

EVOLUTION

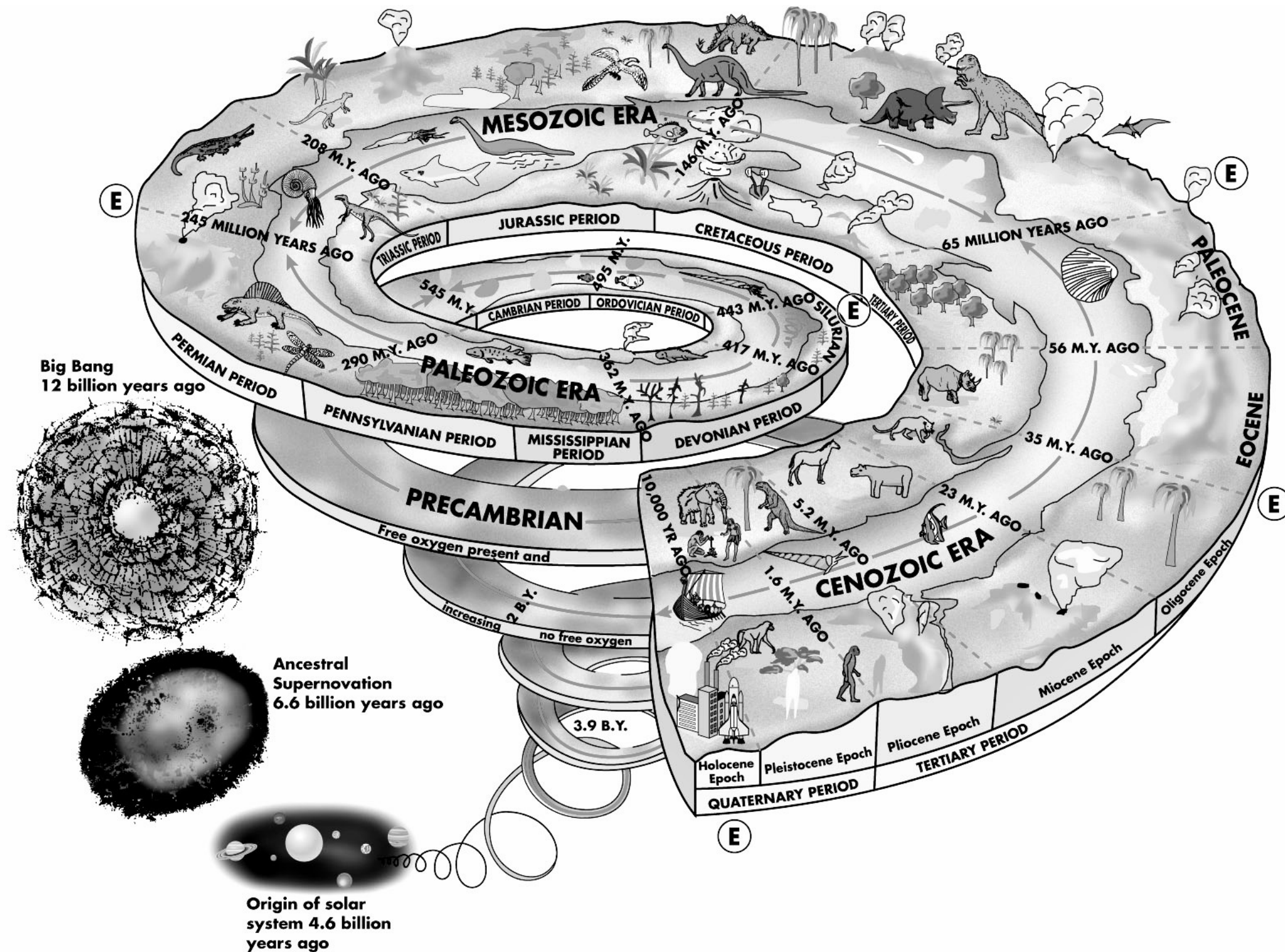


Image Courtesy: Pearson prentice hall, Inc.

To understand the concept of nature we need to touch upon the theory of evolution and why in this human world, man and nature are two distict features.

EVOLUTION



Image Courtesy: www.mongabay.com

EVOLUTION



Image Courtesy: www.wikipedia.com

EVOLUTION



Image Courtesy: www.francesfox.com

THEORY OF EVOLUTION

Stages of evolution, showing the different stages of mankind in time.

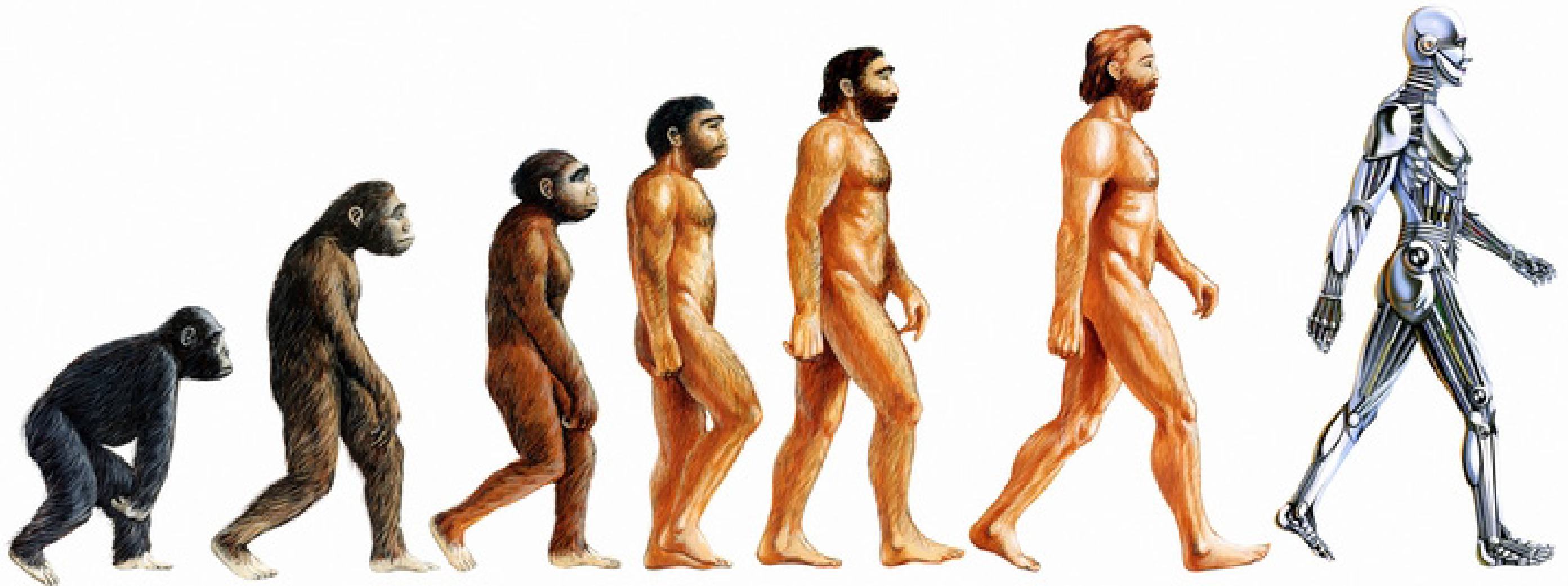


Image Courtesy: www.4faces.com

HUMAN CITY



Image Courtesy: www.dailygalaxy.com



Image Courtesy: www.inhabit.com

DUBAI



November 11, 2000

DUBAI



February 2, 2002

DUBAI



October 16, 2002

DUBAI



November 4, 2003

DUBAI



November 6, 2004

DUBAI



October 24, 2005

DUBAI



September 18,
2000

DUBAI



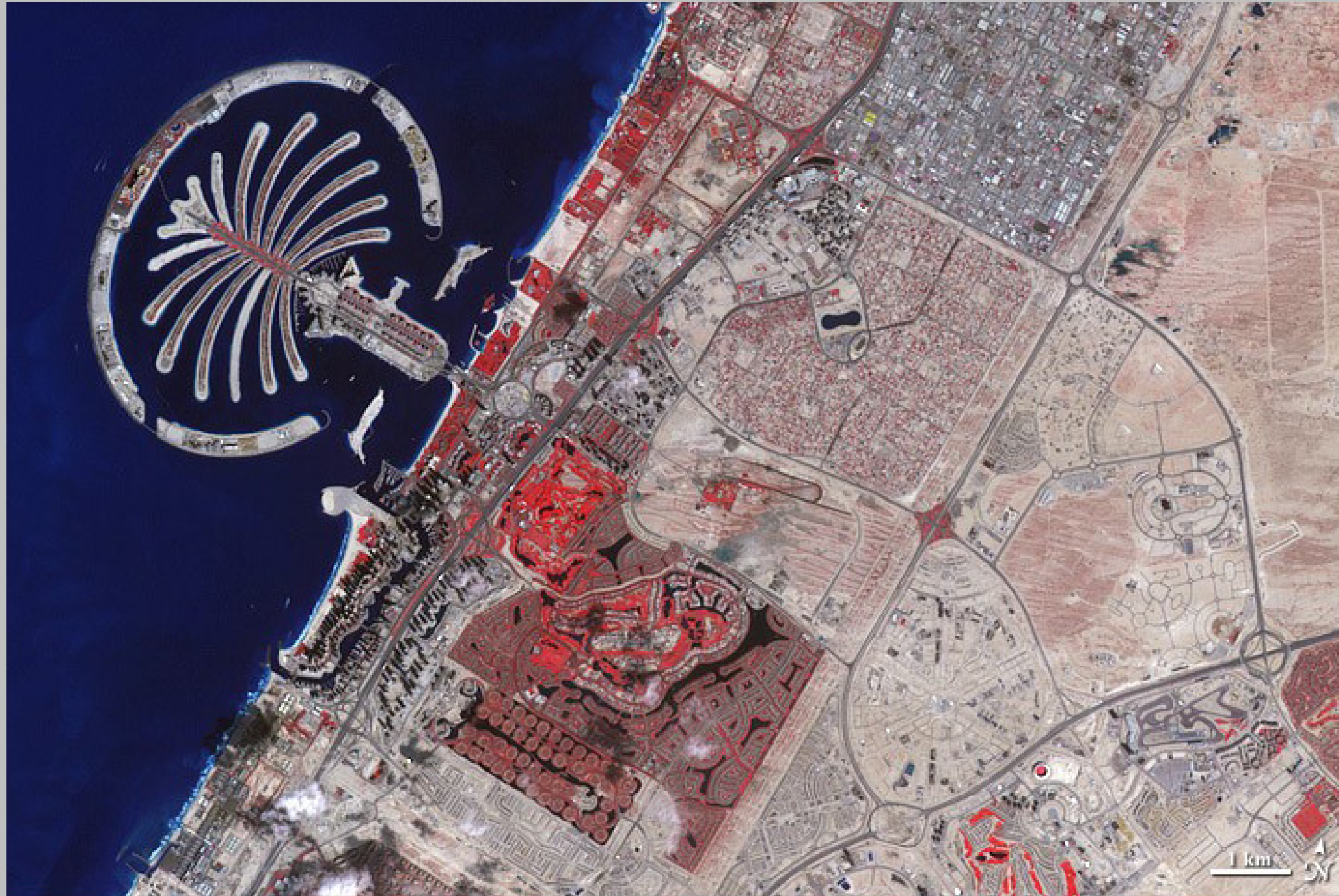
March 4, 2007

DUBAI



November 17, 2008

DUBAI



February 5, 2009

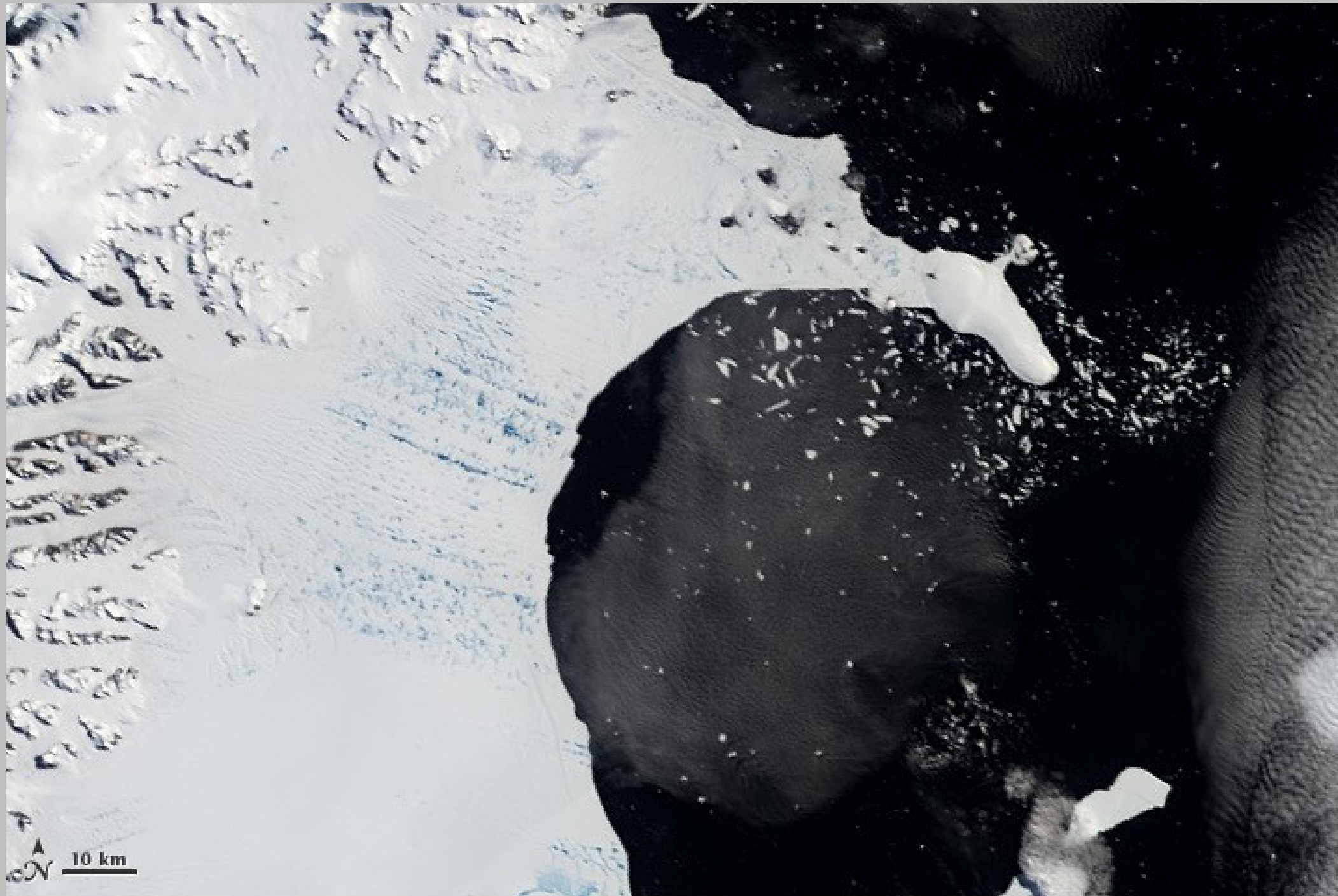
DUBAI



February 08, 2010

AND NOW

ANTARTICA



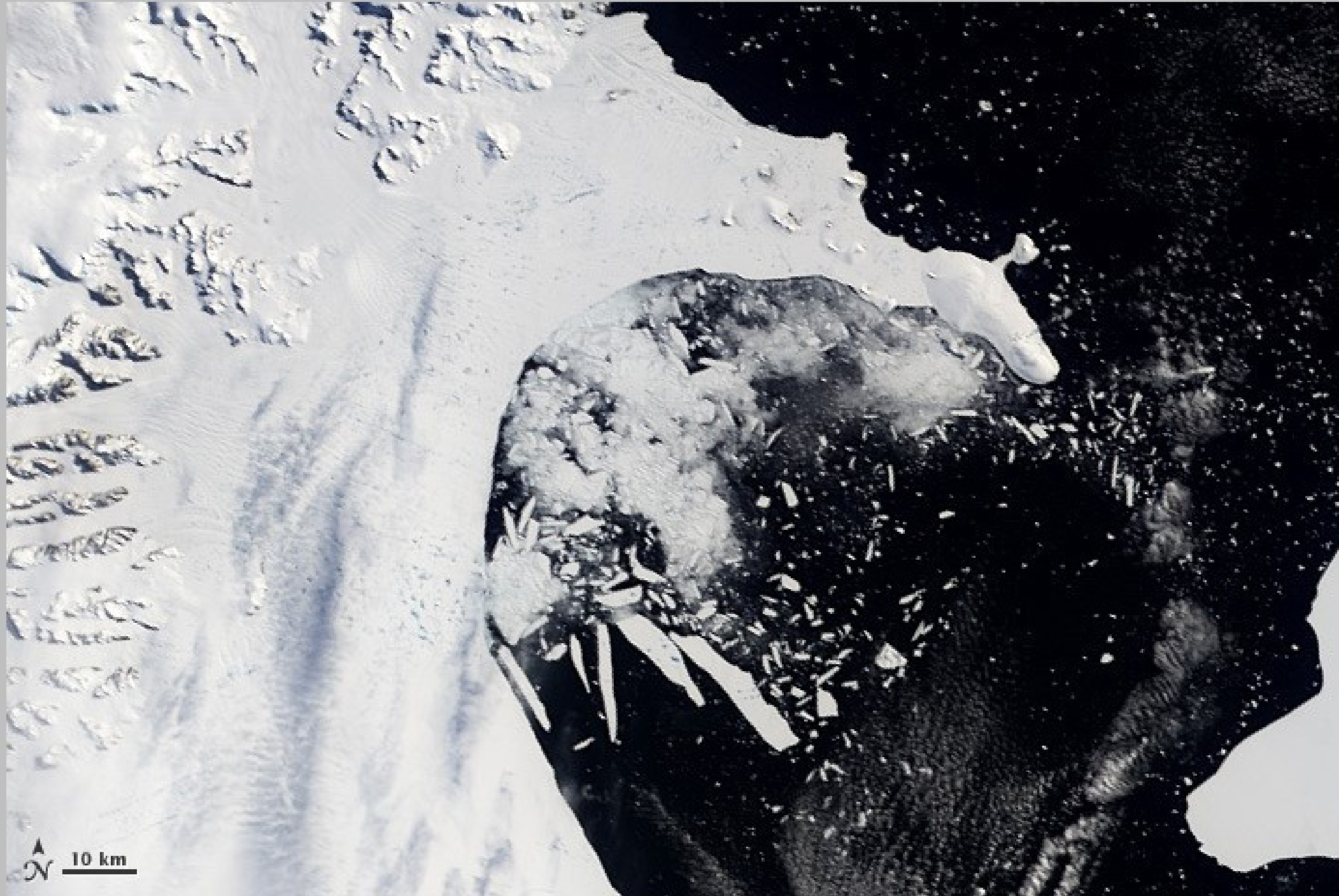
January 31, 2002

ANTARTICA



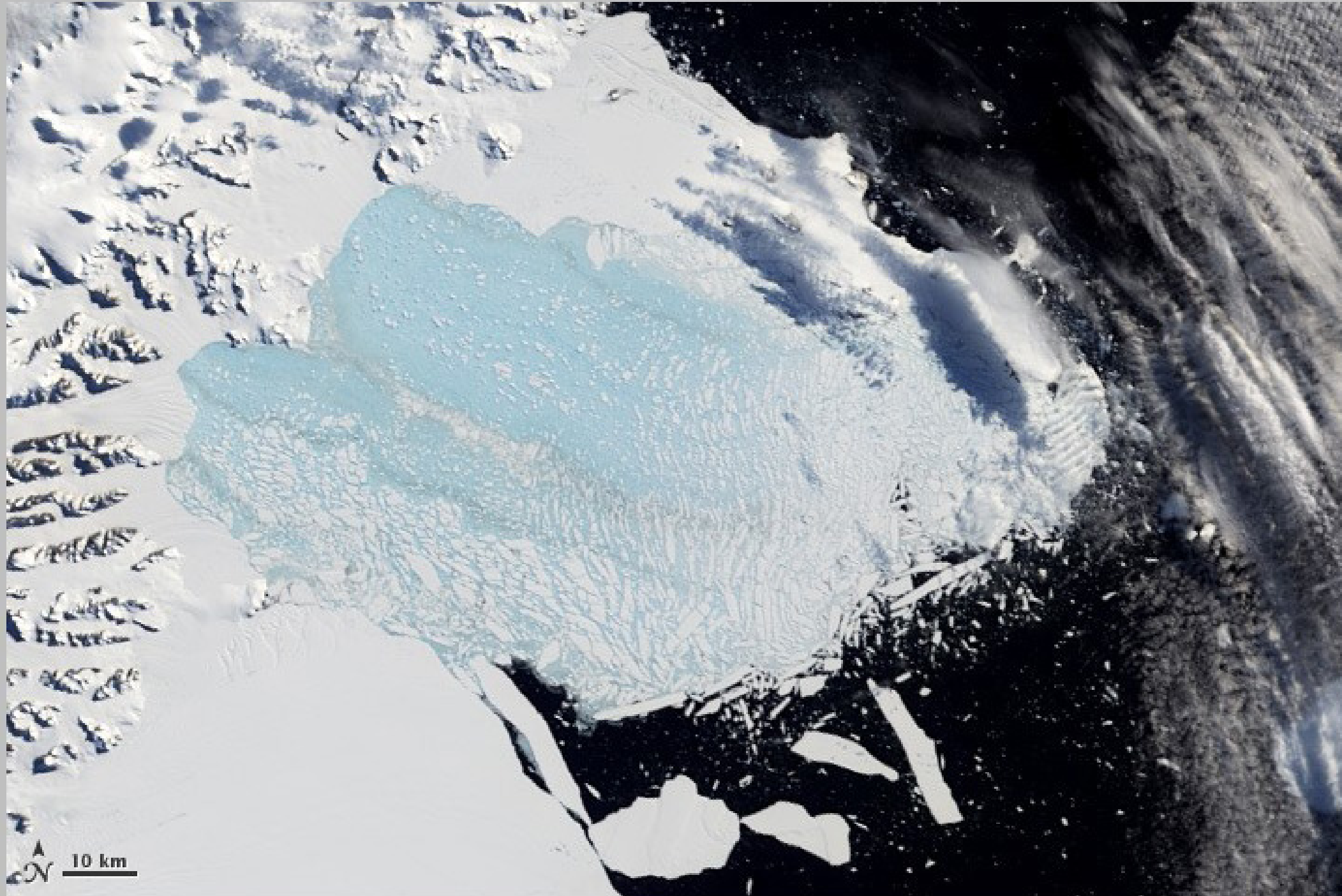
February 17, 2002

ANTARTICA



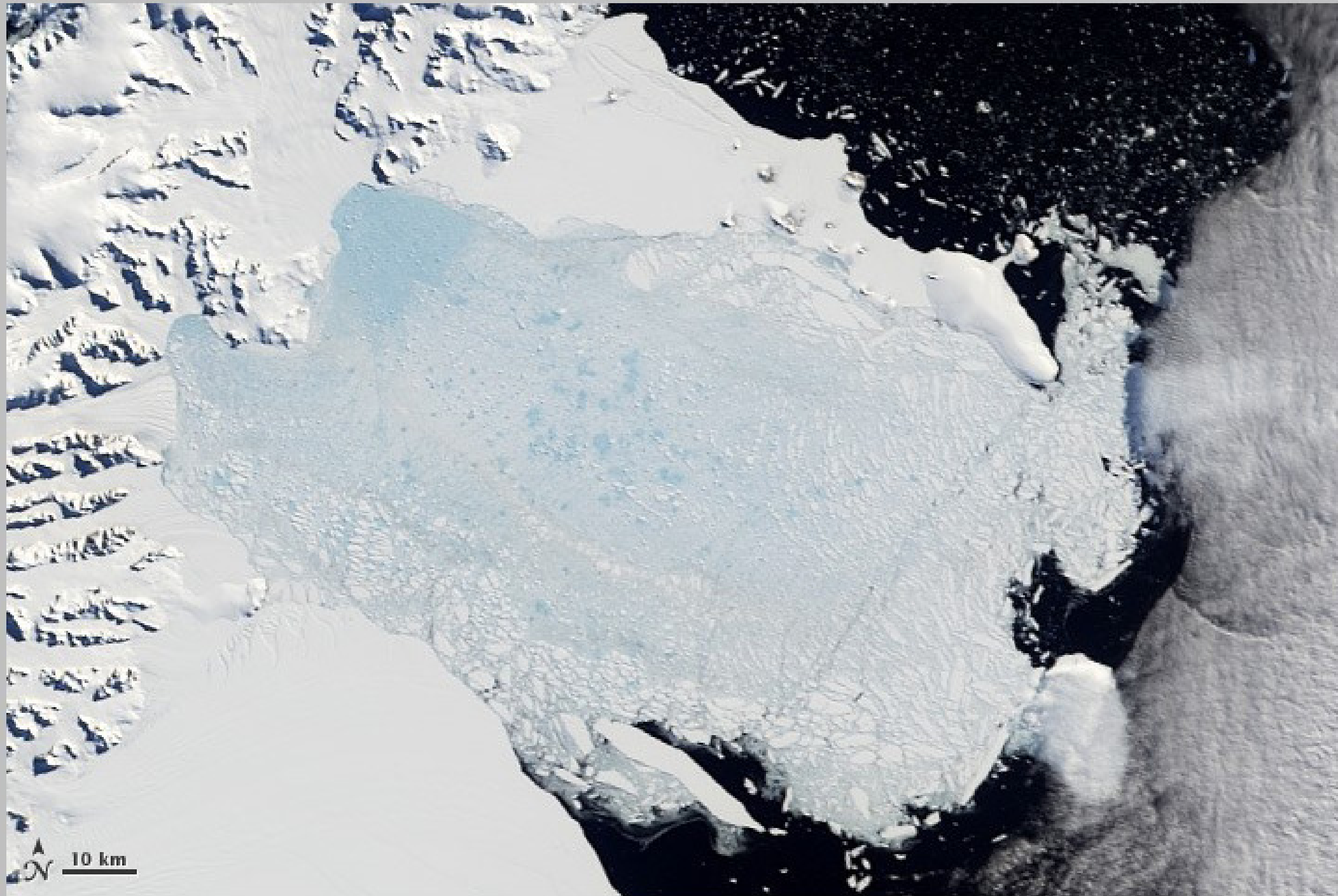
February 23, 2002

ANTARTICA



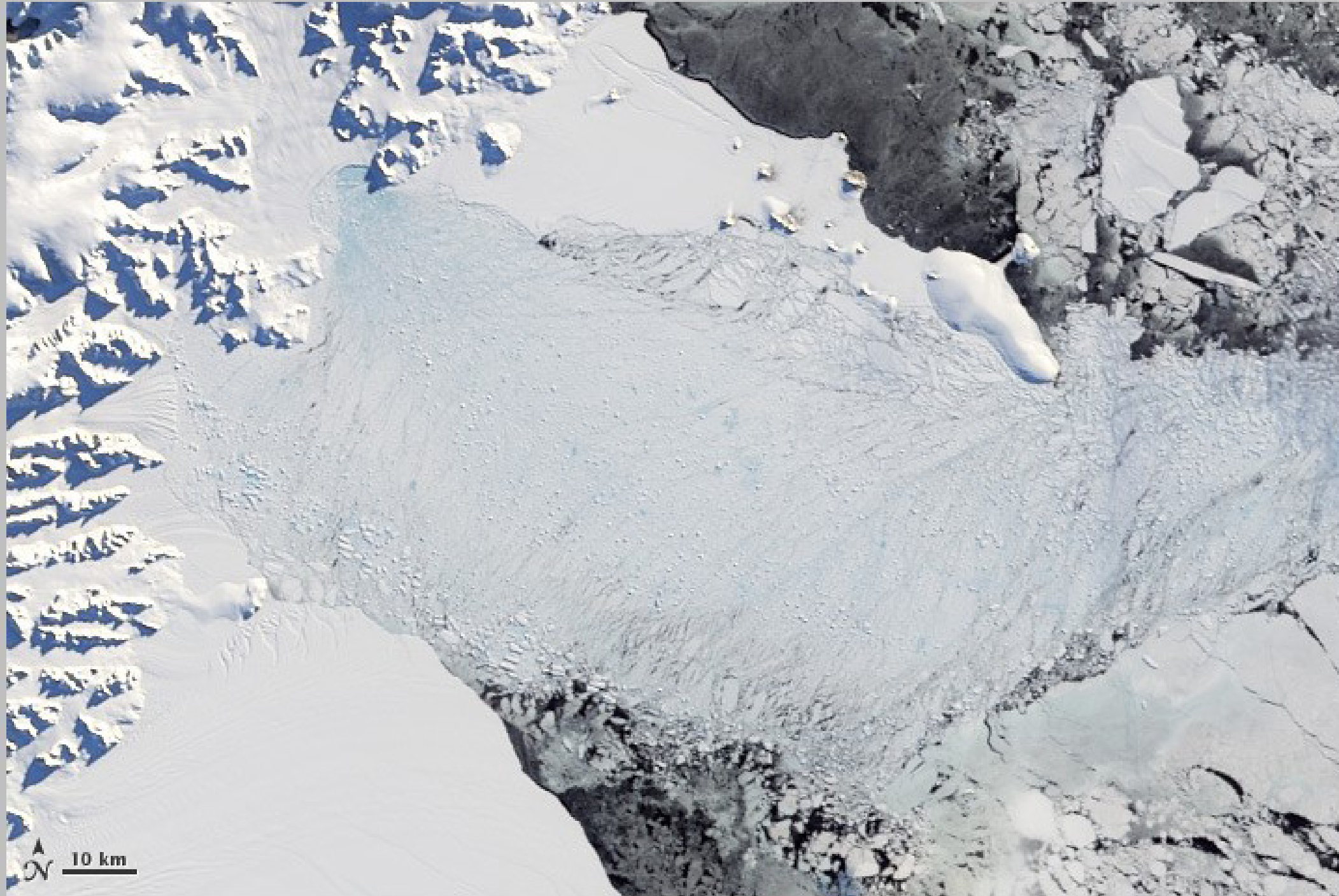
March 7, 2002

ANTARTICA



March 17, 2002

ANTARTICA



<https://www.youtube.com/watch?v=hC3VTgIPoGU>

April 13, 2002

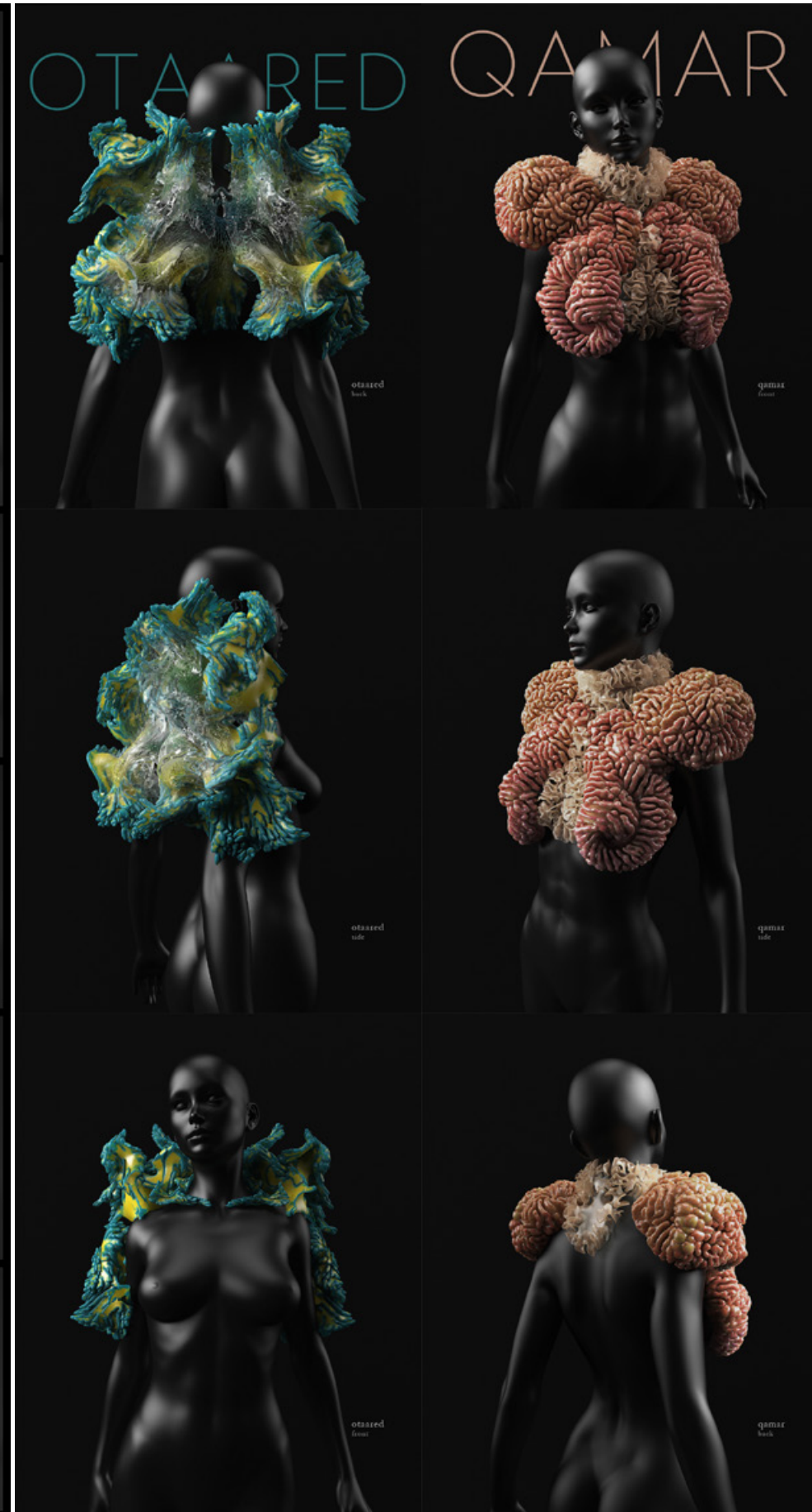
METABOLIC DESIGN

re_ruined hiroshima_arata isoizaki



Ruins provide an important metaphor for Isozaki: “They are dead architecture. Their total image has been lost. The remaining fragments require the operation of the imagination if they are to be restored.”

Neri Oxman – Wanderers



We designed a computational growth process which is capable of producing a wide variety of growing structures. Inspired by natural growth behaviour, the computational process creates shapes that adapt to their environment. Starting with a seed, the process simulates growth by continuously expanding and refining its shape.

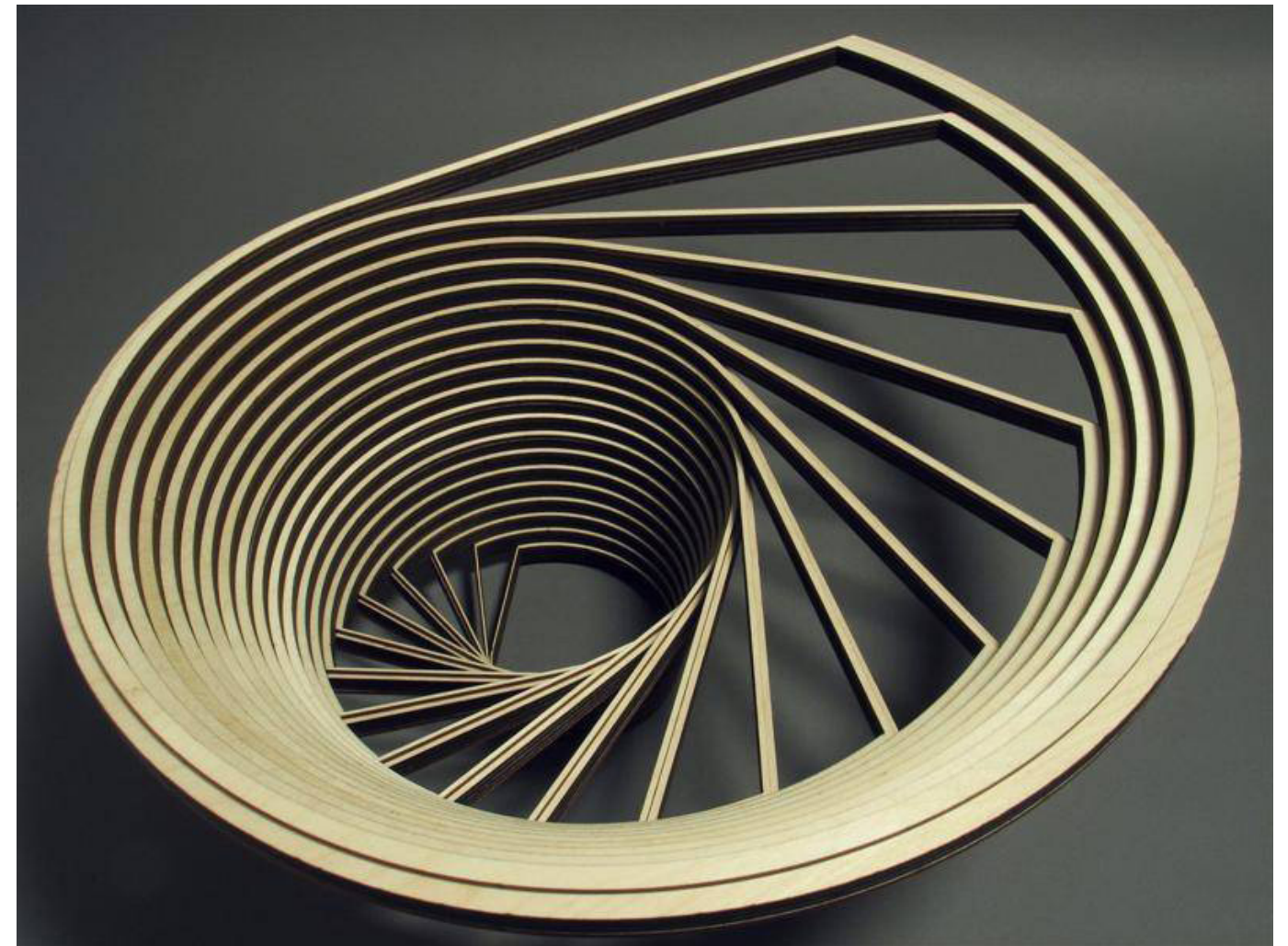
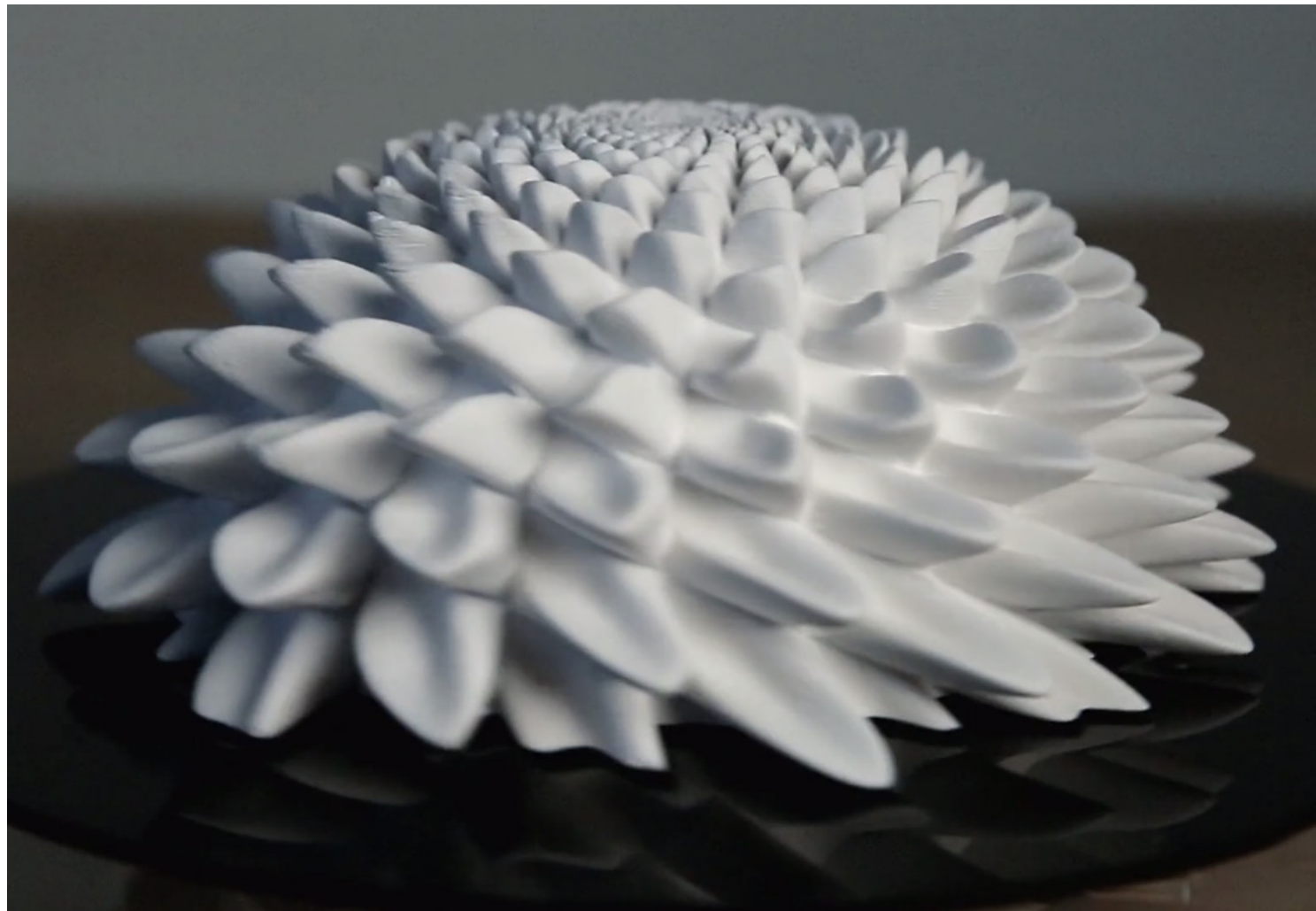
<https://www.youtube.com/watch?v=9HI8FerKr6Q#t=10>



John Edmark - Artist

Much of my work celebrates the patterns underlying *space and growth*. Through kinetic sculptures and transformable objects, I strive to give viewers access to the surprising structures hidden within apparently amorphous space.

Nature is generous and inexhaustible, rewarding curiosity with startling insights and an abundance of ever more beautiful mysteries. Through my work I endeavor to share the joy of discovery with others in a continuing pursuit of the *timeless patterns of change*.



Living root bridges

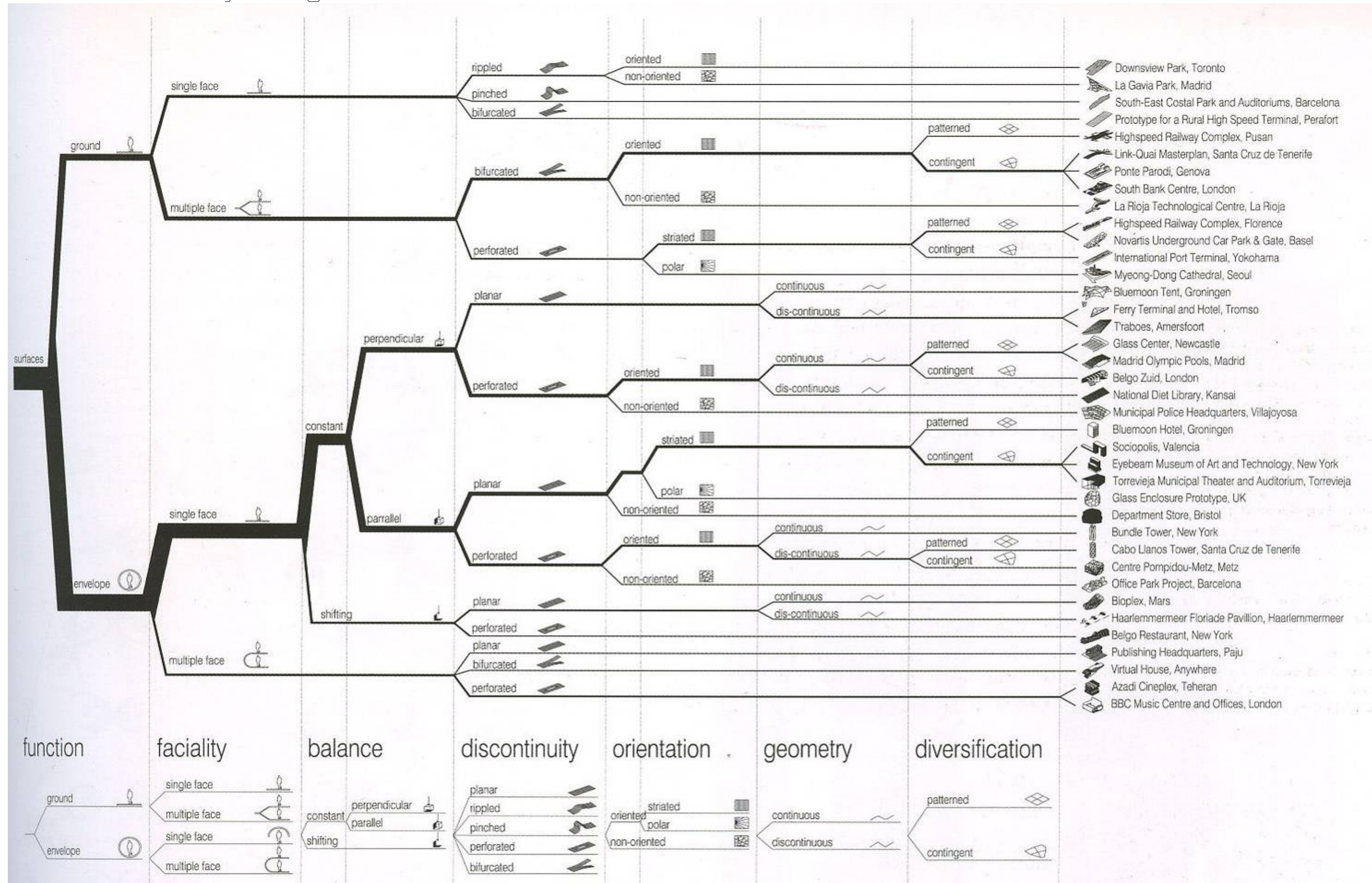
It is a form of tree shaping, which creates these suspension bridges, they are handmade from the aerial roots of living banyan fig trees, such as *Ficus elastica*. The pliable tree roots are trained to grow through betel tree trunks which are placed across the gap, until the figs' roots take root on the other side. Sticks, stones, and other inclusions are placed with the growing bridge. This process can take up to 15 years to complete.



Elisa Strozyk – Wooden Textiles

Depending on the geometry and size of the tiles each design shows a different behavior regarding flexibility and mobility.





Metabolic Phylogenesis

METABOLIC DESIGN

PRODUCTIVE LANDSCAPES

