



B17. Do you want to add a Collaborator

Yes

No

Section C: Project Collaborator 1

Organization and job title

C1. Title

C2. First Name

C3. Last Name

C4. Email

Please double check your e-mail for correctness so that we can reach you.

C5. Gender (Male/Female)

Male

Female

C6. Date of Birth

C7. Nationality

C8. Phone number

C9. Position held

i.e. Professor, scientific collaborator, project manager

C10. Organization Name

C11. Department



E17. Do you want to add another Collaborator?

Yes

No

Section F: Project Collaborator 4

Organization and job title

F1. Title

F2. First Name

F3. Last Name

F4. Email

F5. Gender (Male/Female)

Male

Female

F6. Date of Birth

F7. Nationality

F8. Phone Number

F9. Position held

i.e. Professor, scientific collaborator, project manager

F10. Organization Name

F11. Group

F12. Department



P2. Please provide us with information on the data format of the dataset to be provided to Clowder

Section Q: Scientific Case

Please provide all details about the scientific case of your project explaining why it should be granted access to the requested resources based on the criteria of the call.

Q1. Describe your research project. Include discussion of the scientific questions that you are planning to address and the overall scientific goals of the project. It is important that you describe the novelty, impact and timeliness of the proposal.

Please include among other items that you consider essential for the scientific evaluation: summary of the proposed research, what is the scientific and/or social impact, what is the state of the art for the studied field, what is the innovation that your research will bring in comparison to the state of the art, why numerical simulation is an effective tool to achieve your scientific aims and objectives) (This section must be no longer than 2 pages)



Q2. Recent bibliographic references that are relevant to the project.

Q3. Describe the numerical methods and algorithms that you are planning to use, improve, or develop. List the codes, packages or libraries that you need to carry out the project and explain how these will enable the research to be achieved

Even if you are using an existing application please explain what are the methods that this application uses and are going to be used to solve your problem. (1 page)



Q4. Explain why this project needs the requested VI-SEEM services, why the selected VI-SEEM services are suitable for the project and how the use of the services and resources will enable the science proposed. You should describe the architectural characteristics of VI-SEEM resources that are beneficial to your applications and the problem sizes that have been used to test for scaling and provide supporting evidence (applicable for HPC resources).

Describe on what systems and services you are currently using, what are the limitations of these systems, what characteristics of VI-SEEM services are not available on systems you currently use. For applications requesting HPC, Grid or Cloud resources please provide performance and scaling data of your runs on any type of systems you are running.

Q5. In case you are requesting HPC resources:

Justify the number of core hours requested (per code). This should include information such as: run type, wall clock time per step, number of jobs per run type, the number of CPU cores and the total core hours per run type. This information should take the form of a table. Explain how the core hours requested will be used (1 page).



Q6. Describe your experience using resources and services similar to the ones you have requested, in the past and how you will manage using such services and resources. What other experience do you and your team bring to this project?

Describe your team's experience on using HPC resources, like System types, Modules / Pre-installed Applications, Compilers, Libraries, Parallel Execution Environments, Batch Systems, Work with save / restart schema in the maximum wall time limits per job. (1 page).

Q7. If applicable please explain what type of data you could make available to the VI-SEEM communities if your application gets accepted. What would be the license type? Are there any confidentiality issues with such data?



Q8. If applicable please explain what type of software you could make available to the VI-SEEM communities if your application gets accepted. What would be the licence for such software?

Q9. If applicable please explain what type of application specific services or workflows you could make available to the VI-SEEM communities if your application gets accepted. What would be the licence for services, workflows?