



Ocean acidification, the other CO₂ problem: how far will life resist?

A quest for answers in the Arctic

Teachers and pupils,

- learn what happens as the CO₂ we massively emit invades the ocean!
- follow our experiments in the Arctic at the genesis of a new field of science!
- visit our labs, invite us to your classrooms and share our fascination for the planet!
- make your own experiments and reduce your own CO₂ emissions!

Some suggestions for introducing Ocean Acidification and our Spitzbergen experiment in the classroom...

- Use EPOCA's educational resources (posters, documents, movies) to learn the basics about CO₂, climate change and ocean acidification: www.epoca-project.eu, go to „what we do“, then „education“.
- Invite one of the scientists going to Spitzbergen to come into your classroom to meet with the pupils. Send an e-mail to lina.hansson@obs-vlfr.fr to check if this is possible in your area.
- Learn about our field work in the Arctic in May 2009 at www.epocaarctic2009.wordpress.com. In June 2010 we will feed a new blog from Spitzbergen and look forward to e-mail exchanges and live chats with pupils.
- Partner with a scientist and run your own experiments in the frame of CarboSchools - an educational initiative to help schools learn about global change science. Find more at www.carboschools.org.
- Through the Inquiry-to-Insight (I2I) project, run virtual experiments on ocean acidification and discuss with other students and scientists from abroad through new ICT tools. Find more at <http://i2i.stanford.edu/>.

Take part in our Spitzbergen School Sustainability Contest!

Investigate with your pupils the solutions to climate change and ocean acidification: how can we stop emitting CO₂ in the atmosphere? This requires huge changes both at the global, country and individual levels! Our contest calls for daring ideas and experiences directly reducing CO₂ emissions from your school community - e.g. through a school Agenda 21 or an eco-school [see www.eco-schools.org]. **Send all your project ideas & achievements (preferably in English, or in your language with at least a summary in English) to arctic.contest@gmail.com by 20 May 2010** - we will display them on the walls of the Northernmost research station in the world, and on June 5 - the World Environment Day - scientists in the Arctic will meet, discuss your projects and give feedback & symbolic awards: special gifts & unique scientific souvenirs from Ny Alesund!



Ny Alesund in the pristine polar wilderness: from there we also want to show the efforts of schools to combat climate change and ocean acidification!