

## Conflicts and Great Risks in the World their Consequences for the Planet Terre

**Abdelkader Abdellaoui\***

*Avicenna Virtual Campus Network, Paris, France*

**\*Corresponding Author:** Abdellaoui Abdelkader, Avicenna Virtual Campus Network, Paris, France.

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### Abstract

Among the great risks for the earth, we can cite three different types: global warming, conflicts that can degenerate into uncontrolled nuclear confrontations, and near-Earth objects that can cause considerable damage to the planet.

We rule out this third type of risk from the outset because programs for detecting, tracking and possibly destroying NEOs that come dangerously close to Earth are already tested and ready to be used in the event of imminent danger.

Global warming is a risk to be taken seriously. It is mainly due to greenhouse gas (GHG) emissions. Analyzes and forecasts show that the commitments to reduce the global temperature to 1° have not yet been kept and we are moving towards a point of no return and non-irreversibility of the phenomenon of destruction of the ozone layer and global warming.

The only conflicts that can generate a nuclear confrontation are those that bring together two major nuclear powers: USA-Soviet Union, USA-China, in particular. Other conflicts between intermediate powers should not lead to nuclear confrontations.

This article analyzes the consequences of global warming, the major conflicts between the nuclear superpowers and very briefly reviews the secondary conflicts.

It will highlight the difference between the superpowers and the other Nations, the poor of the planet, the forgotten and the left behind.

**Keywords:** *Global Warming; Nuclear Conflicts; Risks*

### Introduction

Among the great risks for the earth, we can mention three different types:

- Global warming,
- Conflicts that could degenerate into uncontrolled nuclear confrontations,
- Near-Earth cruisers which can cause considerable damage to the planet.

**Meteorites and NEOs:** In this article, we immediately rule out the third type of risk, which relates to NEOs that may possibly hit the

planet. The reason is simple: NASA had launched the DART mission at the end of November 2021 to test a method for deflecting an asteroid likely to crash into Earth. It is hoped that NASA, in collaboration with other space powers, will be able to find solutions to intercept dangerous near-Earth objects. In 2022, however, we can report the first six asteroids that could have crashed into the earth:

1. In November 2022: 2022 WW11 had been at a minimum distance from earth of 531196 km; WS5 was at 1861506 km; 2022 VB2 was at 3459807 km; 2022XC was only 703157 km away; WW11 was only a minimum distance from the land of
2. In December 2022: 2022 XA was 227 km away.

These data are provided by the “notre.planète.info” website consulted on December 4, 2022.

NEOs potentially dangerous to the Earth must be of a sufficiently large size (at least 100m) and a trajectory passing at a distance of less than 8 million km.

### Climate change



Figure 1: Flood zone in Europe.

Climate change refers to variations in temperature and climate in general. This may be due to natural variations; but human activities have been the main cause since the 1800s, mainly due to the combustion of fossil fuels (Coal, oil, gas). Carbon dioxide and methane emissions cause climate change. The use of fossil fuels generates emissions of what are commonly called greenhouse gases (GHGs) and the destruction of the ozone layer, which protects against solar radiation.

The energy, industry, transport, construction and agriculture sectors are the main emitters of GHGs. In 2022, we can already see that GHG concentrations are beginning to reach their highest level for two million years. Among the consequences of climate change, we can cite: increase in temperature on the surface of the globe, intense droughts, water shortages, forest fires, rise in sea level resulting in flood-

ing cities and coasts, melting glaciers and polar ice, storms and declining biodiversity. Global discussions are trying to fix this increase at 2° and find commitments from States to limit their GHG emissions.

The climate crisis (rise in temperature that attempts to abandon activities generating greenhouse gases could not contain) will create a situation of new global tension. Many parts of the world are going to be below the 10-year flood stage. Fig 2-les-consequences-du-réchaument-climatique\_3811201.html shows us that Europe is badly affected; it will however be necessary to add to this map Slovenia, Croatia, part of the Egyptian coast, Basra in Iraq, part of the coasts of Qatar, Bahrain of the United Arab Emirates, the coasts on the Gulf of Oman, a large part from the Indian coast and that of Bangladesh; Thailand, Laos, Cambodia and Vietnam are not spared. Few countries will be spared.

Figure 2 shows us in more detail the potential flood zones in the world following the increase in global temperature and the rise in sea and ocean levels. We can see that many countries are affected in South America, Africa, Europe and Asia. But what is most striking is that many of these regions correspond to the poorest or emerging countries, in any case the least polluting.

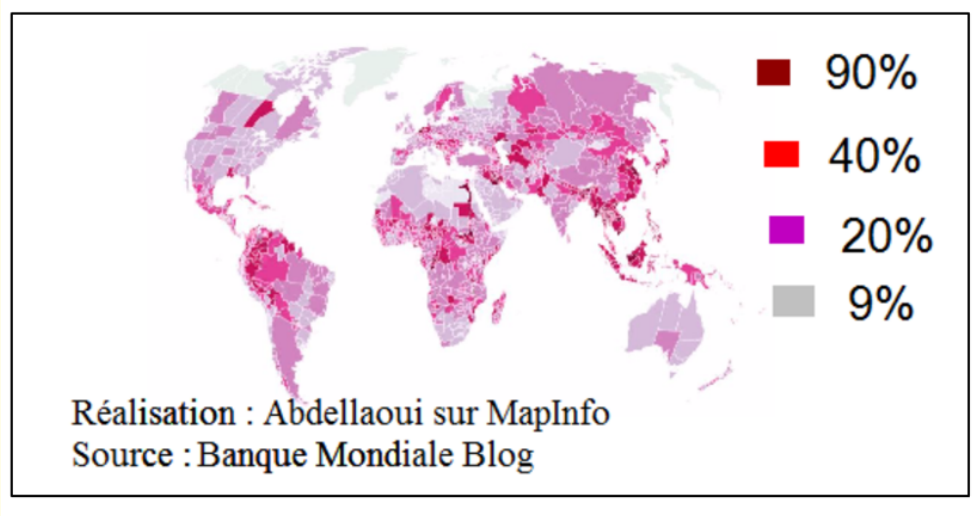


Figure 2: Flood-prone areas around the world.

The super powers (particularly in space) have already set up colonization programs for the planets of our solar system: the Moon (Americans, Chinese and Russians), Mars (Americans). The objective is to constitute populations which would return to Earth and which would be able to perpetuate civilizations, cultures, fashions and traditions. Of course, not all individuals in these societies will be able to benefit from this targeted colonization. So all these others who have not gone through the space box will try to emigrate to areas that have escaped the multiple conflicts and disturbances of the planet, such as the Maghreb, Egypt, Greenland and other rare areas which should begin to prepare for massive immigration, perhaps we will return to the methods employed a long time ago with the makeshift boats carrying citizens fleeing the intolerable conditions of their systems of life and governance towards the dream Eldorado that represents for them the West.

Note, however, that not all populations experience the effects of climate change in the same way; the poorest and least technologically advanced countries suffer from them much more than the advanced and rich countries which produce more GHGs than the poor countries.

**Accidents and conflicts**

A nuclear conflict or accident can also plunge the planet into desolation and catastrophe. The bombing of Hiroshima and Nagasaki had plunged Japan into desolation; the consequences for people’s health are still being felt years later. The Chernobyl accident could have had very serious consequences on the entire planet if it had not been controlled.

Without saying so publicly, the great powers are busy in research and technology to develop weapons that would enable them to deter and, in the event of open conflict, to retaliate.

Figure 3 gives us an overview of the nuclear submarines of the USA and the Soviet Union. Figure 4 informs us about the other nuclear submarine powers and also about the nuclear attack submarines that equip the super powers: USA, China, France, United Kingdom and Soviet Union. Reference: Wikipedia the free encyclopedia; [https://fr.wikipedia.org/wiki/Liste\\_des\\_sous-marines\\_nucl%C3%A9aires#:~:text=Today%2C%20only%20six%20forces,since%202009%2C%20India](https://fr.wikipedia.org/wiki/Liste_des_sous-marines_nucl%C3%A9aires#:~:text=Today%2C%20only%20six%20forces,since%202009%2C%20India).

It is quite clear that an accident, a bad interpretation or an untimely decision can happen quickly.

The conflicts in the world are so numerous, we quote some of them for the record according to the following references: Wikipedia (2022): conflicts in the current world 2022, Chignier-Riboulon 2022 and D. Gallas (2022): “Ukrainian-Russian war: beyond, 7 other bloody conflicts in the world today”; BBC News Brazil; March 2022 [1-3].

URSS	K-44 Riazan	Delta III	1981	16 R-29R
	K-51 Verkhoutourié	Delta IV	1984	21 SS-N-15
	K-84 Iekateninbourg	Delta IV	1985	21 SS-N-15 & 12 SS-N-16
	BS-64 Podmoskovye	Delta IV	1986	21 SS-N-15 & 12 SS-N-16
	K-114 Toulâ	Delta IV	1987	21 SS-N-15 & 12 SS-N-16
	K-117 Briansk	Delta IV	1988	21 SS-N-15 & 12 SS-N-16
	K-18 Karelia	Delta IV	1989	21 SS-N-15 & 12 SS-N-16
	K-407 Novomoskovsk	Delta IV	1990	21 SS-N-15 & 12 SS-N-16
	TK-208 Dimitri Donskoï	Typhoon	1981	
	K-535 Iouri Dolgorouki	Boreï	2013	SS-N30
	K-550 Alexandre Nevski	Boreï	2013	SS-N30
	K-551 Vladimir Monomaque	Boreï	2014	SS-N30
	K-549 Prince Vladimir	Boreï	2020	SS-N30

**Figure 3 :** USA and USSR nuclear submarines.

pays	nom	classe	armé	MSBS chargés
Chine		type 094		12 Ju Lang-2
		type 094		12 Ju Lang-2
		type 094		12 Ju Lang-2
		type 094		12 Ju Lang-2
France	le Triomphant	S616	1997	16 M-51
	le Triomphant	S617	1999	16 M-51
	le Triomphant	S618	2004	16 M-51
	le Triomphant	S619	2010	16 M-51
RU	Vanguard	S28	1993	16 Trident II D5
	Vanguard	S29	1995	16 Trident II D5
	Vanguard	S30	1996	16 Trident II D5
	Vanguard	S31	1999	16 Trident II D5
		<b>nombre</b>		
ss marins d'attaque	USA	<b>50</b>		
	Chine	<b>6</b>		
	France	<b>6</b>		
	RU	<b>7</b>		
	URSS	<b>15</b>		

Figure 4: Other nuclear submarine powers.

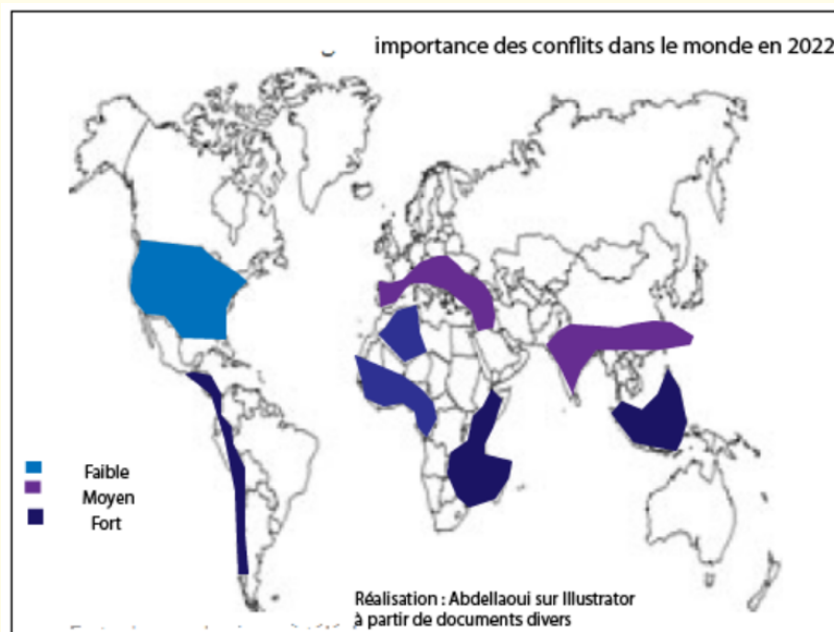
**Conflicts in today's world**

In Palestine cut in two (Israel and the Gaza Strip), Jews and Arabs could have lived in harmony if there were not irreconcilable interests:

- In Cyprus (also split in two: a Greek Southern Cyprus recognized by the international community and a Northern Cyprus considered as a Turkish province and not recognized by the Western powers), Many solutions could have been found so that Greeks and Turks can live in harmony.
- The Ukrainian conflict is another conflict that could lead to a nuclear armed confrontation; note that it is essentially a Russian-American opposition of assertion of power and power; the Europeans let themselves be carried away.
- Taiwan is still an area where an armed nuclear confrontation is possible. To this end, it is useful to recall the Sino-American interview of November 2022 in which
- The Chinese president had tried to reassure his counterpart by saying that China has no intention of taking the place of the United States or changing the existing international order.
- The Chinese president had also pointed out that the two countries share more common subjects than issues that oppose them.
- The US President allegedly claimed that a new cold war was not necessary.
- Regarding North Korea, the American president would have stressed that the United States was ready to use force in the event of a Chinese invasion.
- The Chinese president would have replied that Taiwan is the first red line not to be crossed in Sino-American relations.
- Korea is equally divided between the two superpowers USA and China (North Korea under Chinese influence and South Korea under American influence).

- Serbs, Bosnians and Croats: Another potential conflict. Between 1991 and 2001, the clashes were violent and described as the deadliest in Europe since the Second World War.
- Yemen: Another conflict zone between a Saudi coalition in which the USA participates and Houthi rebels supported by Iran. In 2022 the conflict in Yemen enters its sixth year.
- The Burmese armed conflict would have caused between 160,000 and 210,000 victims in 1948.
- The Colombian armed conflict in 1964 would have caused more than 210,000 victims.
- In 1973 the Oromo revolt would have caused between 3000 and 8900 victims.
- In Africa, so many localized Moai conflicts that can escalate:
- Zimbabwe would have been involved in the DRC war to oppose the leadership of South Africa.
- The conflict in Liberia and Sierra Leone would have moved to Côte d'Ivoire through young combatants.
- The clashes in Darfur would have spread to Chad.
- The conflict in Casamance in Senegal.

Figure 5 shows us the importance of conflicts in the world in 2022. It will be noted that the most violent conflicts are found in South America, India and East Africa, in other words among the United Nations poorer.



**Figure 5:** Importance of conflicts in the world in 2022.

We will also note that localized conflicts that do not oppose superpowers do not generally lead to armed nuclear confrontations. There are obviously heavy losses in human lives and materials, but these conflicts do not call into question the life of planet Earth and its occupants. Ref: Wikipedia [4-8].

### Conclusion

In this article, we have recalled the three main types of risk that can irreversibly alter life on Earth. We immediately ruled out the risk to NEOs, of which we nevertheless recalled a few elements that seemed important to us for their understanding.

Global warming has been addressed because it can lead to the total disappearance of life on earth if we cannot limit the emission of greenhouse gases. The consequences can be catastrophic and very long-term due to radioactive fallout and atmospheric pollution; we can cite in particular:

- Damage to the food chain due to lack of photosynthesis
- General cooling: Nuclear winter
- Destruction of the protective ozone layer from solar radiation.

We also discussed the conflicts in the world. We have shown that conflicts which do not directly oppose the superpowers have little chance of generating armed nuclear confrontations. We have, for this purpose, shown a state of the nuclear equipment of the technologically advanced powers, emphasizing the attack submarines.

A more or less exhaustive statement of other, more localized conflicts is recalled.

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