

# 2011

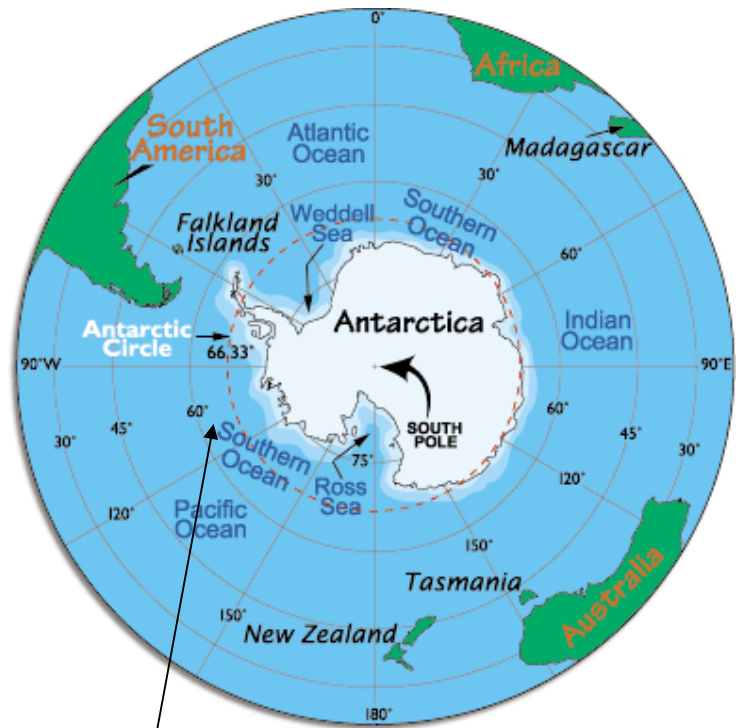
## The Antarctic



3/2/2011

## Introduction

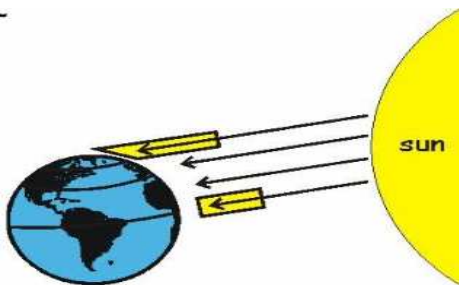
Ladies and gentlemen, I'm here to tell you all about Antarctica, Antarctica is the region lying south of the Antarctica circle, and surrounds the South Pole. The ocean that surrounds Antarctica is southern ocean, Indian Ocean, Pacific Ocean and Atlantic Ocean. There is a very small piece of land which points towards South America. Antarctica is very far from the equator that's why it is so cold. Antarctica contains 90% of the world's ice, and it contains 10% of the world's surface. If all of the ice in Antarctica melted, the sea level would raise 60 meters. In the summer It is almost one and a half times the Size of USA



Antarctica  
circle

Antarctica is very cold that's why people don't go there because they might freeze to death, the temperature falls below  $-70^{\circ}\text{C}$  in places. If you take off your gloves and your finger will freeze in seconds. You will get bad frostbite and they'll need to be rapped up warm.

At the earth's pole the same amount of the sun's energy is spread over a large area, this means that Antarctica doesn't have much heat because, it is harder to reach the south pole as a result Antarctica will be cold because the sun can't reach it



# **Who has control of Antarctica?**

Who has control of Antarctica? Well in the Antarctic treaty, In the first half of the 20<sup>th</sup> century, many countries claimed territory in Antarctica. In order to prevent future conflict, 12 countries signed the Antarctica treaty in 1959, which suspended all national claims to the continent for science, and stated that it should be used for peaceful purposes only. Today, 45 countries have signed the treaty, which is one of the most successful examples of international cooperation.

Now how do we use Antarctica, Antarctica is used mainly for research, and could give answers relating to future climate change. There is an international agreement not to develop the natural resources contained within the continent but I feel that in the near future we will become more desperate for gas and oil, and that the current situation will worsen.

The ozone layer is between 15 –30 km (9 – 19 miles) up in the stratosphere. It protects the earth from the sun's harmful rays by absorbing ultraviolet radiation. In recent years, scientists have observed a hole in the ozone layer above Antarctica. The hole is three times larger than the US and has caused huge concern about production of ozone destroyed gases. These findings suggest Antarctica is much more fragile than was previously thought



# The reason for development

The reason that Antarctica should be developed is that there are loads of resources to help us or tell us more about Antarctica like fishing, miners, research, tourism and military

## Fishing

Fishing should be developed because there are plenty of fishes in the ocean, enough for everyone. The world's population is rising, krill may be the answer to global food shortage, No one owns these waters, they belong to everyone. Fishing has taken place for hundreds of years. We depend upon fishing to make our livelihood, We will agree to fish quotas.

## Miners

Miners should be developed because there are huge reserves of coal, oil and precious metals. They will serve the world's needs. As non-renewable resources run out we need to find other sources.

## Researcher

Researcher should be developed because its greatest value might be the information it can provide about our planet. It's the best location to monitor the Ozone Hole. The ice can be tested to show past levels of global pollution.

## Tourist

Tourist should be developed because People should be allowed to see the area, as the world belongs to us. Environmentally friendly tourism provides money for conservation projects. Internationally agreed guidelines reduce the effects that tourists have e.g. tourists have to take their rubbish with them.

## Military

Military should be developed because no one lives there it would be an ideal place to test new weapons & nuclear bombs.



# The reasons for not developing

The reasons that we should not develop Antarctica is that it should be peaceful and safe for people

## Fishing

Arguments against fishing, they should not be able to fish because by fishing you're killing the fish and that means that the population of the fish in Antarctica would go down.

My opinion is against fishing because that way the population of fish won't go down and because the fish is one of the most important animals in Antarctica and if people keep fishing the population of the fish would go down and the fish may not be one of the most popular animals in Antarctica anymore.

## Miners

The environment has problems with the global warming it is getting colder in Antarctica and loads of icecap is starting to melt and the sea level is at risk.

## Researchers

My Arguments against researcher, they should not be able to hurt or threaten the animals and let them suffer with an injection just to cure us for the future generation.

## Tourist

Tourist should not go to Antarctica because we should leave the Animals and creatures in peace as they are already suffering with the researcher taking injection and miners giving problems with miners

## Military

If you test weapon or bombs it will lead to a big danger for environment or the animals it should leave everyone in peace.

## Conclusion

I think that Antarctica should and should not be developed because it help us and it does not help Antarctica like with miners we are running out of oil and it is helping us bringing more but it is destroying the environment. If we had a solution of stopping environment to be destroyed or the animals to get illness then I might change my mind that we should develop Antarctica.

I think tourist should come and see Antarctica as it is such nice place to go there

