



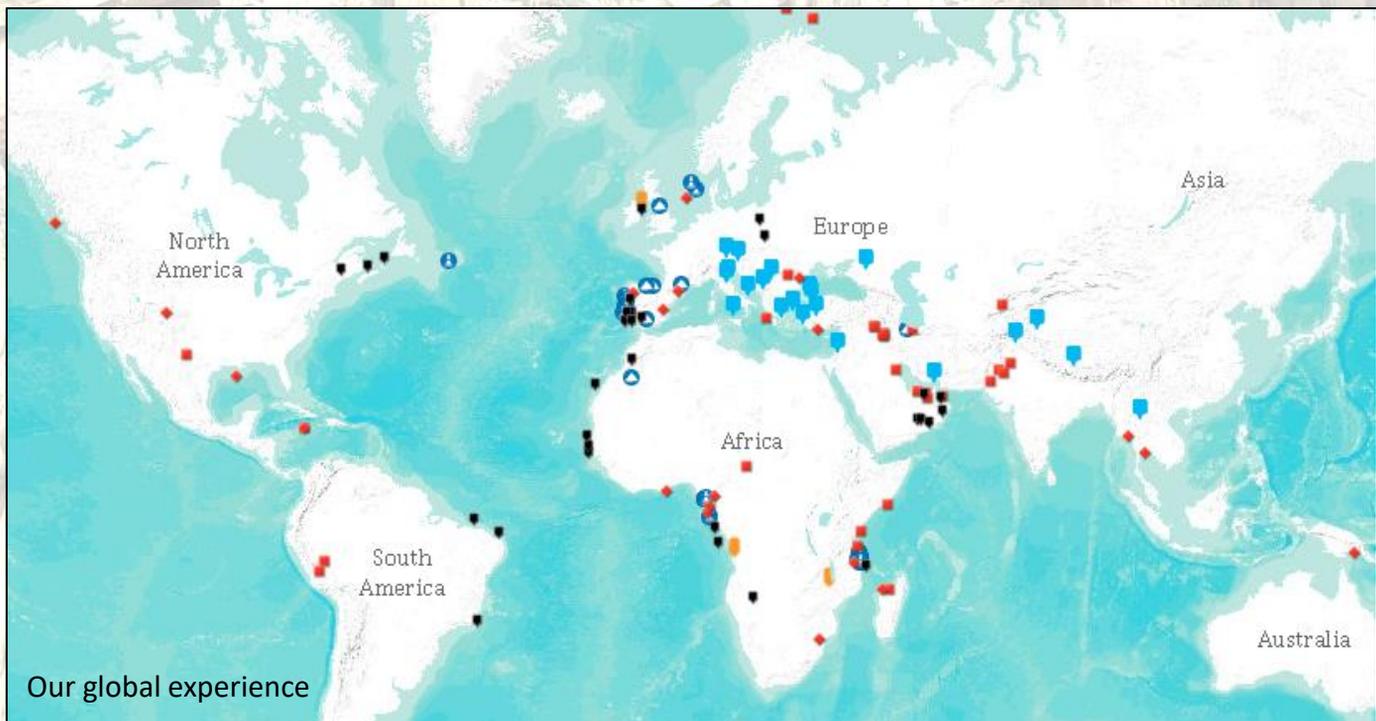
Integrated services in Geosciences

**Services for the
mining industry**

Chronosurveys is a Geological Consultancy that offers integrated services to the Oil & Gas and Mining industries, Research institutions and Geological surveys internationally.

Chronosurveys brings together the best of the Oil & Gas Industry and Academia. We are a group of Geoscience consultants and specialist researchers in Academia with vast international experience on Precambrian to recent sediments in a variety of geological settings. Our main areas of activity are:

- ***Stratigraphy***
- ***Source Rock evaluation***
- ***Petroleum Geology***
- ***Training***
- ***Regional prospectivity studies***
- ***Research***



We provide integrated services on multiple areas of Geoscience. In complex areas of low-grade metamorphic rocks, coal deposits and evaporites, biostratigraphy can also be used, thanks to our innovative approaches to these rocks.



Coal stratigraphy

Need to evaluate the stratigraphy of coal measures, correlate between wells or mine sections? Palynology of coal beds and interbedded sediments can provide the needed calibration. Well, outcrop and mine samples are suitable.

Shale-hosted metal deposits and other sediment-hosted ores

Many transition metal deposits around the World are hosted by black shales and other fine-grained sedimentary rocks. Despite the common metamorphic alteration, palynology can still be used in for stratigraphic purposes.

Other fossil groups can be used in metamorphic terranes, from macrofossils to conodonts, depending on the type of rocks and age.



Rock salt and evaporites

Chronosurveys refined a method to extract microfossils from evaporites and associated sediments. The method has been effectively used in samples from Permian to Miocene age, well, mine and outcrop, allowing to refine the stratigraphy and depositional environment interpretation.

About Chronosurveys

Our services include:

- Biostratigraphy
 - Palynology
 - Nannofossils
 - Micropaleontology (forams)
 - Conodonts
 - Other disciplines (SSF, metamorphic terranes, etc)
 - Review of vintage reports
- Source rock evaluation
 - Organic geochemistry (TOC, RockEval)
 - Thermal maturity (vitrinite reflectance, spore colour, fluorescence)
 - Visual kerogen typing
- Seismic interpretation and prospect generation
 - Data room evaluations
 - Regional prospectivity
 - Volumetrics and risking
- Stratigraphy and reservoir geology
 - Well correlation
 - Petrographic descriptions
 - XRD
- Multiclient regional prospectivity reports
 - Dynamic GIS project (and webGIS version)
 - Petroleum system evaluation with plays, GDE and CRS maps, well data, seismic and cross-sections, outcrop data, source rock and reservoir parameters
- Training
 - In house and offsite training courses (biostratigraphy, seismic interpretation, petroleum geology)
 - Field trips in Portugal
 - Geo-Historical tours of Lisbon

We are available to discuss further details in a Zoom/Teams meeting or by email: info@chronosurveys.com



Follow us on [Linkedin](#) and [Facebook](#)

www.chronosurveys.com

Contact us to know more
info@chronosurveys.com

© 2023 Chronosurveys Lda