

# US412S - The Evolving Earth

## Présentation

### Prérequis

- Avoir validé les UE : BCP001, BCP002, BCP003, BCP004, BCP005, USTM16, USTM17, USTM18, USTM19, USTM1A, USTM1B

OU

- Par VAE/VES

### Objectifs pédagogiques

To consider the tectonic, climatic, geographical and paleontological history of the Earth over the last 4.6 Ga, putting Britain and Europe into a global context.

Evidence for plate tectonics, environmental change and associated sedimentary, igneous and metamorphic processes will be considered.

Detailed case studies of classic localities in the UK and overseas will be used.

### Compétences

Understand the processes affecting the Earth over time.

Understand the geological history of Britain since the Precambrian in the context of plate movements and palaeoenvironmental change

## Programme

### Contenu

Evidence for plate tectonics

Supercontinents and mountain building (e.g. Caledonian and Alpine Orogenies)

Geological history of British Isles since the Precambrian

### Modalités de validation

- Examen final
- Projet(s)

## Description des modalités de validation

### Assessment Criteria

Portfolio 1

Written examination - closed book (unseen)

🌟 Valide le 18-01-2019

**Code : US412S**

10 crédits

**Responsabilité nationale :**

EPN08 - Institut national des sciences et techniques de la mer (INTECHMER) / Marie-laure MAHAUT

**Contact national :**

Cnam-Intechmer  
Boulevard de collignon  
BP324  
50110 Cherbourg en cotentin  
02 33 88 73 40  
Service scolarité  
[scolarite-intechmer@cnam.fr](mailto:scolarite-intechmer@cnam.fr)