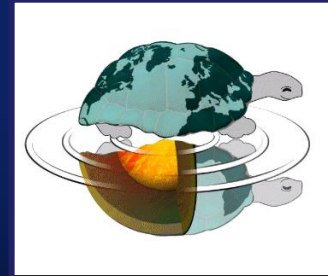




UNIVERSITÀ DEGLI STUDI DI MILANO

Corso di Dottorato in
Scienze della Terra
(PhD, Earth Sciences)



Milano - 4-6 December 2017 - Short course (3 cfu)
AULA C, Dipartimento di Scienze della Terra
4-5 December 2017 h 9-13 and h 14-17
6 December 2017 h 9-13

Shale gas - a multidisciplinary approach

PROGRAM

1. Background to the shale gas 'revolution'
2. Shale gas formation
3. Main shale plays
4. Hydraulic fracturing
5. Groundwater contamination
6. Induced seismicity
7. Production methods
8. Shale gas and climate
9. Shale gas regulation



Prof. Mike Stephenson
British Geological Survey

For information and application contact:
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4 December 2017 (9-13; 14-17) Aula C

1. Introduction to shale gas - economics and geopolitics
2. Shale resource geology
3. Some important shale plays
4. Hydraulic fracturing: the basics

5 December 2017 (9-13; 14-17) Aula C

1. Hydraulic fracturing and groundwater
2. Hydraulic fracturing and induced seismicity
3. Resource development
4. Shale gas and climate

6 December 2017 (9-13) Aula C

1. Shale gas regulation
2. Exercise on baseline shale gas monitoring using real-time actual data.
Laptops with wifi will be required.

