

Australian Laureate Fellowships awarded to USYD Professors

15 inaugural Australian Laureate Fellowships were announced by the Minister for Innovation, Industry, Science and Research, Senator Kim Carr, on Monday, June 22. Each is worth around \$2.7 million. One of three University of Sydney Laureate Fellows is Professor Dietmar Müller from the School of Geosciences.

The Fellowship will allow Professor Müller and the EarthByte Group to create a Virtual Geological Observatory, exploiting the connection between deep earth and surface processes over the past 600 million years.

The observatory will enable the application of leading edge technologies to see into the Earth in four dimensions.

"This project will allow the unravelling of the driving forces of shifting coastlines and the formation of deep-Earth resources," said Professor Müller. "Open-source simulation and data-mining tools will be integrated with the observatory to explore associations between hydrocarbon and mineral deposits, and time-dependent plate boundary kinematics and dynamics," he said.



Sen. Kim Carr (left) with Prof. Dietmar Müller (right), one of 3 University of Sydney Professors to be awarded an Australian Laureate Fellowship.



Sen. Kim Carr (4th from right), Prof. Dietmar Müller (2nd from right) and other Australian Laureate Fellows.