

# GEOS9AJ GEODYNAMICS AND ORE CONCENTRATIONS

**GEOS9AJ / RM1 Master GPRE**

**Geodynamics and ore concentrations**

**Credits : 2 ECTS**

**Duration: 21 heures**

**Semester : S9**

**Person(s) in charge:**

Anne-Sylvie ANDRE-MAYER, Professor, [anne-sylvie.andre@univ-lorraine.fr](mailto:anne-sylvie.andre@univ-lorraine.fr)

**Keywords :** Introduction to Geology, Tectonics, endogenous and exogenous Petrology, Geochemistry

**Prerequisites :**

**Objectives :**

Describe the different types of metal deposits with their geodynamic context.  
Identify the impact of Earth geodynamics on transfers of material during the ?? history of the Earth (distinction between core / mantle / crust, plate tectonics and orogenic cycle).  
Steps of metal concentrations at the earth space and time scale.

**Abilities:**

Levels	Description and operational verbs
Know	
understand	
Apply	
Analyse	
Summarise	
Assess	

**Assessments:**

<input type="checkbox"/> Written test	<input type="checkbox"/> Continuous control	<input type="checkbox"/> Oral report	<input type="checkbox"/> Project	<input checked="" type="checkbox"/> Written report
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