

Drought and flood, by rigorous scientific approach actions are inhibited: **How to react?**

F. Grisotto - Idrotecnica

Drought and flood, by rigorous scientific approach actions are inhibited: how to react?

Topic: Theme 1: Oceans and Hydrology

Recently the number and the quality of the observation has jointed unprecedented record, allowing the intimate conscience of self fueled retroaction phenomena. Our scientists suffer and fight to defend their measurement and improve the uncertainty of actual observation. It is necessary to speed up the vulgarization to involve population in direct action. It is extremely rare to article speaking about what is unknown. It is clear that our situation appears for the first time on Earth, and consequences and timing are unknown. Pushed by lobbying and submitted to peer-review process, scientist move hypothesis slower than necessary. Population need a description of worst scenario to be prepared for adaptation. The interdisciplinary of subjects asks to meet several specialists for discipline from geosciences, chemistry, physicians, sociologist, politologist... and All intelligent and collaborative people able to contribute. The researcher is trained to investigate for the unknown and have to be encouraged to make a safe evaluation, not for finance, but for the life of people. Today we can observe and make prevision on the close future. We need to be stopped by the unknown and we have to concretize actions to make this changing an opportunity to improve our civilization in a future of peace with humans, animals and plants. Like Scientific Community it is necessary to promote the communication to people about the worst scenario and project all actions in a right direction with a lovable way. It was yesterday the right day to start preparation. My studies are focused on the elaboration of worst scenario, considering contribution from localization, from seasonal peculiarities and previsions, to develop the adaptation allowing the improvement of life quality during the zeroing personal impact. The conscience of the peoples has to be wake up and accompanied to comprehension and action, in the intelligent way impose by present and locals conditions. Know and unknown fact have to be used to be ready, not for sterile discussions. Metrology has to jump to direct service of exposed people. Smart sensors have to be deployed in every delicate position to monitor, in order to prevent people from danger, reading the smalls signals before. This submission has been accepted for a poster, but the material has not been published yet by the authors. However, you may already comment on this abstract.

Some elements of this problem:

WHAT WE KNOW

CO2 concentration in atmosphere was never been so high (for 800.000 years and more...)

Effort to reduce this contribution are ridiculous and at the opposite emission are increasing

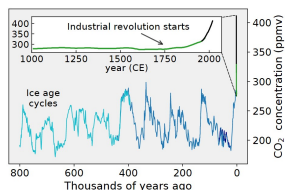
The sea level is increasing everywhere and there is NO uncertainty on the direction of change

Oceanic currents are changing and are reducing

0 ° Celsius represent the water state transition temperature

CONCLUSION: the only thinks that we have right to do are the renewable ones because our present life style is condemned...

...and we are condemned with its if we are not able to find alternatives

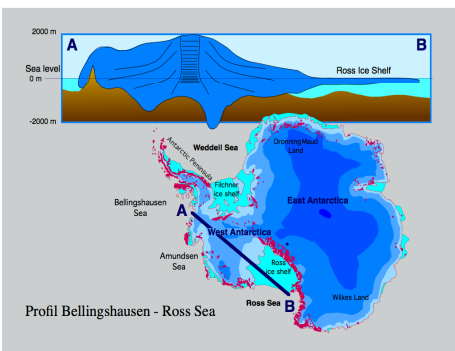


Comparative CO2 record (0-400ppm)	
0-220ppm BP	Baron C. (Mann et al., 2000) measured at University of Bern
220-350ppm BP	Baron C. (Mann et al., 2000) measured at University of Bern
350-400ppm BP	Baron C. (Mann et al., 2000) measured at University of Bern
400-450ppm BP	Baron C. (Mann et al., 2000) measured at University of Bern
450-500ppm BP	Baron C. (Mann et al., 2000) measured at University of Bern
500-600ppm BP	Baron C. (Mann et al., 2000) measured at University of Bern

CO2 concentration explosion during industrial period

Profile through the Antarctic ice sheet (A) Bellingshausen Sea - West Antarctic ice sheet - Ross ice shelf - Ross Sea (B).

The profile shows that most of the West Antarctic ice sheet is grounded below sea level which makes it sensitive to sea level rise. If the contact of the ice to the bottom rocks is lost seaward of the grounding line, the ice sheet becomes significantly thinner (some 100 m), forming a shelf ice.



Hannes Grobe 21:51, 12 August 2006 (UTC), Alfred Wegener Institute for Polar and Marine Research, Bremerhaven, Germany

WHAT WE DON'T KNOW

The necessary time of system Earth to react and balance to our CO2 injection

The final magnitude of the change, and people life scenario for different places

How to feed 8 billion peoples by renewable resources?

The effect of all type of injected poison mixed together is neglected

The origin of all oxygen (O2 used for CO2 production) on our Heart is argument of scientific debates and not defined

The ice sheet kinetic is more unknown at these conditions

The impact of change will affect exposed peoples and solidarity doesn't work.

This is not an exhaustive list

WE ARE SEAT ON DISCUSSIONS BUT WHAT WE NEED IS ACTIONS

- Form a **team of lawyer** to use legal tribunals and ask damages for misinformation speakers and networks
- Prepare a **realistic scenarios** to prepare correctly the future
- Improve the **collaboration network** around the world and stop wars
- Reformulate the entire **humanity life style** to define common action to survive without additional emission

Also if it isn't all feasible, we must start to act

Possibilities and contacts

I work in a company making special construction, hydraulic test bench, filler machine and other, civil plants, solar panels.... There is the ability to support research with our construction and was realized collaboration for measuring systems on thermal energy. Now we can still try solution and we are at disposition for any trials. LET'S US TO CONTRIBUTE!

Contact: federico.grisotto@gmail.com – Str. Canelli 53/6A 14049 Nizza Monferrato (AT) – Italy – Tel.: +39 0141 70 25 49