



# AIMS

African Institute for  
Mathematical Sciences  
**RESEARCH**

## AIMS POSTDOCTORAL RESEARCH FELLOW PROGRAM

### Call for Applications

Through a grant from the International Development Research Centre, Ottawa, Canada, [www.idrc.ca](http://www.idrc.ca), and financial support from the Government of Canada provided through Global Affairs Canada (GAC), [www.international.gc.ca](http://www.international.gc.ca), under the Mathematical Sciences for Climate Change Resilience Program, the African Institute for Mathematical Sciences – Research (AIMS Research) is pleased to invite prospective postgraduate students who hold a PhD degree in any mathematical science discipline to apply for one of 15 postdoctoral fellowships PhD available through the AIMS Postdoctoral Research Fellow Program (AIMSPostdoc)).

Successful candidates will each benefit from financial support of up to CAD 32, 000 per annum for a maximum duration of two years, extendable subject to approval. They will be based at one of the seven existing AIMS Research Centres, including Quantum Leap Africa. Beneficiaries may be registered in any recognized institution of higher learning located in the same country as the host AIMS Research Centre. Funding will be provided for fellows and their supervisors to attend one research school that will take place at AIMS Rwanda.

### Scope of the research to be undertaken

The postdoctoral research fellowships will be provided for projects on any topic that is relevant to the understanding, modelling, and/or response to climate change. Projects must have a substantial quantitative content. The ideal project will combine theory with data, and will have one or more practitioners as collaborators. However, exclusively theoretical projects may also qualify for funding.

### Eligibility

- ❖ Applicants can be from any country.
- ❖ Applicants must hold at least a PhD degree (or a recognized equivalent) in any field related to mathematical sciences before the start date of this position.
- ❖ Applicants should be interested in undertaking research within climate change science and related areas.
- ❖ Knowledge in mathematical modelling would be an advantage.
- ❖ Applicants must be open-minded, and must be willing to conduct their research at their preferred AIMS Research Centre, or a designated partner institution in the same host country. The designated partner institution could be an academic/research institution or a non-academic institution(e.g. industry)

### Financial Information

This is a two year extendable research position with a maximum total cost to AIMS of **CAD 32,000 per annum**. The cost includes a return flight ticket from the candidate's home/institution to the AIMS



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Research Centre, tuition (if applicable), visa application, accommodation, living support, and health insurance.

## How to Apply

Applications should be submitted using the [online application form](#), and should contain the following supporting documents:

- ❖ a completed [personal details form](#),
- ❖ a completed [project proposal form](#),
- ❖ a letter of motivation which outlines why you should be offered this position,
- ❖ most recent transcripts and attestation, and
- ❖ a current CV.

Your supporting documents should be ready for submission before you complete the online application form. Supporting documents should be saved as pdfs in the format: “name of the researchprogram\_type of\_document\_AIMSentity/centre\_monthyear\_applicant’s name-surname”. For instance, the personal details form should be saved as “AIMSPostdoc\_personaldetails\_AIMSRwanda\_Dec2018\_SarahJake”.

Two academic referees from tertiary institutions should email confidential letters of support on your behalf to [AIMSPostdoc@nexteinstein.org](mailto:AIMSPostdoc@nexteinstein.org) using the subject line:

AIMSPostdoc\_supportletter\_AIMSentity/centre\_month/year\_applicant’s name-surname’ e.g. ‘AIMSPostdoc\_AIMSRwanda\_Jun2018\_JohnJake’. It is your responsibility to ensure that these letters of support are sent and received. Ensure to also download and send the ‘[Instructions for Referee](#)’ document and the above email address to your respective referees.

## Deadline

The call for applications will remain open until the required number of fellows are recruited. Only complete applications with required documents will be considered.

## Selection and Award

Applications shall be vetted by a committee consisting of expert researchers from AIMS, at least one external expert, and a representative from the AIMS Global Secretariat. Successful candidates will be contacted and will be expected to commence their research at the AIMS Research Centre within three months of receiving an award letter.

## Contact Information

For further information send an email to [AIMSPostdoc@nexteinstein.org](mailto:AIMSPostdoc@nexteinstein.org).