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# 5th WORLD SUMMIT ON ARTS & CULTURE MELBOURNE 2011

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## Erica Seccombe

Erica is a visual artist who lives and works in Canberra, Australia. She is currently a PhD candidate in the Photography and Digital Media Workshop at the ANU School of Art, investigating an interdisciplinary research project in collaboration with the ANU Department of Applied Mathematics. This project, GROW: Visualising Nature at Nanoscale is where she is exploring the possibilities of visualising data from time sequences of sprouting seeds from 3D Microcomputed Tomographic X-ray through scientific volume exploration software Drishti. Through this process, Erica envisages a body of work that will allow an audience to experience the internal structure of seeds as they sprout.

In 2010 Erica was Visiting Fellow in the Department of Applied Maths as a recipient of the Synapse Residency funded by the Australian Network for Art and Technology (ANAT) and a project grant with artsACT. Previous work Erica has created with this technology include Ocular (2006) and Nanoplastica (2008). Her projects can be visited at [www.ericaseccombe.com.au](http://www.ericaseccombe.com.au) and the Synapse blog, [www.seccombe2010.anat.org.au](http://www.seccombe2010.anat.org.au)