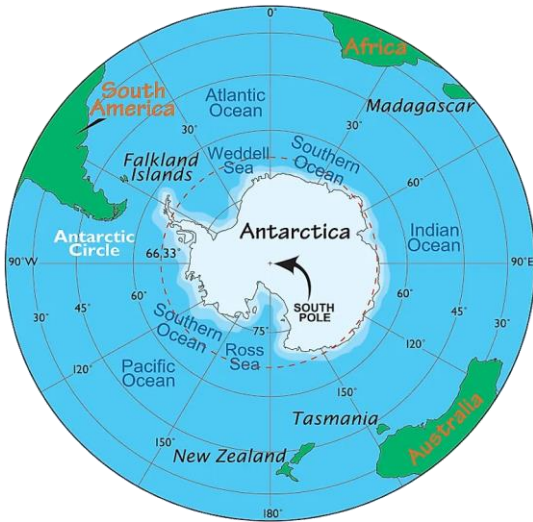


### अध्याय – 06 || Chapter – 06 अंटार्कटिका महाद्वीप || Antarctica Continent



- 01 सामान्य परिचय || General Introduction
- 02 भारत व अंटार्कटिका || India and Antarctica

1

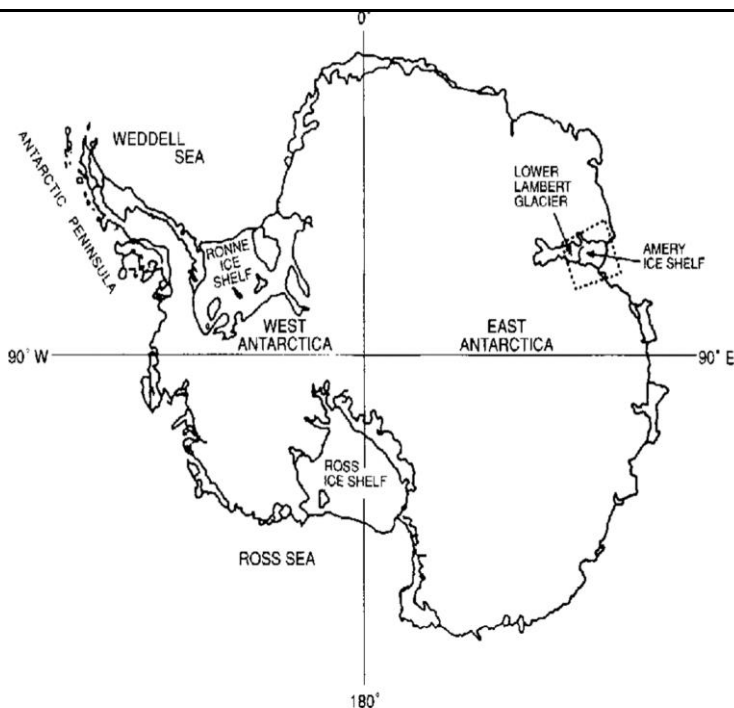
#### 1) General Introduction

- 1) Part of Gondwana land
- 2) World's fifth largest unpopulated continent
- 3) **Discoverers :-** Captain James Cook & Faian Shawsheen
- 4) **Location :-** The circular continent located in the southern hemisphere, which is surrounded by the southern ocean from all sides.
- 5) **Surname :-**
  - ✍ **White continent** - 95 to 98% covered with ice
  - ✍ **Continent dedicated to science** - The Antarctic treaty was signed between 12 countries in Washington on December 1, 1959, to protect the Antarctic continent only for scientific research and to make it a demilitarized zone. At present there are 54 parties in it. India became a member of this treaty in the year 1983.
  - ✍ **Dynamic continent** - Change of shape in summer and winter
  - ✍ World's largest cold desert
  - ✍ World's largest cold continent - Vostok (89°C)

2

## 6) Key Facts :-

- ↗ Largest glacier in the world - **Lambert (East)**
- ↗ Longest Range - **Trans Antarctica (Queen's Mode)**
- ↗ The only active volcano - **Mount Erebus (Ross Island)**
- ↗ Main sea - **Weddell sea and Ross sea**
- ↗ Penguin bird and krill fish
- ↗ Devoid of vegetation (lichens and mosses)



3

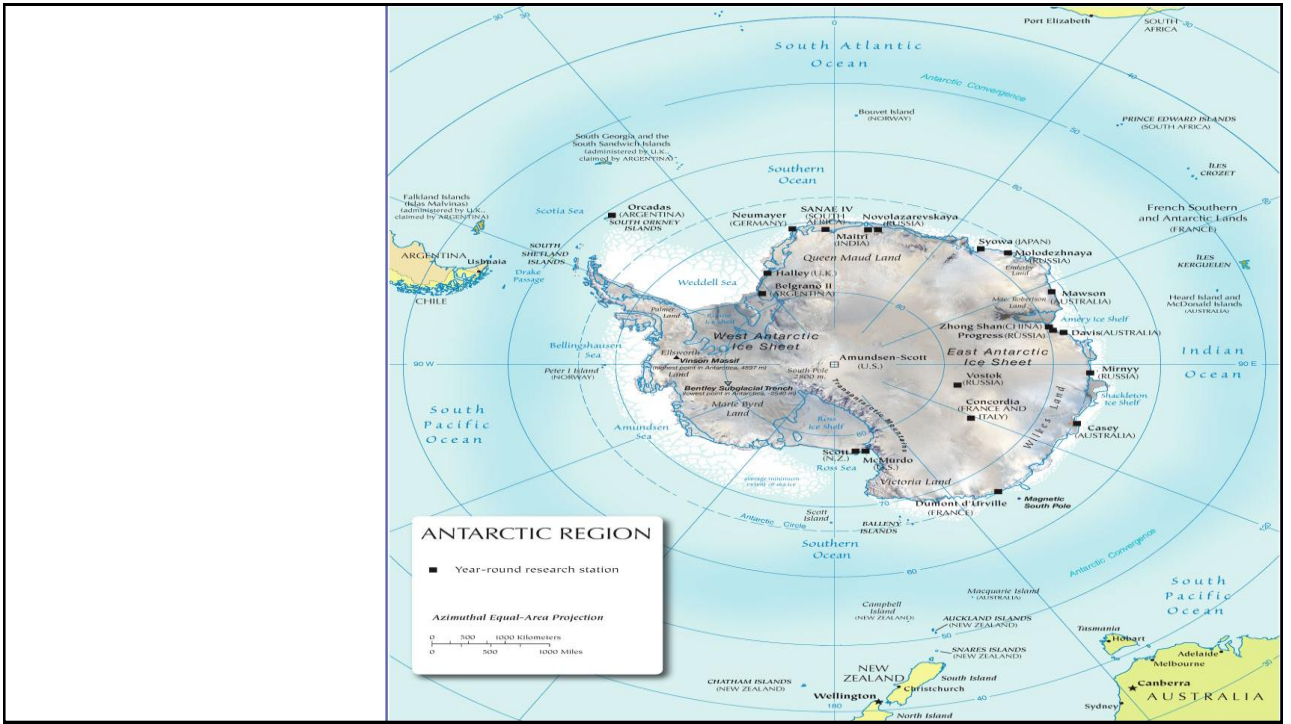
## 2) India and Antarctica

- 1) **First person to reach the South Pole :-** Roald Amundsen, Norwegian (1911)
- 2) **First Indian to reach South Pole :-** Dr. Giriraj Siroh (Bulandshahr, UP)
- 3) India established the first research station Dakshin Gangotri (Not Working now) in 1984, the second research station Maitri (Schirmacher Oasis) in 1989 and the third research station Bharti (Larsemann Hills) in 2012 on Antarctica.
- 4) It is a scientific research and exploration program under the **National Center for Antarctic and Ocean Research (NCPOR)**, Goa. It started in 1981 when the first Indian expedition to Antarctica was made.
- 5) Apart from Antarctica, India has a research center (**Himadri**) in the **Arctic region**, whose base camp is in Norway.



4

## World Mapping – MPPSC & UPPSC



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