

NEWS FROM THE UNIVERSITY OF TASMANIA, AUSTRALIA



Wednesday 2 July 2014

deep _______Earth vibrations can shed light on

Now response had butter lightesting of Topmonia has shown that vibrations in the factor of the continental shelf).

The study, an international collaboration with the University, CSIRO and the University of Utah, was published recently in and and an international collaboration with a focus on the Southern Ocean.

Dr Anya Reading, (lecturer in Physical Science Carth Science et the University).

arid deep ocean storms (with strong winds and big waves)
the uptake of carbon dioxide.

"They are the ' 'that mixes enthandiskids into the consecution wery important that acroom distributions distribution at the consecution of the atmosphere."

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"However, it is """ "have a sure as wind speed or direct observation."

'A" can shed some light is seismic records...

"Var reactors to not suse and uncertainted to the study of earthquakes, provides a long-baseline record of deep ocean storm occurrence." Dr Reading said.

"This has great and severity particularly in remote locations with no direct meteorological observations."

Dr Reading said the research team feued that eniomic records oscided continuous information or storms that complemented satellite records, which observe from above, and direct weather observations, such as coastal monitoring.

Gembining the three technic represented extra befullar picture et deserve consutations

"There are decades of archive wealth of information on the oceans that can now be accessed with improved analysis techniques developed at the University."

Pr. Baading and hor team will continue to devalor this research area wains assismic records to detect shifting patterns of storm activity in the Southern Ocean back in the and to discover or find out more about changes in the storms making landfall.

This was a survey of the second of the secon

Full paper available here: Dominant seismic sources in the Southern Ocean and

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Information released by:

University of Tasmania, Communications and Media Office

Phone: 61 3 6226 2691 or 0447 537 375 Email: Media,Office@utas.edu.au