

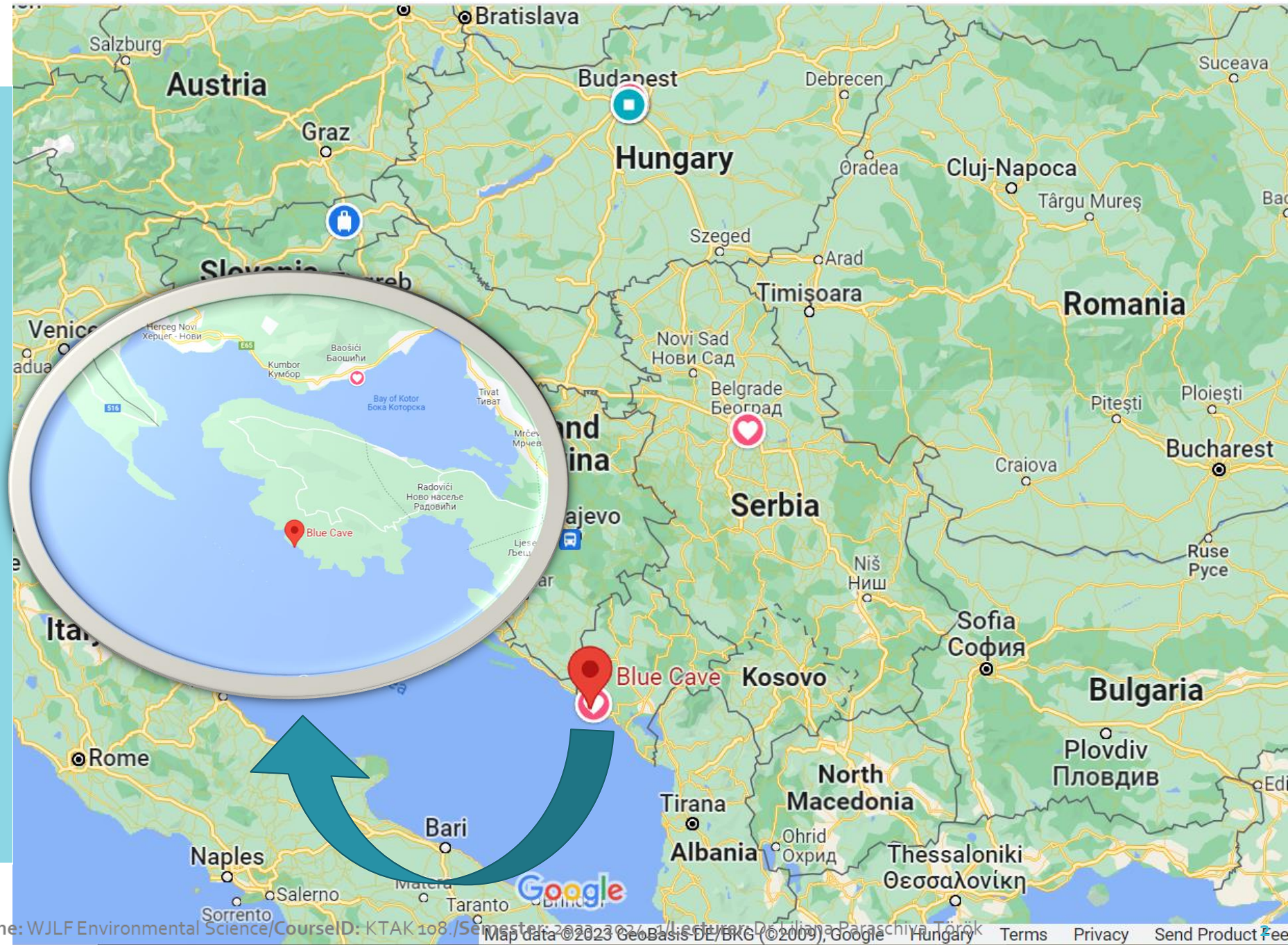
# ~The wonders of the Blue Cave~

*Sofija Zivulovic*



**Location:**  
**Montenegro**

**Original  
name:**  
**Plava Špilja**





- I visited it this summer while on vacation with friends.
- I was amazed by the beauty of it.
- Montenegro and Serbia were one country until 2006. and share the same culture and are the same nation historically.

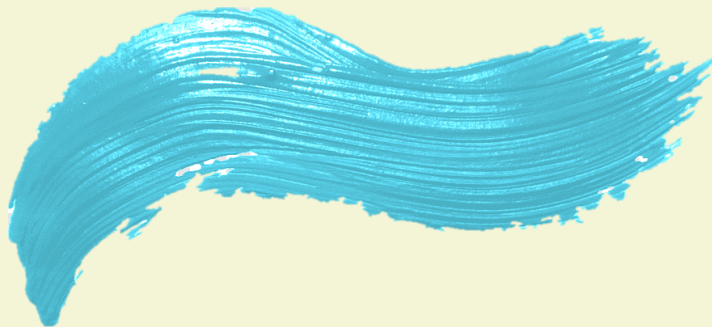


## Why I chose this cave for the presentation?

# THE NAME



- The name Blue Cave represents the blue color of the water inside.
- Rays of sunshine hit the water and reflect on it which makes an incredible shade of bright blue.

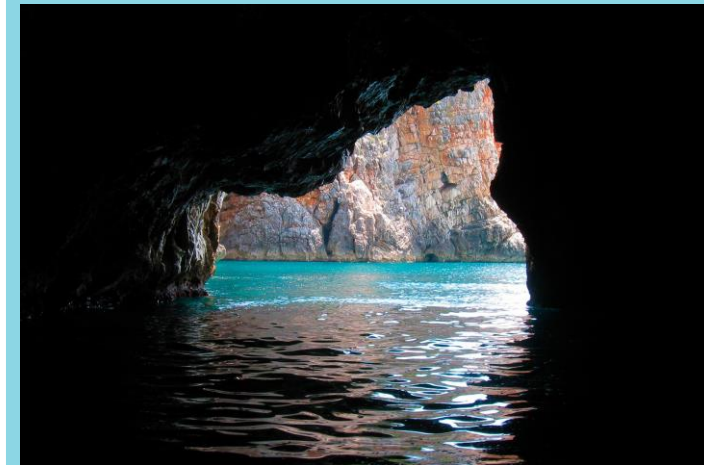


# Description

- One of the most beautiful and largest caves on this coast of the Adriatic sea.
- It has two entrances, a smaller and a larger one.
- Small to ordinary sized boats can enter.
  
- **Depth:** → 4-5 meters.
- **Height:** → 9 meters.
- **Surface:** → 300m<sup>2</sup>.



2 entrances





# Species



- **In water** – many different kinds of 1. fish, sessile organisms (2. sponges, 3. cnidaria, 4. bryozoa), green algae, Echinodermata (5. starfish, sea urchins), 6. shells
- **Above water** – bats, pigeons, crabs ...



1. *Apogon imberbis*



3. *Leptopsammia pruvoti*

5. *Hacelia attenuata*



2. *Clathrina Clathrus*

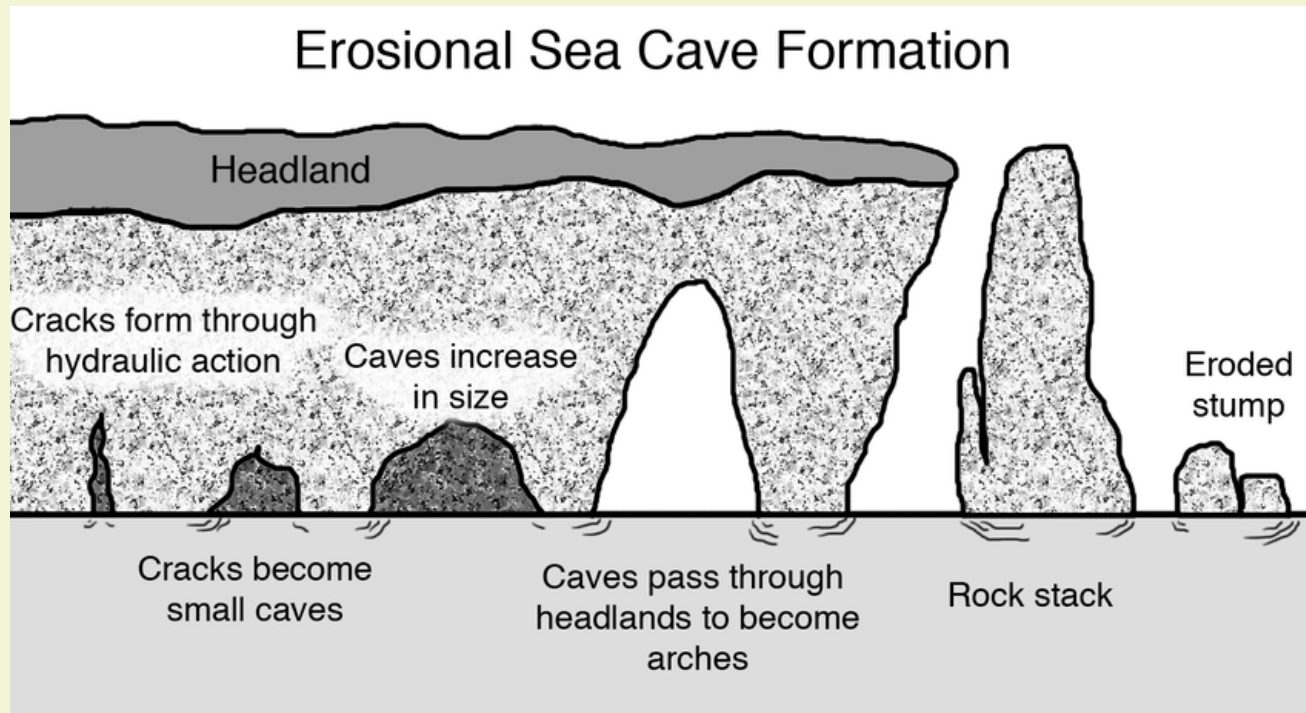


4. *Myriapora truncata*



6. *Mytilus galloprovincialis*

- Primarily from erosion caused by the waves hitting the land coast, rock wall.
- Most sea caves form along weaknesses in the rock, such as faults and fractures.



**How was  
it formed?**

# My experience!





# References:

- Information websites:
- <https://www.discover-montenegro.com/plava-spilja/> ,
- <http://www.mojacrnagora.com/boka-plava-spilja-lustica/> ,
- <https://www.nps.gov/subjects/caves/sea-or-littoral-caves.htm#:~:text=Sea%20caves%20or%20littoral%20caves,nearly%20every%20type%20of%20rock.>
- <https://www.divinginmontenegro.com/sr/ronjenje/lokacije/plava-spilja.html>
- <https://adria.fun/en/the-wonderful-blue-cave/>
- <https://adriaticnature.me/archives/category/sea/adriaticfishes>
- Mačić, V., Panou, A., Bundone, L., Varda, D., Pavićević, M. (2018) “*First Inventory of the Semi-Submerged Marine Caves in South Dinarides Karst (Adriatic Coast) and Preliminary List of Species*” Turk. J. Fish.& Aquat. Sci. 19(9), 765-774; [http://doi.org/10.4194/1303-2712-v19\\_9\\_05](http://doi.org/10.4194/1303-2712-v19_9_05)
- Location: [https://www.google.com/maps/place/Blue+Cave/@42.3931083,18.6105541,11.77z/data=!4m6!3m5!1s0x134c251b48866cd1:0x534160701f24744!8m2!3d42.3740712!4d18.5963398!16s%2Fg%2F11g\\_pfjip?hl=en&entry=ttu](https://www.google.com/maps/place/Blue+Cave/@42.3931083,18.6105541,11.77z/data=!4m6!3m5!1s0x134c251b48866cd1:0x534160701f24744!8m2!3d42.3740712!4d18.5963398!16s%2Fg%2F11g_pfjip?hl=en&entry=ttu)
- Pictures: my personal photo camera and Google images

# THANK YOU FOR YOUR ATTENTION!

Contact information

email: [sofijazivulovic@gmail.com](mailto:sofijazivulovic@gmail.com)