



Master Class Series

What will happen to penguins and other Antarctic animals:

Evidence of climate change in Antarctica from a marine perspective

Who?

Marine biologist Dr. José Xavier and educator Patricia Azinhaga are collaborating on this Master Class for educators, scientists, science communicators and the general public.

What?

The Master Class series is designed with two audiences in mind: **researchers** who are interested in improving their science communication skills and **educators** who want to build their science knowledge. **For researchers:** Dr. Xavier will talk about techniques for communicating in English, the language of international science as he describes his research on food webs and marine animals in Antarctica and how climate change is affecting them. **For educators:** Patricia Azinhaga will share her expertise in ways scientists and educators can work together to reach learners of all ages and levels of scientific experience. She will also share classroom activities for transferring polar marine science to students.

When?

Webinar date/time:

26 October, 2015

2100 GMT/UTC

Check your time zone:

www.timeanddate.com/worldclock/meeting.html

Class and online discussion:

28 October-11 November, 2015

Webinar archive: [http://](http://www.polareducator.org/activities/master-class)

www.polareducator.org/activities/master-class



Researcher: Dr. José Xavier, PhD - Researcher at University of Coimbra (Portugal) and British Antarctic Survey (UK). Dr. Xavier is an Antarctic marine biologist, working with food webs, from algae to top predators, such as penguins, seals and albatrosses. Working with colleagues from more than 20 countries, Dr. Xavier is highly involved in science (through SCAR), education (through APECS and PEI) and policy making (through ATS). José is the youngest scientist to be awarded the prestigious Martha T. Muse prize for excellence in Antarctic science and policy.

Educator: Patricia Azinhaga is a fellow researcher from the Education Institute of the University of Lisbon with a focus on promotion of a scientifically literate society by building a strong relationship between scientific research and science education. Now she is working on IRRESISTIBLE - a European project on teacher training, combining formal and informal learning focused on Responsible Research and Innovation, in which she integrated polar science. She and José have collaborated on a wide variety of outreach initiatives about polar science since she took part in the last IPY (International Polar Year) activities as a science teacher. Patricia returned recently from a campaign in Antarctica where she had the opportunity to do geological work and a lot of outreach initiatives for a wide range of public audiences. She has a degree in Geology from the University of Coimbra and a Masters in Science Education from the University of Lisbon.



How do I participate?

To participate, register on the Polar Educators International website:

<http://goo.gl/pn1nLc>

