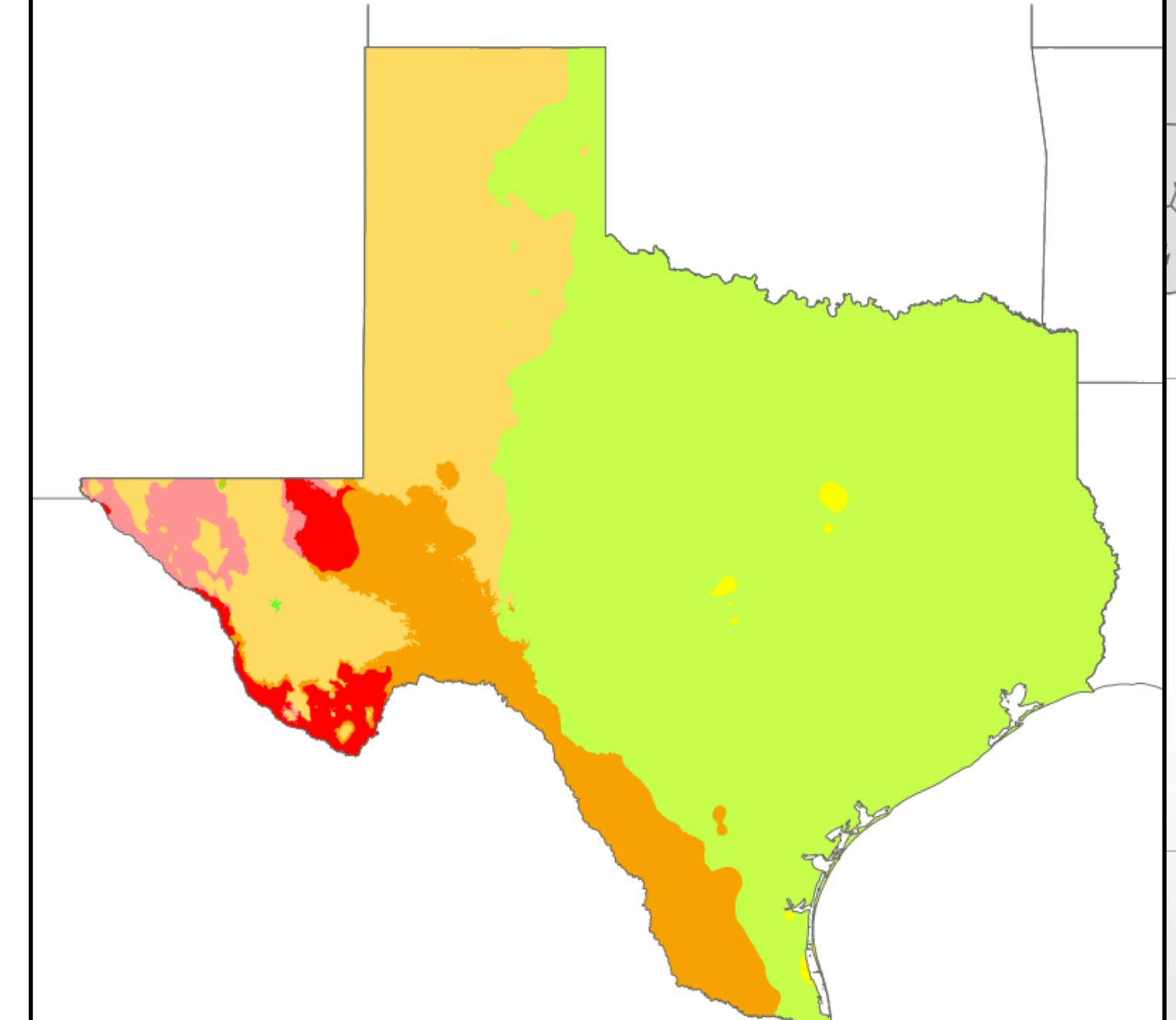
France



## Köppen Climate Types of Ethiopia



## Köppen climate types of Texas



### Köppen climate type

Cfb (Oceanic)	Csa (Hot-summer mediterranean)	BWk (Cold desert)
Cfa (Humid subtropical)	BSk (Cold semi-arid)	BWh (Hot desert)
Cfb (Oceanic)	Csb (Warm-summer mediterranean)	BSh (Hot semi-arid)
Cfc (Subpolar oceanic)		
ET (Tundra)		

\*Isotherm used to distinguish temperate (C) and continental (D) climates is -3°C  
Data sources: Köppen types calculated from data from PRISM Climate Group, Oregon State University, <http://prism.oregonstate.edu>; Outline map from US Census Bureau

Climate types calculated from data from WorldClim.org (1970-2000 normals)

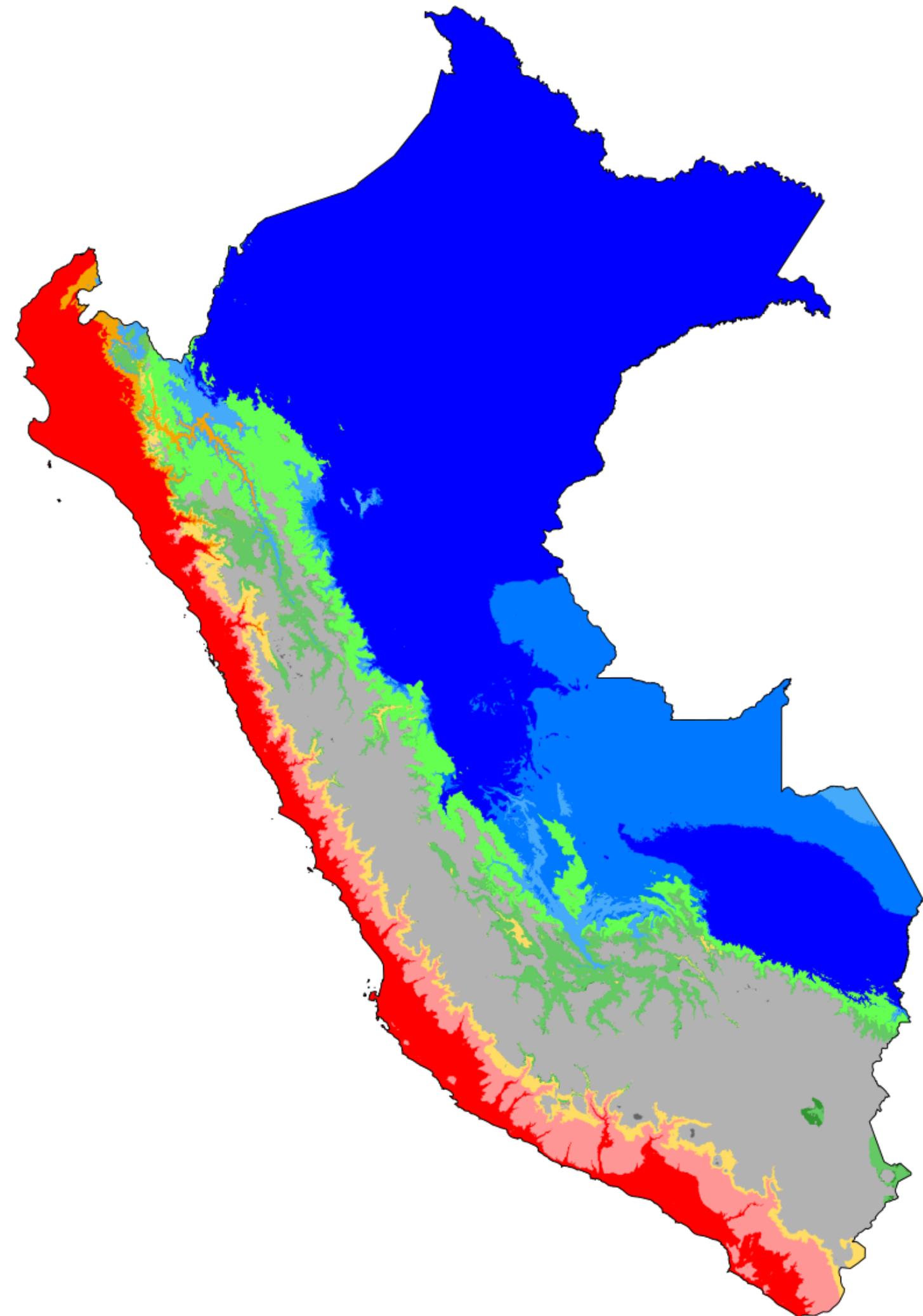
Coordinate system: Mercator  
Map created by Adam Peterson on 31 Oct, 2018  
This work is licensed under CC BY-SA 4.0

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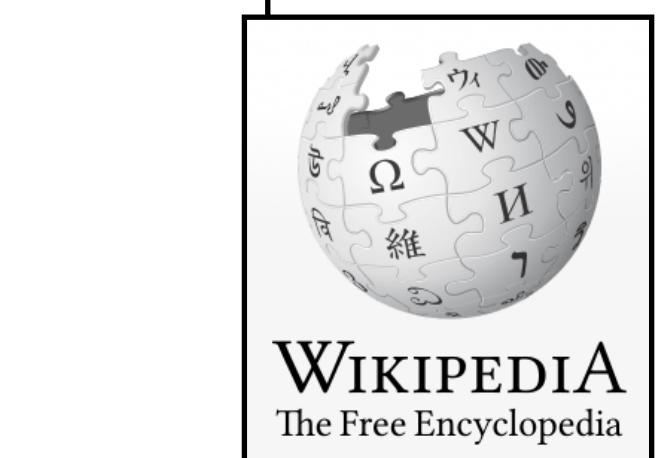
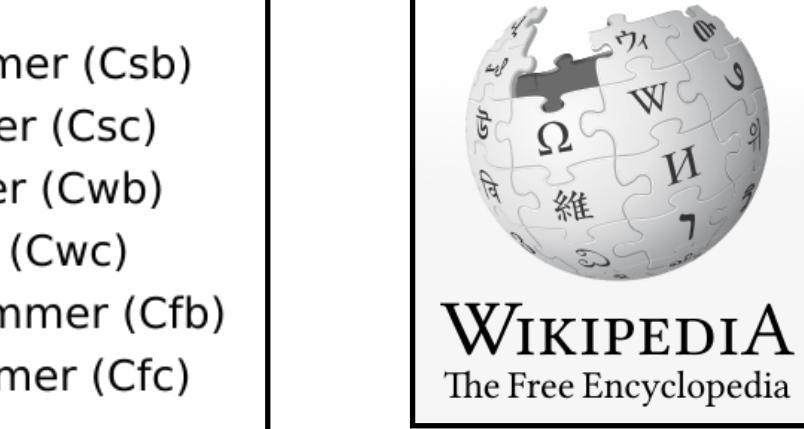
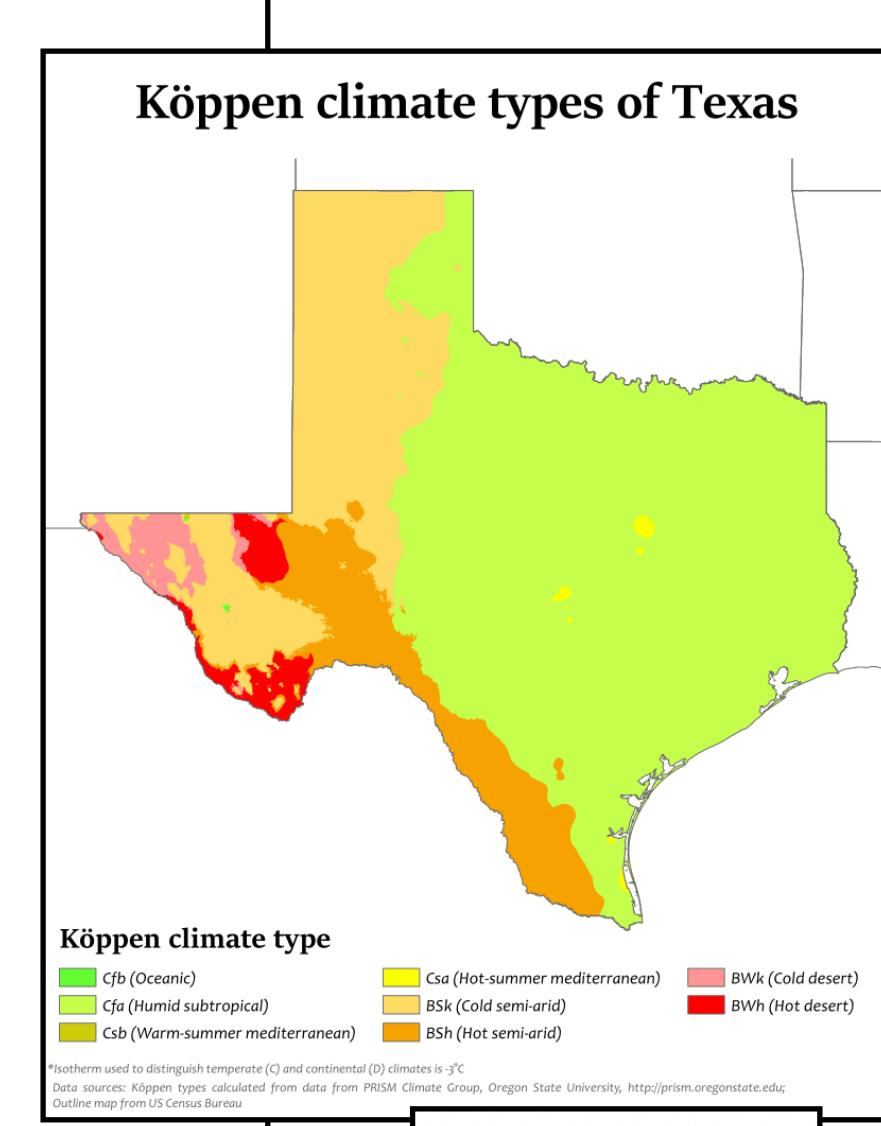
Ethiopia



Köppen-Geiger climate classification map for Peru (1980-2016)



- The map shows the Köppen-Geiger climate classification for Peru. The color legend indicates the following climate types:
- Tropical, rainforest (Af)
  - Tropical, monsoon (Am)
  - Tropical, savannah (Aw)
  - Arid, desert, hot (BWh)
  - Arid, desert, cold (BWk)
  - Arid, steppe, hot (BSh)
  - Arid, steppe, cold (BSk)
  - Temperate, dry summer, warm summer (Csb)
  - Temperate, dry summer, cold summer (Csc)
  - Temperate, dry winter, warm summer (Cwb)
  - Temperate, dry winter, cold summer (Cwc)
  - Temperate, no dry season, warm summer (Cfb)
  - Temperate, no dry season, cold summer (Cfc)
  - Polar, tundra (ET)
  - Polar, frost (EF)





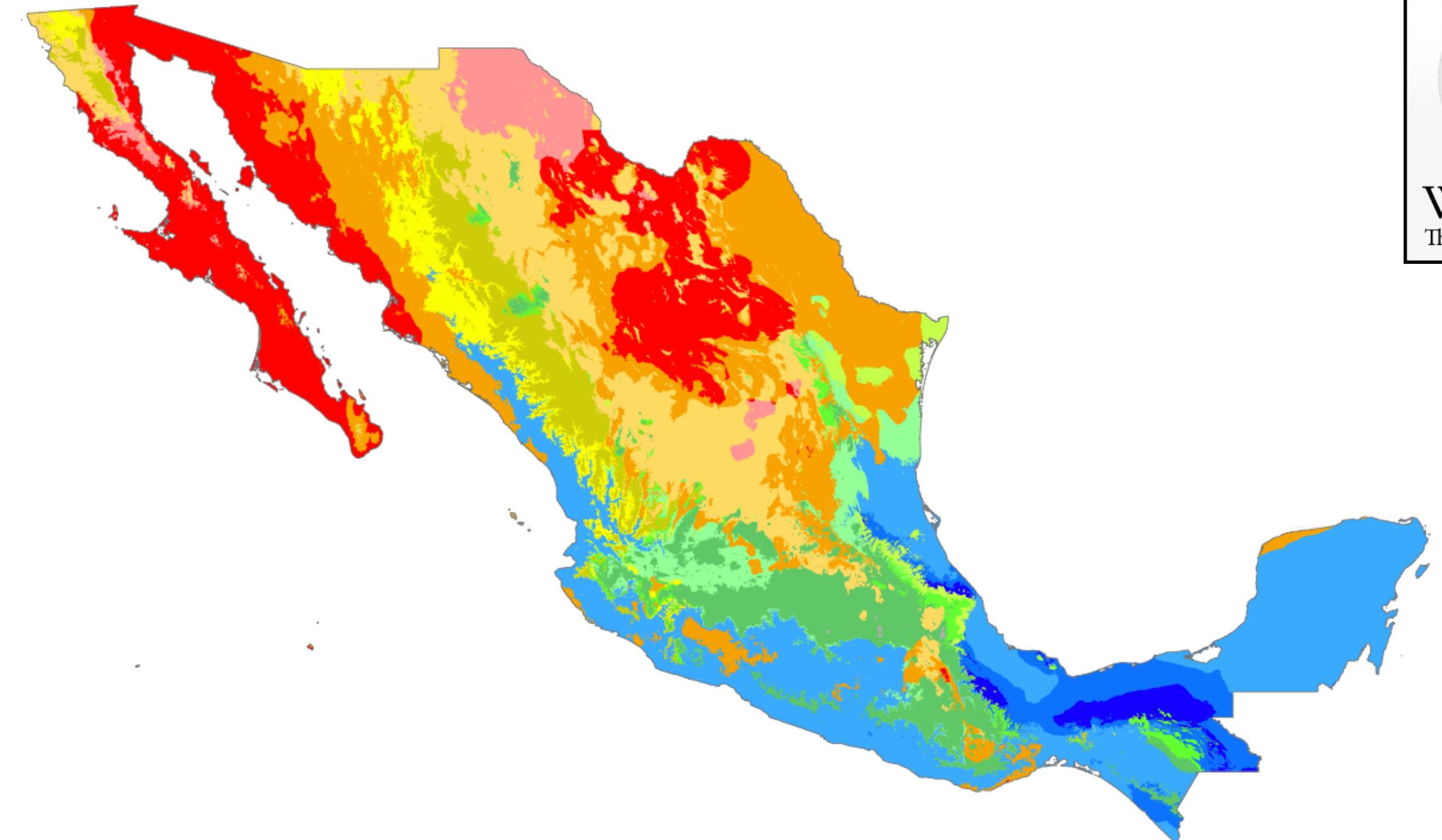
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Mexico

AIAA Region VII (International) and Region IV (four states + Mexico)



# Köppen climate types of Mexico



## Köppen climate type

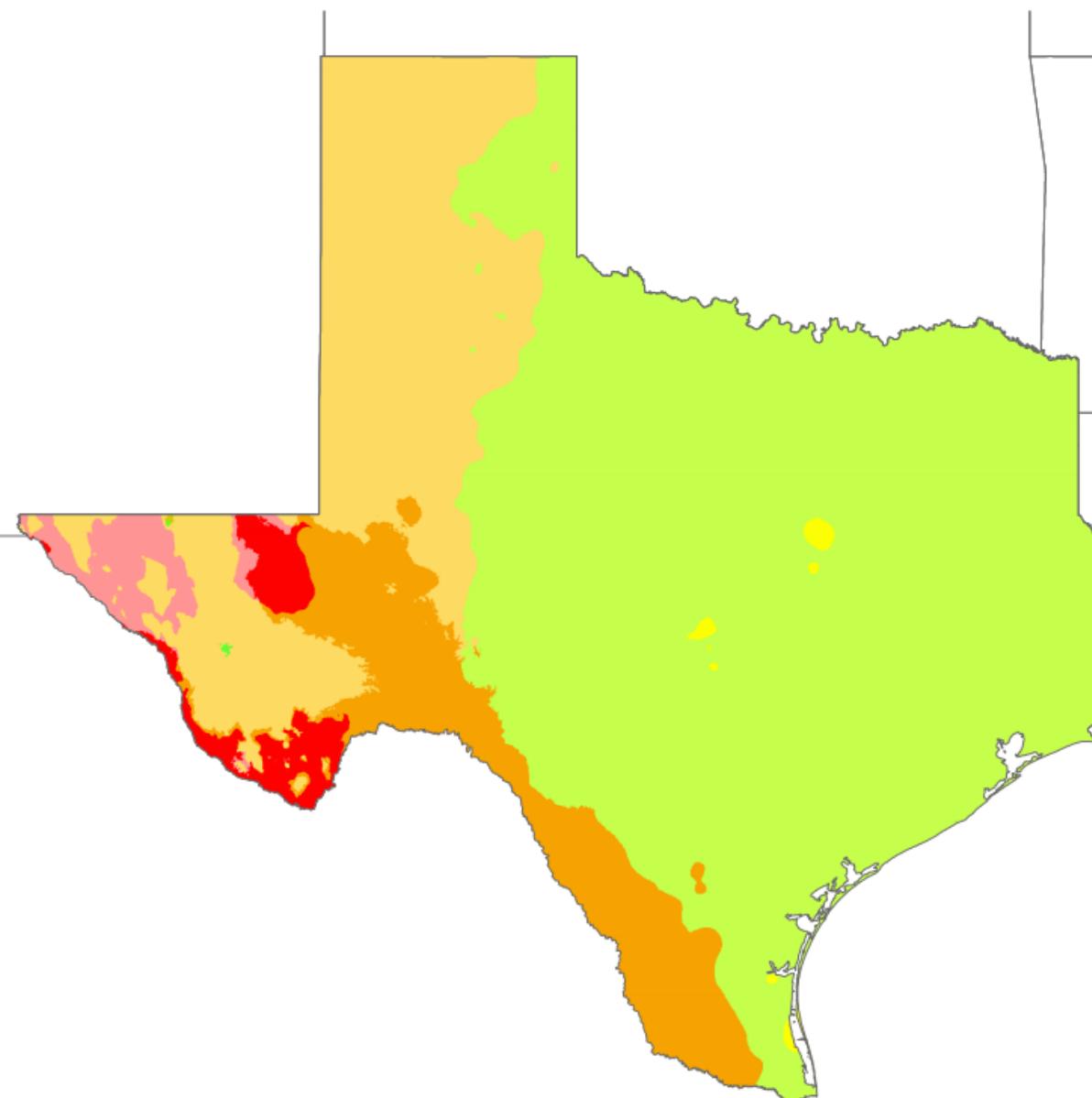
Af (Rainforest)	BSh (Hot semi-arid)
Am (Monsoon)	BSk (Cold semi-arid)
Aw (Savanna)	Csa (Hot-summer mediterranean)
BWh (Hot desert)	Csb (Warm-summer mediterranean)
BWk (Cold desert)	Cwa (Humid subtropical)

\*Isotherm used to separate temperate (C) and continental (D) climates is -3 °C

Data source: Climate types calculated from data from WorldClim.org



## Köppen climate types of Texas



## Köppen climate type

Cfb (Oceanic)	Csa (Hot-summer mediterranean)
Cfa (Humid subtropical)	BSk (Cold semi-arid)
Csb (Warm-summer mediterranean)	BSh (Hot semi-arid)

\*Isotherm used to distinguish temperate (C) and continental (D) climates is -3°C  
Data sources: Köppen types calculated from data from PRISM Climate Group, Oregon State University, <http://prism.oregonstate.edu>; Outline map from US Census Bureau

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Mexico



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Images: SpaceX Starship ([Wikipedia](#)).

AIAA Houston Section History Technical Committee; Chair, Douglas Yazell

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[History](#)

