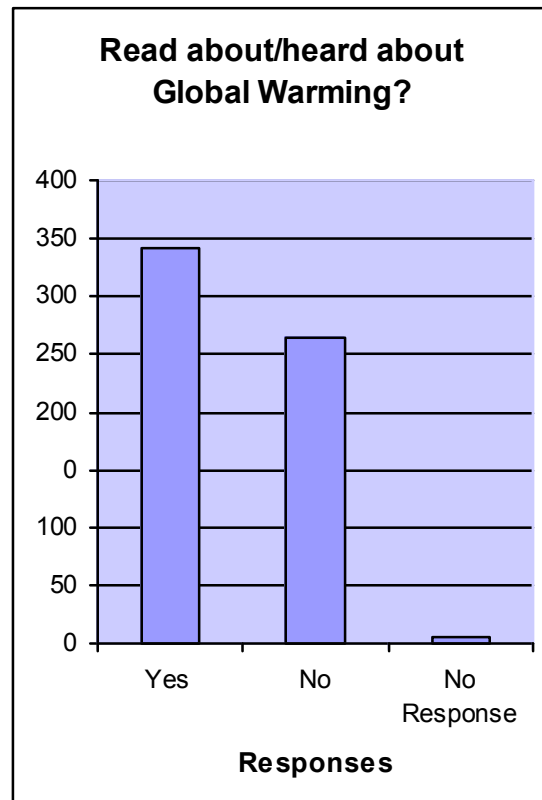
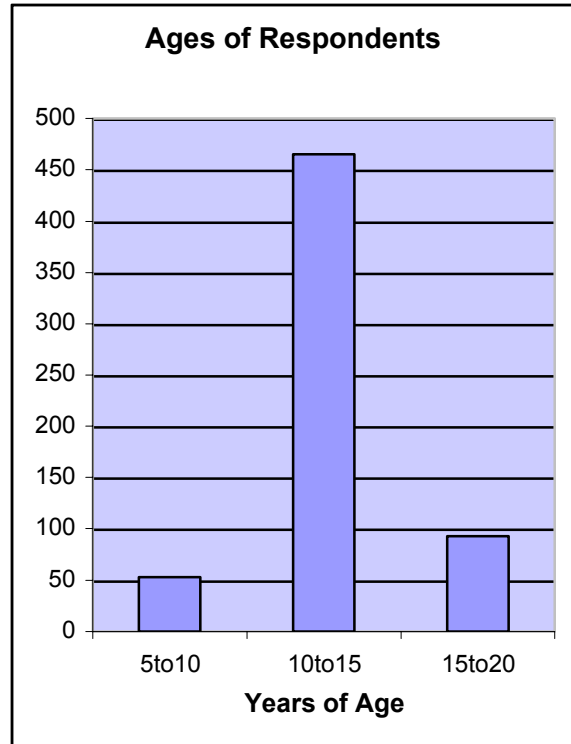


**P1.9
STUDENT PERCEPTIONS ON GLOBAL
WARMING-NORTHERN/SOUTHERN
HEMISPHERES.-Steve M. Carlson,
AMS/AERA
Hermiston School District, Hermiston, OR**

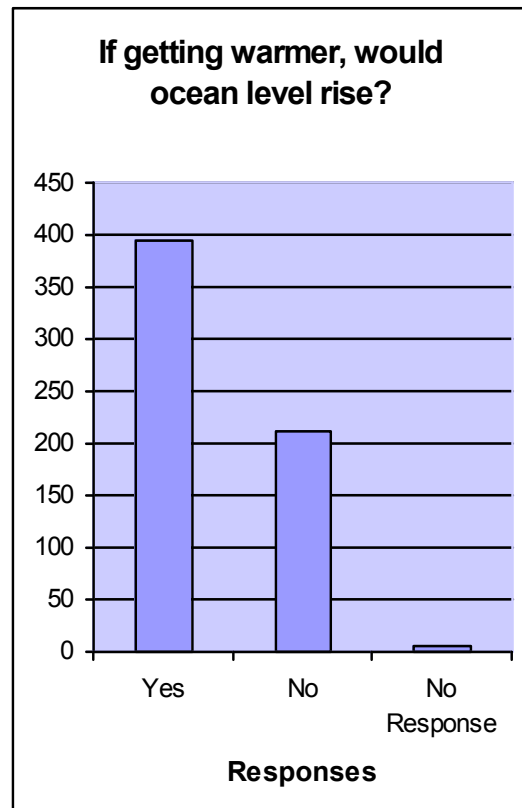
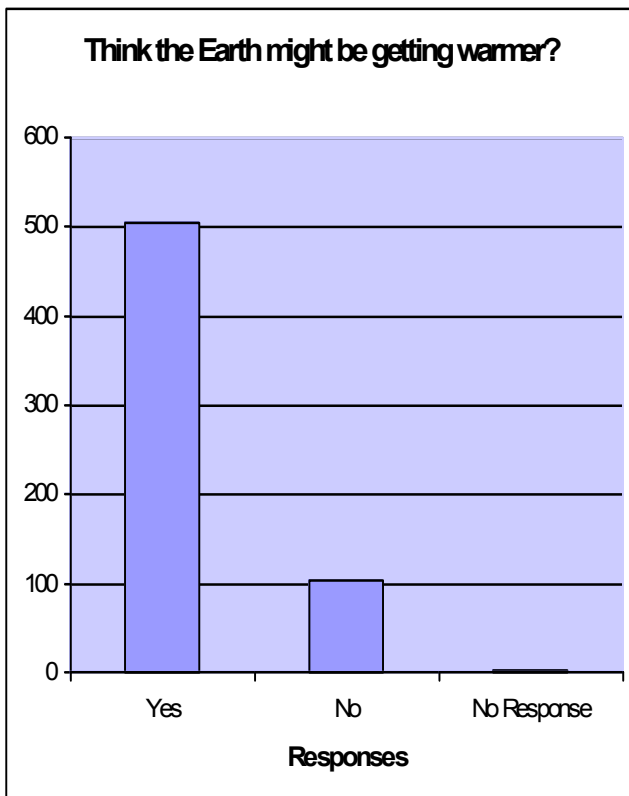
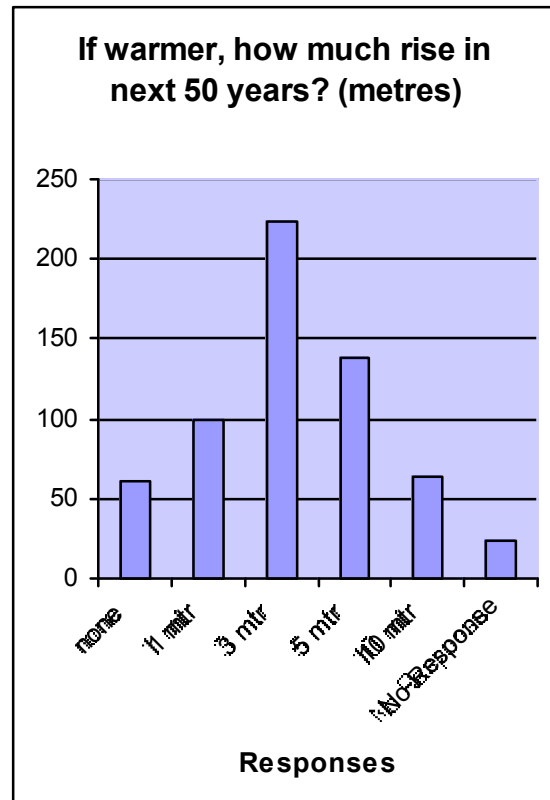
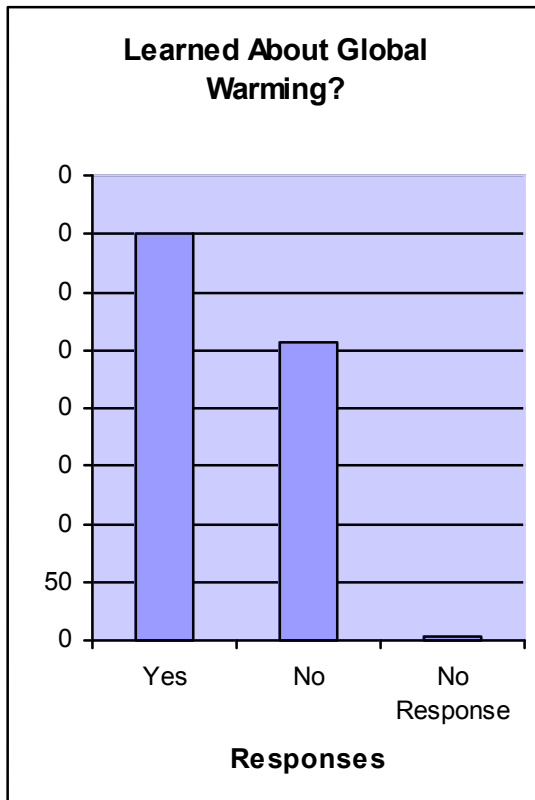
1 Are students in the southern hemisphere more aware of global warming than their compatriots in the northern hemisphere? This is the question my colleague Sel Kerns from Australia tried to answer with a research project.

An international survey was designed and implemented among students in South Africa, Argentina, Australia, the United States, and Europe. AMS Educational program teacher representatives were used to disseminate the survey . Zoomerang Inc. in San Francisco collected the results for us without cost. The results of these surveys will be the focus of this presentation

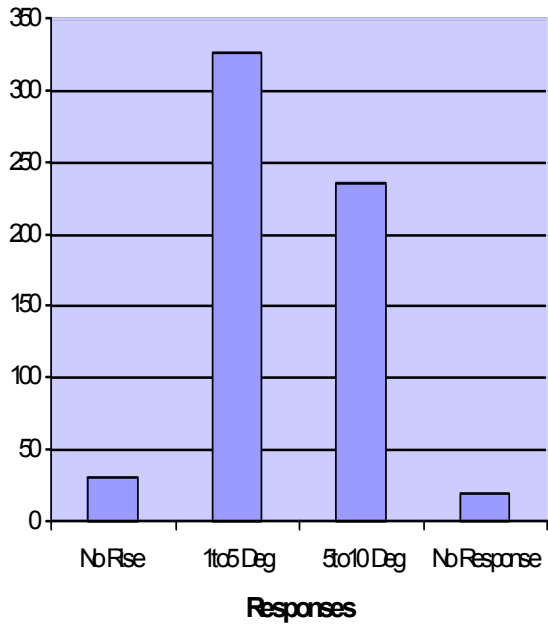
- In 2002, an informal survey was conducted between schools in Australia and the USA. Through international contacts, schools in other countries were also invited, giving a greater range of results.
- 611 responses were collated from schools in 29 countries.
- Zoomerang online survey tool was used - thanks for their support. <http://www.zoomerang.com>
- Understood: there was little control over the conditions under which the survey was undertaken, so no real scientific analysis possible.
- Some responses may represent a teacher and whole class.
- Results were collated into a spreadsheet for analysis for patterns, consistencies, contrasts, graphing.
- Here is a summary of the findings - they make interesting reading!



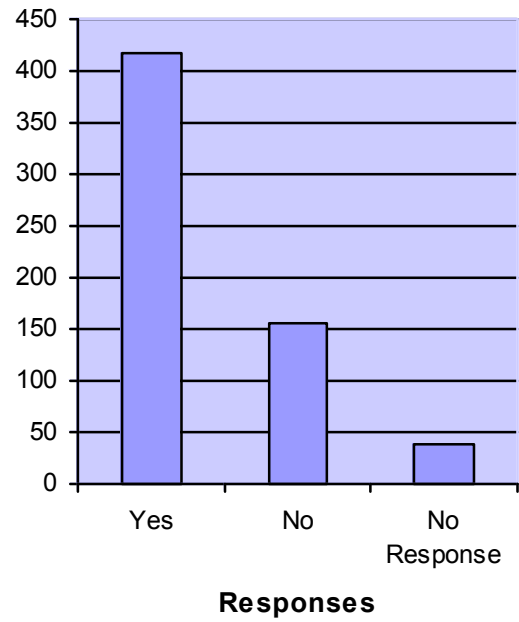
How did they receive their information



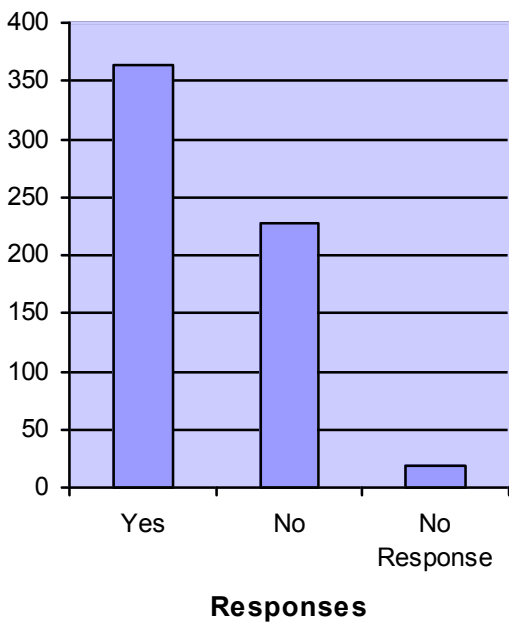
**If warning by how much in next 50 years?
(Celsius)**



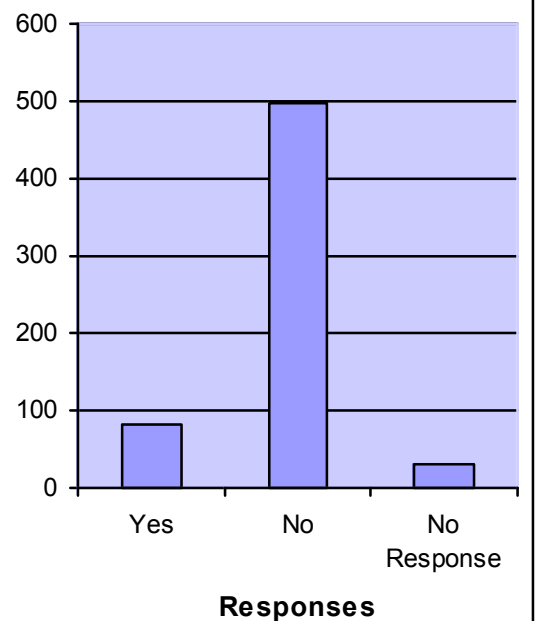
**Like to learn more about
Global Warming?**



**Much of an effect on the
way we live today?**



**Heard about Kyoto
Protocol?**



CONCLUSIONS

- A fun activity which really captured the involvement of students.

- Despite some exposure to learning about Global Warming at school and at home, there is a great range of opinion and a deal of misunderstanding which we can take note

- Important world events and common directions through joint agreements such as the Kyoto Protocol would appear to be not well covered/included in learning regarding climate/climate change.

- There is enthusiasm to learn more - which we should tap into!

- Students prefer Internet for learning more - we should get more student-friendly materials/activities out there on Global Warming.

- Books, TV, News, CD ROM are all still in favor for learning.

- Possibly some confusion in answers/inconsistencies in the responses due to language and/or wording of questions - more time/consideration in framing the questions before doing this again.

- A very worthwhile activity! Take a look at the detailed data for perceptions of young people from many parts of the world...