

Unravelling Complexity

Video presentation

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Bibliography

Bar-Yam, Y 2004, *Making things work: solving complex problems in a complex world*, NECSI Knowledge Press. Part 1.

Bromham, L 2017, 'Evolutionary complexity'. Seminar. ANU.

Hattie, J 2015, *The politics of distraction*, viewed 17 May 2017, <<https://visible-learning.org/2015/06/download-john-hattie-politics-distraction/>>.

Granath, B 2015, *Former astronauts recall historic first moon landing*, NASA, viewed 1 June 2017, <<http://www.nasa.gov/content/former-astronauts-recall-historic-first-moon-landing>>.

McInerney, D & McInerney, V 2010, *Educational psychology: constructing learning*, 5th edn, Pearson Australia, Frenches Forest. Chapter 13.

Newell, B & Proust, K 2017, 'Introduction to systems thinking'. Workshop. ANU.

Taleb, N 2007, *The black swan: the impact of the highly improbable*, Random House, New York. Part 1.

Image sources (in the order as shown in the video):

A river: <https://pixabay.com/en/torrent-white-water-force-nature-87/>

River transport: http://www.trekearth.com/gallery/Asia/Indonesia/Java/Jakarta_Raya/Jakarta/photo868610.htm

River fish: <http://chicagotonight.wttw.com/2017/03/20/photos-capturing-invasive-asian-carp-illinois-river>

River pollution: <http://thebrazilbusiness.com/article/10-most-polluted-rivers-in-brazil>

Pedder dam: <http://www.truenorthmark.com/photo/down-to-the-dam/>

Moon landing: <http://www.nasa.gov/content/former-astronauts-recall-historic-first-moon-landing>

V2 rockets: <http://www.dailymail.co.uk/news/article-2750353/Interactive-map-reveals-hundreds-sites-Hitler-s-V2-rockets-killed-thousands-British-civilians-final-months-WW2.html>

Sputnik: <https://en.wikipedia.org/wiki/File:Sputnik-516.jpg>

JFK: <https://newsela.com/articles/speeches-jfkennedy-moon/id/15299/>

Challenger: <http://news.nationalgeographic.com/news/2011/01/pictures/110127-challenger-disaster-space-shuttle-25th-anniversary-myths-science-nasa/>

Classroom: <http://www.managementparadise.com/article/6172/information-on-education-in-australia>

Protest: <http://theconversation.com/free-university-education-is-not-the-route-to-social-justice-49755>

Reading v Funding: <https://www.oecd.org/pisa/pisaproducts/pisainfocus/49685503.pdf>

Popularity v Effectiveness: <https://visible-learning.org/2015/06/download-john-hattie-politics-distraction>