## Feeling the Earth shake in Telopea Park School Le Lycée Franco-Australien de Canberra: insights into the program "SISMOS à l'École"

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denness, the terrible destruction they age can generate and because they still "ambassadors" of natural catastrophe remain largely unpredictable. This is prevention in their school, in their famiwhy emphasis must be placed on pre- lies and more broadly in their local envention, especially in the school system vironment. Our project will benefit all where causes and effects of these haz- the students in our school (French and ards are studied. Trying to explain Australian) and, more generally, the earthquakes entails moving into the members of our school community. inaccessible, scrutinizing the earth's This is part of a broader challenge to depths, taking on the planet's internal encourage our students' interest in citizens about risks. dynamics. In this respect seismology is science and to steer them towards sci- References: a source of complexity and fascination. entific studies and professional careers. Scientific culture is thus at the heart of seismic risk instruction.

the "SISMOS à l'École", "Sciences à l'É- tional, scientific and cultural fields. As a sées par le 'Sismo des Ecoles' – scéren – cole" (1, 2) curriculum, that implements matter of fact, several partnerships académie de Nice an educational approach allowing a have already been established. Our (4) Berenguer J.L., Virieux J., Septembre natural risk culture to be engaged project has benefited from the gener- 2006: Projet éducatif 'Sismo des Ecoles' through a scientific and technological ous financial contributions of the – géosciences N°4 – revue du BRGM approach. The original and innovative French Embassy in Australia and of the pour une Terre durable. aspect of this program stems from giv- Australian French Association for Sci- (5) http://aster.unice.fr/ ing students the opportunity to install a ence & Technology (AFAS). The Euro- (6)http://www.edusismo.org/ seismometer in their school. The re- pean Commission's Delegation to Aus- fiche travos.asp?id=40 corded signals, reflecting regional or tralia is also supporting our project as it (7)http://www.delaus.ec.europa.eu/ global seismic activity, feed into an on- represents the extension of the early News&events/News/2008/ line database, a genuine seismic re- European network called EduSeis (8, 9). TelopeaSeismicProject.htm source centre and a springboard for A scientific partnership has been estab- (8) Berenguer, J..L., Picq, T., Zollo, A., educational and scientific activities (3, lished with Geoscience Australia and Virieux, J., 2003: EDUSEIS: an Euro-4). The network – numbering some through the program called "Scientists pean Educational Seismological Project. forty stations installed in metropolitan in Schools" and the Research School of Oral, EGS-AGU-EUG Joint Assembly -France, the overseas departments and Earth Sciences (RSES) of ANU. Both Nice, France, April 2003 territories and French high schools these labs are bringing scientific exper- (9) Virieux, J., 2000, Educational Seisabroad - is the outgrowth of an experi- tise and human resources to our pro- mological project: EDUSEIS, Seismologiment conducted in the Alpes-Maritimes ject.

region, France some ten years back (5).

will thus provide very interesting recordings from the Asia-Pacific area that arthquakes are both troubling and will complement those from other stafascinating because of their sud- tions. Our seismic station will encourour students to become

strengthen links with local and interna- Septembre 2006: Le cahier d'activités All this is what is involved in tional partners in economical, educa- du SISMO - activités éducatives propo-

The installation of a seismic Telopea Park School / Le Lycée Franco- station in Telopea Park School / Le Ly-Australien de Canberra just joined this cée Franco-Australien de Canberra exinternational network last July. A seis- emplifies how the development of simmic station was installed within the ple devices and the design of concrete school on July 25, 2008 (6, 7). It is the experiments associated with an investi-44<sup>th</sup> station of the network, the 3<sup>rd</sup> one gative approach make it possible to in the Southern Hemisphere and the 1<sup>st</sup> instill the students with a high-quality one in the Asia-Pacific area. Our station scientific culture and to educate future



(1) http://www.edusismo.org/ (2) <u>http://sciencesalecole.obspm.fr/</u>

Our project will develop and (3) Berenguer J.L., Ferry H. Pascucci F.,

cal Research Letters, 71, 530-535