

### **A note on global warming.**

To reduce global warming, do many politicians and scientists call for a reduction in  $CO_2$  emissions. But will this solve the problem? To understand this issue, imagine the globe in the form of a physical body in a vacuum. All sunlight, with the exception of the albedo, will heat this body. In this case, no thermal energy will be radiated from this body, since the vacuum is non-heat-conducting. Therefore, it is clear that no matter what gases are contained in the Earth's atmosphere, the average global temperature will constantly increase if the atmosphere is not cooled by the Earth's surface. If the Earth's temperature rises, so will the global temperature. It is known that the ocean temperature during global warming somewhat increased. It remains to be assumed that the bottom temperature in some parts of the ocean has risen. How can this be ringing? For example, an anthropogenic factor. This may be due to oil production. Since oil in the bowels of the earth is under pressure, it is clear that the associated gas exerts this pressure, which creates a thermal insulation layer between the oil and the bottom. In the event of an accident at an oil well, oil may spill into the ocean, and ocean water will take its place. In this case, the associated gas can also come out, so that the insulating layer disappears. As a result, the bottom will heat up more than usual. From emergency situations with oil production, only the accident in the Gulf of Mexico in the 90s comes to mind, when a lot of oil spilled into the ocean. After that, the Gulf Stream oceanic current changed, and the climate in Europe, which it envelopes, became warmer.