

# Curriculum Vitae for Innocent Gibbon Masukwedza

**Email Address:**

innomask@gmail.com  
G.Masukwedza@sussex.ac.uk

**Contact Numbers:**

0793 442 4321

**Location**

Brighton, UK

## Academic Profile

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| <b>Feb 2020 – date:</b>       | PhD student at the University of Sussex, United Kingdom.                                     |
| <b>Sept 2015 – Sept 2016:</b> | Master of Research in Climate and Atmospheric Science (University of Leeds, United Kingdom). |
| <b>Dec 2012 to Mar 2014:</b>  | Post Graduate Diploma in Meteorology (World Meteorological Organisation Class I).            |
| <b>Aug 2007 - May 2011:</b>   | BSc Honours in Applied Physics, National University of Science & Technology, Zimbabwe).      |

## Skills & Abilities

- Basic experience with High Performance Computing systems.
- Basic working knowledge of scientific programming languages (Python), analysing and visualisation of large datasets.
- Vast experience in working as an individual & in a team projects to deliver to joint goals. Effective time management - balancing the requirements of several different projects.
- Good English language communication skills (written, oral, presentation and listening).

## Working experience

- Research Scientist:** Zimbabwe Meteorological Services Department (May 2017 to January 2020).
- Acting Meteorological Manager for Aviation Services** – Zimbabwe Meteorological Services Department (May 2015 to Sept 2015).
- Meteorologist** – Zimbabwe Meteorological Services Department (Dec 2012 to May 2015).

## Awards & Membership of Professional Bodies

- Beit Trust-University of Leeds Scholarship for Masters studies at the University of Leeds (2015-2016).
- Zimbabwe meteorology expert in the Southern Africa Region Flash Flood Guidance System group since 2015.
- Member of American Geophysical Union since 2016.
- Associate Fellow of Royal Meteorological Society since 2015.

## Publications & International Presentations

- Maycock AC, Masukwedza GIT, Hitchcock P, Simpson IR. 2020. A regime perspective on the North Atlantic eddy-driven jet response to sudden stratospheric warmings. *Journal of Climate*.
- Operational Regional Flash Flood Guidance System: A case of study of Zimbabwe - published in the *World Meteorological Organisation Bulletin: Volume 67(1)* - 2018.
- Dynamics of North Atlantic Jet Regimes following major Stratospheric warming events.
  - presented at the Royal Meteorological Society Student conference in Manchester, United Kingdom in 2016;
  - presented at the European Geophysical Union-2017;
  - presented at the American Geophysical Fall Meeting-2017.
- Masukwedza and Batisai 2015. Strategies for understanding Lightning

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Myths and Beliefs - A Case Study for Zimbabwe. Centre for Science & Technology of the Non-aligned and other Developing Countries (NAM S & T Centre), DAYA Publishing House, New Delhi, pp 327–36

## **Project work experience**

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- Indigenous Knowledge Systems used in weather and climate forecasting in Zimbabwe (2017-2017). This project work was done in partnership with the University of Zimbabwe.
- Geospatial capabilities of remote sensing in redefining the Agroecological regions of Zimbabwe – (2018 and ongoing). This project work is coordinated by the Zimbabwe Ministry of Higher and Tertiary Education Science and Technology. The project is overseen by the Zimbabwe Research Council.

## **Referees**

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1. Prof. Martin Todd  
University of Sussex, Brighton, United Kingdom  
PhD supervisor  
**Telephone number:** +44 (0)1273 873723 or +44 (0)1273 877238  
**Email address:** [M.Todd@sussex.ac.uk](mailto:M.Todd@sussex.ac.uk)
2. Dr. Amanda Maycock  
University of Leeds, Leeds, United Kingdom  
Master's thesis supervisor  
**Telephone number:** +44(0) 113 34 39793  
**Email address:** [A.C.Maycock@leeds.ac.uk](mailto:A.C.Maycock@leeds.ac.uk)
3. Prof. Desmond Manatsa  
Dean of the Faculty of Science and Engineering  
Bindura University of Science Education, Bindura, Zimbabwe  
**Telephone number:** +263(0) 773 275 334  
**Email address:** [dmanatsa@gmail.com](mailto:dmanatsa@gmail.com)