100 Years and Beyond: Future Petroleum Science & Technology Drivers

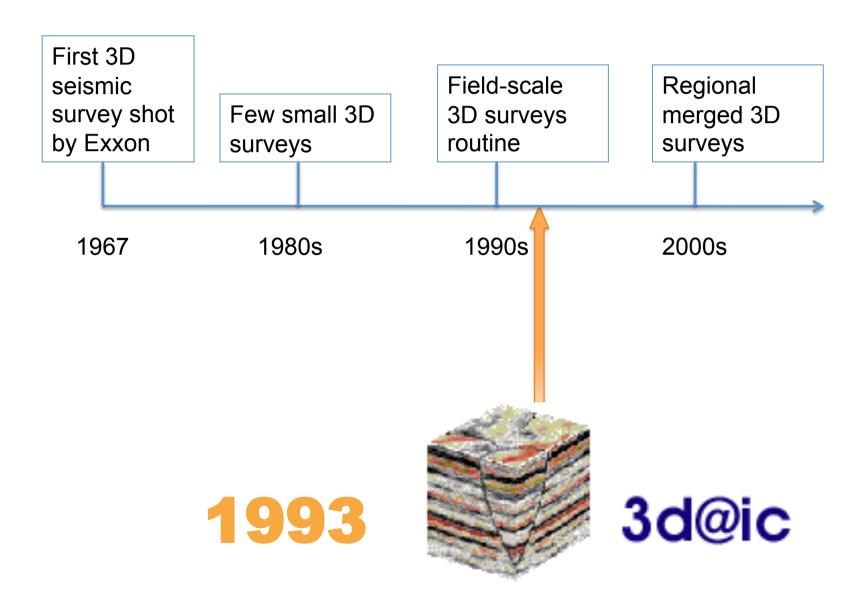
Concluding Remarks



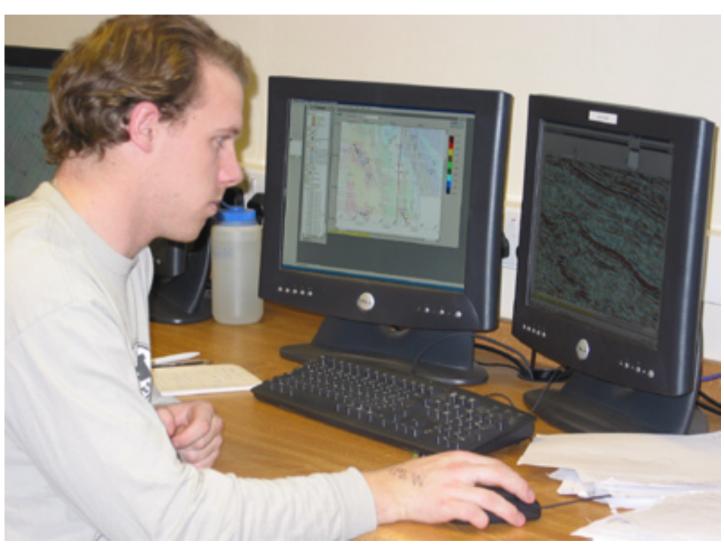
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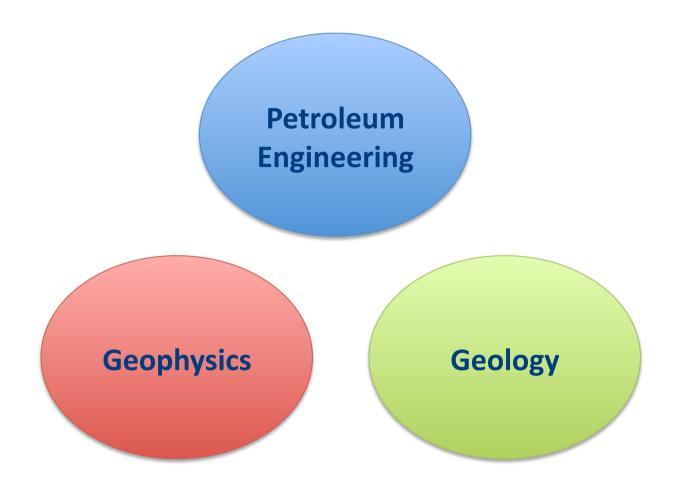




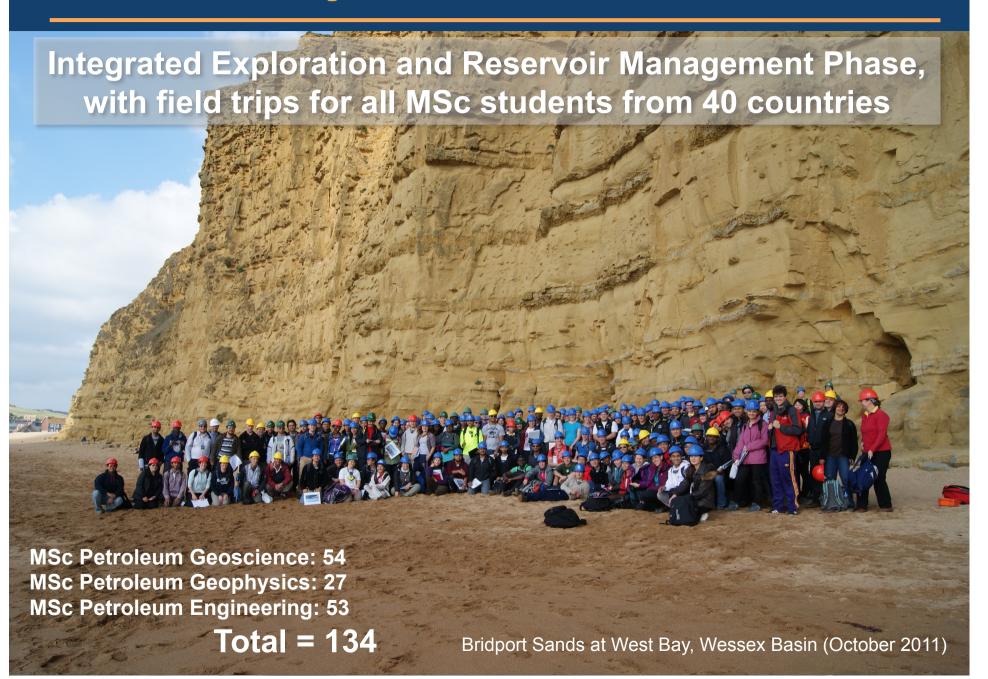
Early 2000s

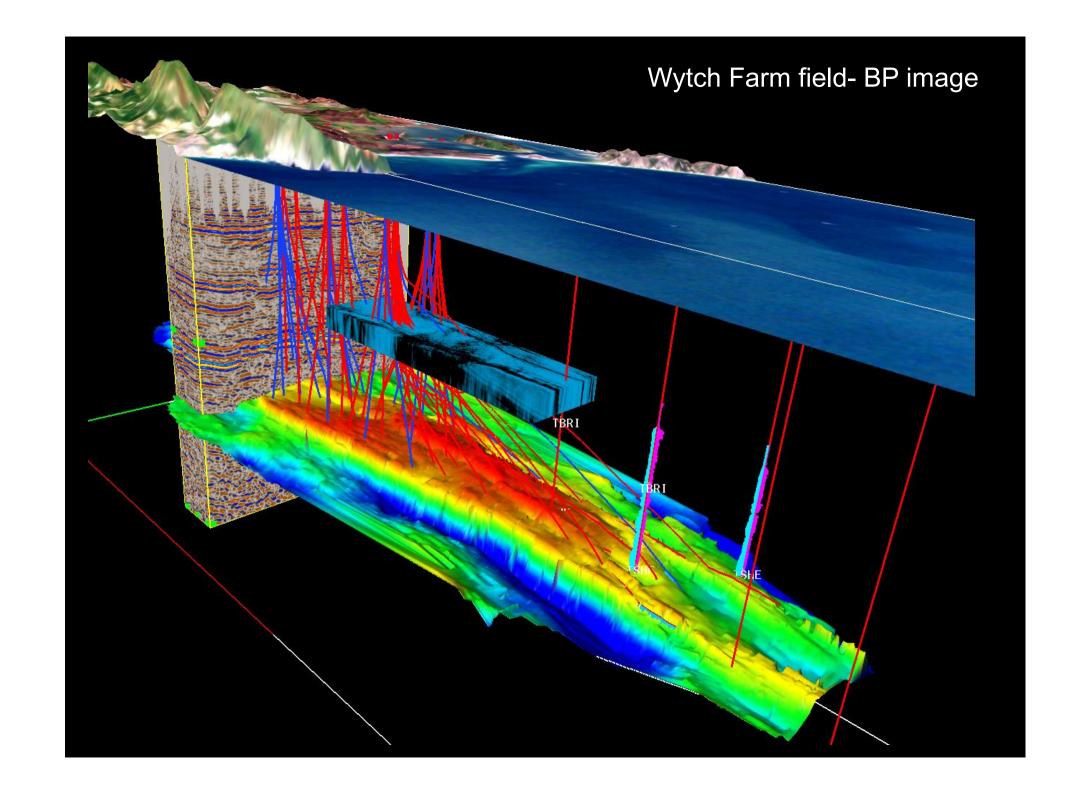
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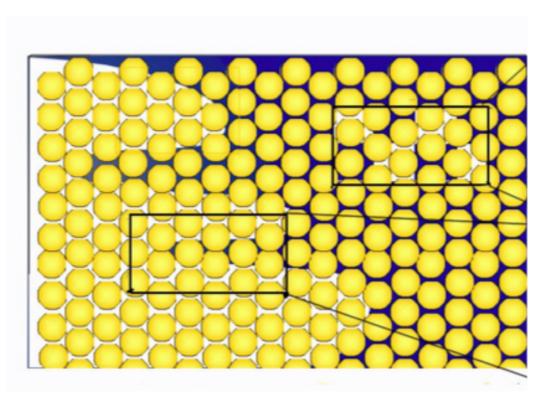




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ie Mixing Model

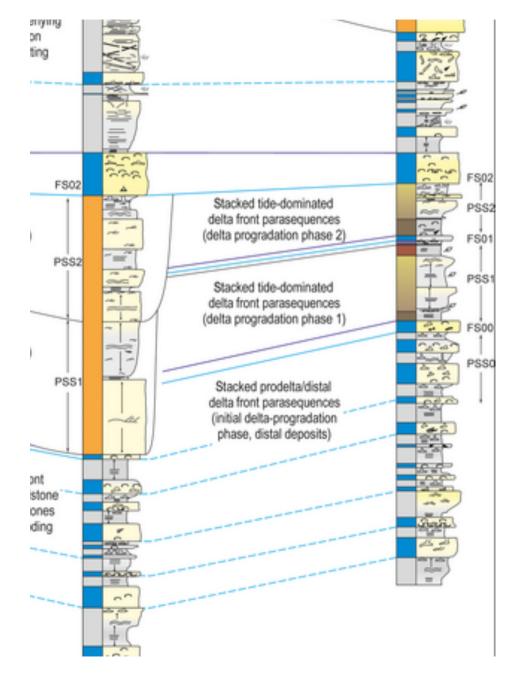
$$f_{buid} = (K_{brine} - K_{co_2})(1 - S_{co_2})^e + K_{co_2}$$

Patchy, Hill, 1963

$$\frac{1}{S_{f luid}} = \frac{S_{co_2}}{K_{co_2}} + \frac{S_{brine}}{K_{brine}}$$

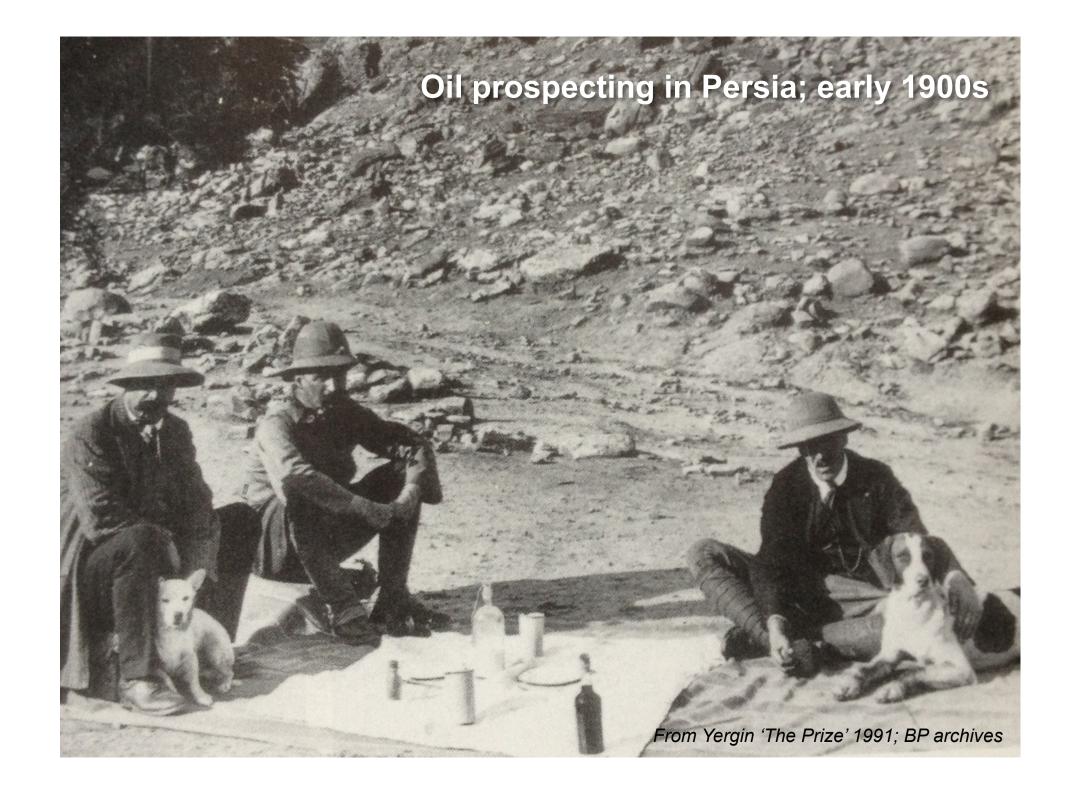
$$\frac{1}{K_{sat} + \frac{4}{3}\mu_{sat}} = \sum_{i=1}^{N} \frac{S_i}{K_i + \frac{4}{3}\mu}$$

lomogeneous Reuss



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- global trends
- exploration trends and technologies
- development & production trends
- sustainable energy, unconventional hydrocarbons, climate change





Acknowledgements

Organising Committee

Professor Howard Johnson (Chair)

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Steve Whalley (The Geological Society)

Laura Griffiths (The Geological Society)

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