



Introduction & timetable

KEY INFORMATION

COURSE TITLE:	One very wet, dry, windy, cold day - a 10 unit distance learning course with fortnightly Zoom
LEVEL:	The course is designed for anyone interested in learning about sedimentary rocks and the processes that make them. Little or no previous knowledge is required
DATES:	The weekly live Zoom sessions are on Mondays at 2 or 7pm commencing November 10. These Zoom sessions are your opportunity to interact with the tutor and fellow learners.
DELIVERY:	Course participants can access supporting materials in print form, or by Moodle and Email. Printed papers cost £25.00 extra.
COURSE TUTORS:	Chris Darmon & Colin Schofield
CONTACT:	email: downtoearth@geosupplies.co.uk or tel. 0114 2455746

WELCOME TO THE LEARNING ZONE...

We welcome everyone to our **Down to Earth learning zone**, whether this is your first time, or you are a regular! You'll be joining a community of learners across the UK who come together on a weekly basis in Autumn and Winter to discover more about our fascinating subject. We provide a relaxed learning environment in which we can all learn both from the tutor and each other. We'll be providing weekly materials that will lead you to find out more, doing your own bit of research on the internet, or even searching your own memory and sharing what you find with others. This is supplemented by live fortnightly Zoom meeting on Wednesdays at 7pm, when you will be able to interact with the tutor.

Colin is not only a geography/geology graduate with many years experience of teaching adults, he is also the master of the technical side of Zoom and the 'driver' of all of our recent Zoom courses. He will be adding much to your learning experience both face to face and via Moodle.



To protect our materials, we must ask you to agree not to share them with anyone not enrolled on the course by any means, including email. This is a condition of you enrolling on this course.

INTRODUCTION TO THE COURSE



This course takes on overall view of sedimentary rocks and the processes that produce them. This includes a look at the modern day environments and their ancient equivalents. The principle aims of the course are:-

- to introduce you to the vast array of sedimentary rocks and the processes that made them.
- to demonstrate the limits of the principle of uniformitarianism (the present is the key to the past)
- to show how some processes act very slowly whilst others are sudden and dramatic
- to help you to 'read' rock outcrops and specimens and thus to learn more about how they formed

COURSE CONTENT

Below is an outline of the content of each of the Units that will be presented week by week.

- **Round & round** - the rock cycle; uplift, weathering, erosion, transport and deposition
- **Sediment to sedimentary rock** - lithification and diagenesis and rates of deposition

- **Evidence from the crime scene** - sedimentary structures give away so much about what was going on
- **A world of sediment** - an overview of sedimentary environments both today and in the geological past
- **It's an ill wind** - the desert environment of dunes and flash floods
- **Piles of mud and sand** - muddy and sandy coastal environments
- **A tropical paradise** - the carbonate environment of reefs and lagoons
- **With the help of gravity** - the deep marine environment of turbidites and oozes
- **From the Nile to the Thames** - the varied rocks and processes of the fluvial and deltaic environments
- **Earth's removal truck** - enormous power in the glacial and periglacial environments



PRACTICAL POINTS

- To take part in this course, you'll need a computer, iphone or tablet with access to the internet. You'll also need a valid email address - please supply this at the time of enrolment.
- Additional background material will be available as pdf files, or can be supplied in printed form by mail. A broadband connection would be very helpful, but is not essential.
- To access Moodle, Colin will give you some simple instructions and a password.
- To take part in the live Zoom presentations, you'll obviously need a camera and microphone.
- Shortly before the course begins you'll be sent the Zoom login and password which will be constant throughout the course.

THE COST

The cost of this course is £80.00 per person (or £100.00 for two people studying together). If you would like to have the background materials printed and mailed to you, this is an extra £25.00.

HOW TO ENROL

You can enrol by visiting our website and entering the online shop - look under courses - and payment can be made using a wide variety of cards.

www.geosupplies.co.uk
or you can ring us on 0114 2455746

You can also send a cheque to the following address (made payable to "Geo Supplies Ltd"):-

***Geo Supplies Ltd., 49 Station Road, Chapeltown,
 Sheffield, S35 2XE***

LOOKING FOR HELP OR ADVICE?

If you have any queries, please don't hesitate to contact us by email:-

downtoearth@geosupplies.co.uk or you can call: 0114 245 57846