

APPLICATION FOR COSMOGENIC NUCLIDE ANALYSES

Your Name and Position

Contact Details (email & phone)

Date

You have expressed an interest in a project using cosmogenic nuclides that involves sample processing at GFZ Potsdam. We are receiving more requests for collaboration than we can fulfil due to us currently having only one small laboratory and one scientist that would be available to oversee such projects. Thus we kindly ask you that using this form you provide us with information about the project and intended work.

IMPORTANT! Please also attach a maximum two page document that includes details on:

- 1) overall rationale of the study,
- 2) scientific aims,
- 3) hypotheses to be tested,
- 4) location of study area and reasons for choosing this area,
- 5) type of samples to be collected or already collected (e.g., soil, bedrock, sand),
- 6) cosmogenic nuclides to be analysed,
- 7) any relevant figures and data tables.

We will evaluate your application and make a decision based on the following criteria:

- innovative scientific potential of the proposed project,
- feasibility (i.e., methods to be used, availability and quality of samples, people involved in executing the work and publishing the results),
- availability of third-party funding
- publication record of scientists involved

Project details

Title

Start date

End date

Approximate number of samples

Project abstract

Please tick this box if you would prefer a fully commercial project

A fully commercial project means that you will supply clean quartz separates and we at the GFZ will do everything up to AMS target. The costs can vary between €250 - 1000 per sample, depending on sample amount and purity.

Please tick this box if you would prefer a collaborative project

A collaborative project means that GFZ scientists will advise on sampling, quartz cleaning, data evaluation and interpretation, and will co-author publications. The costs can vary between €50 - 350 per sample, depending on sample amount and purity.

Will the work be performed by a PhD student or Postdoctoral researcher that you supervise? If yes, please provide details (name, status - PhD /Postdoc, contact details). **IMPORTANT! The student or researcher must attend an introductory course before starting work.** The course is organised at the GFZ every year in January or February.

List of peer-reviewed publications (for the past 5 years) of the person who will publish / supervise the publication of results

Funding details

For applications that are part of third-party funded projects please indicate source of funding . Please also indicate whether there are funds allocated for AMS costs.

Any other relevant information