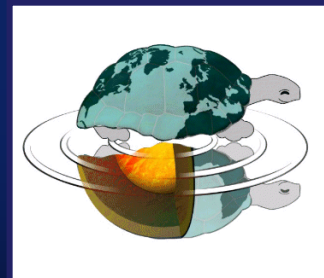




UNIVERSITÀ DEGLI STUDI DI MILANO



Corso di Dottorato in
Scienze della Terra

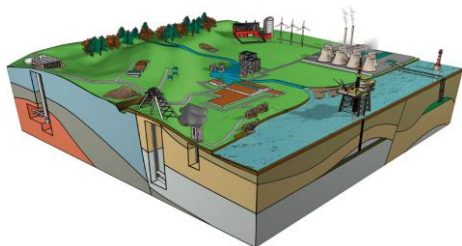


Dipartimento di Eccellenza 2018-2022
LE GEOSCIENZE PER LA SOCIETÀ: RISORSE E LORO EVOLUZIONE

Milano - 25-28 Novembre 2019 - Short course (4 cfu) - Aula XX

Geology of Decarbonisation

by **Mike Stephenson**



PROGRAM

1. Basics of the energy and power system
2. The carbon cycle, fossil fuels and climate change
3. Natural global warming: climate change in 'deep time'
4. Artificial global warming: the 'fossil economy'
5. The coming industrial revolution? Fossil fuels and developing countries
6. Geology and the reduction of emissions
 - The Geological Principles of Carbon Capture and Storage
 - Bioenergy With Carbon Capture and Storage
 - Indirect Ways that Geological Materials Contribute to Low Carbon



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