



Italian scientists work in special rooms. These rooms are called climatic chambers. A climatic chamber is where a scientist can **simulate** all different kinds of weather.

The rooms can have snowstorms with temperatures of minus 40 degrees Celsius or dry heat waves, too. Scientists study how different weather conditions affect people, plants, and small animals. Scientists want to understand how living things **adapt to extreme** weather, which is very important, because global weather is becoming more extreme.

Mountain rescuers use these special rooms too. In the past, they had to climb mountains when they wanted to train. Now, it is much easier, because they train in these rooms.

**Difficult words:** **simulate** (to do or make something that looks real but it is not real), **adapt** (to change for a new situation), **extreme** (very great or strong).

**Discussion Questions****Topic Talk**

1. Define the word: *simulate, adapt and extreme*
2. What is a climatic chamber?
3. How do these special rooms help scientists in their work?
4. Why is it important for scientists to understand how living things adapt to extreme weather conditions?
5. How do climatic chambers help mountain rescuers?

**Express Your Thoughts**

1. Do you experience extreme weather conditions in your part of your country?
2. Do scientists in your country also use climatic chambers?
3. Apart from scientists and mountain rescuers, who else do you think need climatic chambers for their work?