GEOCHEMIST

Geochemists use their knowledge of chemistry to study our Earth. The elements in soil, rocks and mineral deposits can reveal to us information about the health of our environment and how it may be changing.

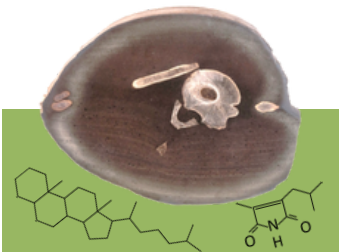
Curtin University

WA-OIGC

GEOCHEMIST

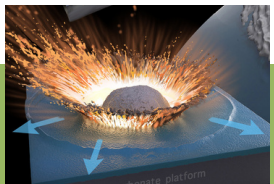
Research at WA-OIGC?

Our Earth and environment is filled with more than just rocks and soil. Hidden beneath the surface is chemical information which is millions of years old.

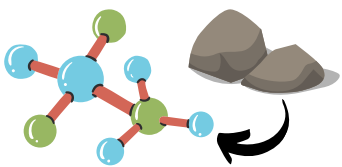


A back bone from an ichthyosaur and the biomarkers which were found within the fossil.

Our geochemists at WA-OIGC search for molecules and biomarkers which tell us more about ancient events and species trapped inside fossils.



By studying the Earth at the crash site of the asteroid which killed the dinosaurs, we can use biomarkers to track the tsunami which followed, and the slow recovery of life after the event.



Our geochemists analyse current chemicals in water systems to determine levels of microplastic pollution in the ocean.

How do I get involved?

If you are keen on learning about geochemistry consider studying these subjects at school:

- Chemistry
- Earth and Environmental Science
- Mathematics

And keep your eye out for these courses at Curtin University:

- Bachelor of Science (Chemistry)
- Bachelor of Science (Earth Sciences)