

# Csb

## Warm-summer Mediterranean climate

### Location Examples:

- Cape Town, South Africa
- Parada do Monte, Portugal
  - Maitland, Australia
  - Orinda, California

study  
By Tian Lan

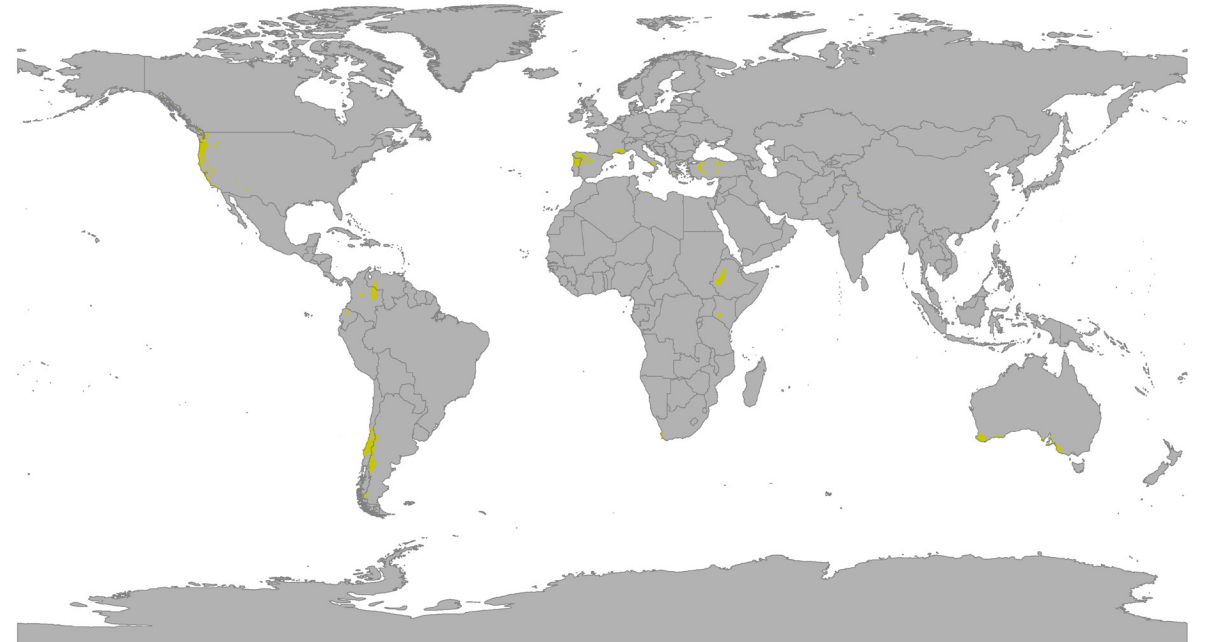
Regions with this Warm-summer Mediterranean climate have warm (but not hot) and dry summers and mild to chilly winters. The average temperature in the warmest month is not higher than 72°F while it ranges from 27-64 °F in the coldest month. Winters are rainy and in a few instances, snow can fall on regions with this climate.

This climate includes the area of northwestern Iberia, namely Galicia and the north of Portugal, coastal California, western Washington and Oregon, Canada's Vancouver Island and Lower Mainland, central Chile, parts of southern Australia and sections of southwestern South Africa.

The effect of the rain could be an important consideration when picking building materials.

Sources:

[https://en.wikipedia.org/wiki/Mediterranean\\_climate#Warm-summer\\_Mediterranean\\_climate](https://en.wikipedia.org/wiki/Mediterranean_climate#Warm-summer_Mediterranean_climate)



Location: Cape Town, South Africa



**Architect:** Heatherwick Studio

**Owner:** V&A Waterfront and Jochen Zeitz

**Year of completion:** 2017

**Climate:** Warm-summer Mediterranean climate (Csb)

**Material of interest:** Unique Concrete cutting techniques, pillowed glass windows

**Application:** Structure, Interior

**Properties of material:** This project repurposing the industrial building which cut the existing concrete tubes structure. Destruct the material to create space instead of construct which joins the separate structure into a single entirety .

**Sources:**

<https://www.wallpaper.com/architecture/heatherwick-studio-zeitz-mocaa-cape-town>

<https://www.archdaily.com/879763/zeitz-museum-of-contemporary-art-africa-heatherwick-studio>

# House in Melgaço

case study  
By Yanan Qian

Location: Parada do Monte, Portugal



**Architect:** Nuno Brandao Costa

**Owner:** N/A

**Year of completion:** 2016

**Climate:** Csb

**Material of interest:** Stone

**Application:** Exterior

**Properties of material:** This stone house in Melgaço in northern Portugal is a resurrection of two homes: the first being the site's original two-story cottage, and the second a nearby, demolished building whose granite stones were transported to create an extension. Stone is greatly valued for its aesthetic appeal, durability, and ease of maintenance.

## Sources:

Architect Website: <http://www.nunobrandaoocosta.com/>

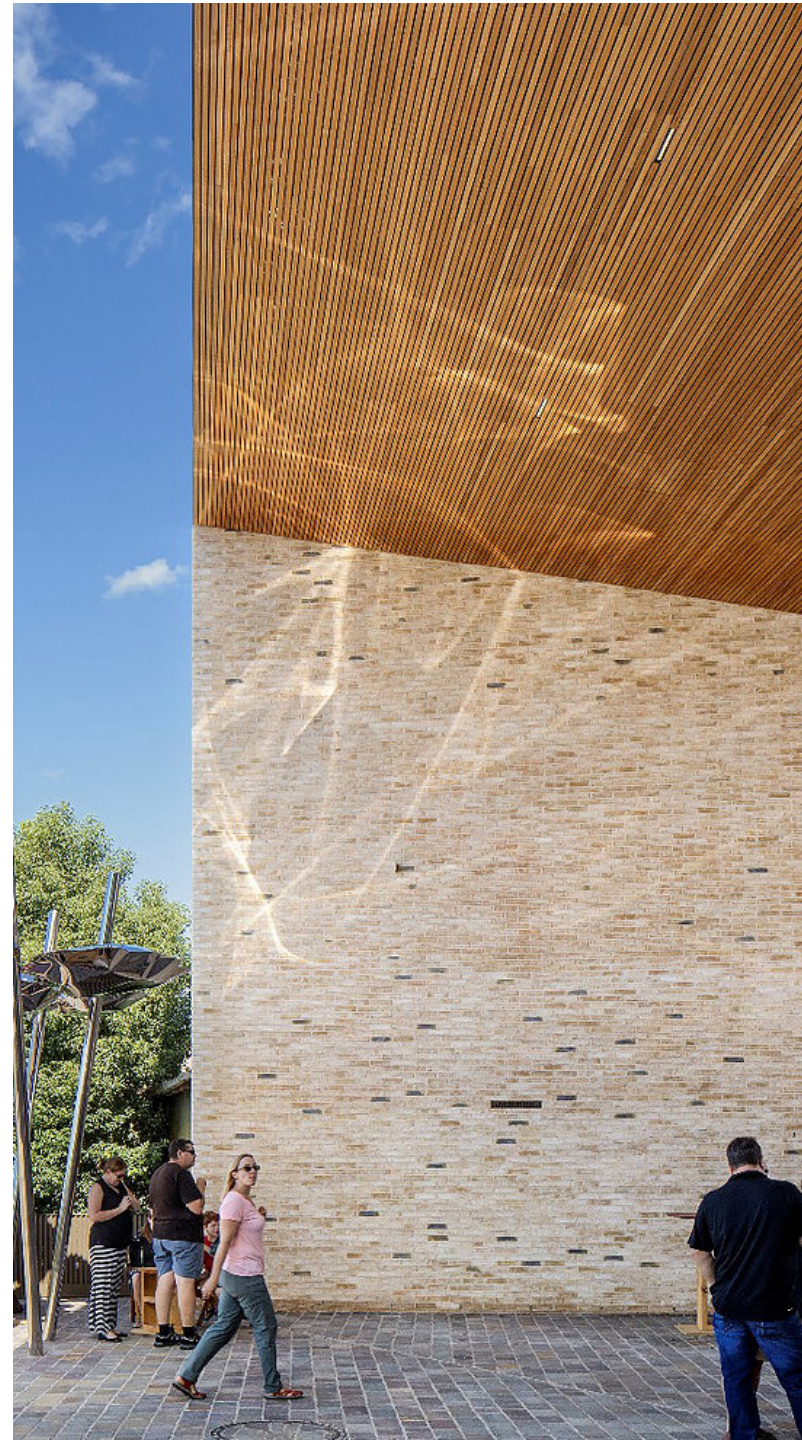
<https://www.archdaily.com/799448/house-in-melgaco-nuno-brandao-costa>

<https://www.curbed.com/2017/3/17/14962124/melgaco-stone-house-nuno-brandao-costa-portugal>

# Maitland Riverlink

case study  
By Patrick Murray

Location: Maitland, Australia



**Architect:** CHROFI, McGregor Coxall

**Owner:** N/A

**Year of completion:** 2018

**Climate:** Csb Warm-sumer Mediterranean

**Material of interest:** Brick

**Application:** Exterior Finish

**Properties of material:** Brick used to match local heritage and adjacent properties in Maitland revitalization as well as mimic local sandstone

**Sources:**

<https://www.robertsons.net.au/single-post/2018/04/10/Maitland%25E2%2580%2599s-Riverlink-Building-A-unique-public-living-room-linking-the-town-to-the-river?andsrc=listing>

<https://www.archdaily.com/893512/maitland-riverlink-chrofi>

# Miner Road

case study  
By Sarah Fahey

Location: Orinda, California



Architect: Faulkner Architects

Owner: Private

Year of completion: 2016

Climate: Mediterranean

Material of interest: Corten Steel

Application: Exterior - rainscreen

Properties of material: durable, no-maintenance, forms a protective layer of rust with exposure to the elements, textural



Sources:

[https://www.architectmagazine.com/project-gallery/miner-road\\_o](https://www.architectmagazine.com/project-gallery/miner-road_o)

<http://thecoolhunter.net/miner-road-house-orinda-california/>

# artist's studio in Washington woodland

case study  
By Ruizhu Han

Location: Puget Sound, Washington, USA



**Architect:** Les Eerkes

**Owner:** N/A

**Year of completion:** 2018

**Climate:** Mediterranean Climate

**Material of interest:** upcycled plywood cladding

**Application:** Exterior

**Properties of material:** Aiding with the build, Hoover charred the material using a Japanese technique called shou sugi ban, which preserves the wood and creates a darker hue that helps the home blend in with woodland surrounding.

**Sources:**

<https://www.dezeen.com/2018/04/01/scavenger-studio-les-eerkes-south-puget-sound-washington-woodland-recycled-materials/>