**General presentation** *(please remove this section when submitting your application)*

*All free form sections should follow this formatting:*

* *­Page size: 8½ x 11 inches*
* *­Margins: no less than ¾ of an inch on all sides*
* *­Font: Times New Roman (no smaller than 12 pts) or Arial (no smaller than 11 pts)*
* *­Header: include the title of the application and the name of the PI at the top of every page*
* *­All pages should be consecutively numbered*

**Resource Justification**

*Portals: maximum 3 pages*

*Platforms: maximum 6 pages*

**1. Resource request summary**

*The table below is provided as a suggestion. Please adjust according to the needs of your project.*

|  |  |  |  |
| --- | --- | --- | --- |
| **Resource Type** | **Year 1** | **Year 2** | **Year 3** |
| CPU (core years) |  |  |  |
| Storage (TB) |  |  |  |
| Persistent Cloud (VCPU) |  |  |  |
| Compute Cloud (VCPU) |  |  |  |
| GPU (GPU years) |  |  |  |
| CC Support (Y/N) |  |  |  |

***Important note: when completing your RPP online application form on CCDB, you MUST select the resource(s) of your choice, the amount requested and provide other important technical details as specified in the form.***

**2. Expected resource usage**

*If you expect to request cloud resources in multiple locations, please provide details in this section.*

**2.1 Description of storage and compute needs.**

**2.2 Rationale for the choice of specific computing and storage resources (if applicable).**

**2.3 Description of high demand periods (If applicable).**

**2.4 Description of who is expected to use the resources (domestic proportion across country, international proportion and distribution).**

**3. Description of the support required from Compute Canada to enable success of the platform/portal.**

**Strategic Plan**

*Portals: maximum 3 pages*

*Platforms: maximum 15 pages*

1. **Goal and Alignment**

* *Main goal of the portal or platform*
* *Importance of the scientific area to Canada*
* *Alignment with the strategic goals of Compute Canada as outlined in the* [*Strategic Plan 2014-2019*](http://www.computecanada.ca/wp-content/uploads/2015/02/2014-2019_Strategic_Plan_EN_Web.pdf)
* *Timeline (The table below is provided as a suggestion. Please adjust according to the needs of your project.):*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Phase** | **Year 1** | **Year 2** | **Year 3** | **Dependent on CC resources?** |
| *Phase 1* | *[goal, milestone or outcome]* |  |  | *Yes / No* |
| *Phase 2* |  |  |  |  |
| *Phase 3* |  |  |  |  |

**2. Use of a Platform/Portal**

* *Describe the need for a platform/portal and the added value that will be created for the user community*
* *Provide context of the demand by the research community to consolidate efforts into a platform/portal*
* *Describe the level of interaction between Canadian and international research groups and platforms*
* *Outline the proposed approach to sharing data sets across or within the platform/portal*

**3. Expected Impacts**

* *Describe the expected impacts of the research resulting from the platform/portal*
* *Provide a detailed list of the outcomes resulting from the use of Compute Canada resources and the expected schedule for achieving these outcomes*
* *Explain how other partners, researchers or scientific areas will benefit from the outcomes of the research*

**4. Management and Operation of the Platform/Portal**

* *Provide a detailed description of the management system and how the resources will be shared/distributed across the platform/portal*
* *Explain how the research community will access the resources and how the platform/portal will maintain/increase the population accessing resources*
* *If applicable, describe the evaluation mechanisms used to provide scientific rigor in selecting projects*
* *Detail the type of information collected and the regularity of the project reporting to track the progress towards the anticipated expected outcomes*

**5. Highly Qualified Personnel (HQP)**

* *Describe the potential impacts on HQP through their involvement in research activities using Compute Canada's resources*
* *Provide a table of the total number of HQP directly engaged in projects utilizing Compute Canada Resources and across academic levels (e.g. Undergraduate, Masters, PhD, PostDoc, etc.)*

|  |  |  |
| --- | --- | --- |
| **HQP involved** | **# Canadian HQP** | **# International users HQP** |
| Undergraduate |  |  |
| Master's |  |  |
| PhD |  |  |
| PostDoc |  |  |
| Etc ... |  |  |

* *Please also provide the following information:*

**Canadian collaborators**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name (or #) of user(s)** | **Role (in the project)** | **Position** | **Affiliation** |
|  | *Co-PI\*, collaborator, HQP, user...* | *Professor, Assistant Professor, Masters, PhD, PostDoc, etc.* | *Institution* |
|  |  |  |  |

*\*Only people with Compute Canada accounts can be listed as Co-PIs.*

**International collaborators *(if applicable)***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name (or #) of user(s)** | **Country** | **Role (in the project)** | **Position** | **Affiliation** |
|  |  | *Collaborator, HQP, user...* | *Professor, Assistant Professor, Masters, PhD, PostDoc, etc.* | *Institution* |
|  |  |  |  |  |

* *Describe any unique training opportunities for HQP resulting from the platform/portal*
* *Provide any examples of potential for cross pollination between disciplines of HQP within the platform/portal community*