



John **Ssebandeke**

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John-ssebandeke | John Ssebandeke

## Personal Data

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## Current position

TIME	May 2024 - Present
POSITION	Postdoc researcher
INSTITUTION	Max-Planck-Institut für Meteorologie (Hamburg, Germany)

## Experience

TIME	May 2020 - May 2024
POSITION	PhD researcher
INSTITUTION	Max-Planck-Institut für Meteorologie (Hamburg, Germany)

TIME	Aug 2019 - May 2020
POSITION	Junior researcher
INSTITUTION	The Abdus Salam International Centre for Theoretical Physics (Trieste, Italy)

## Education and Training

TIME	Aug 2018 - Aug 2019
PROGRAM	Postgraduate Diploma (Earth System Physics)
INSTITUTION	The Abdus Salam International Centre for Theoretical Physics (Trieste, Italy)
GRADE	4 on a scale of 4

TIME	Sep 2016 - Aug 2018
PROGRAM	MSc (Physics)
INSTITUTION	Makerere University (Kampala, Uganda)
GRADE	4.83 on a scale of 5

TIME	Sep 2012 - Jan 2016
PROGRAM	BSc (Physics and mathematics)
INSTITUTION	Makerere University (Kampala, Uganda)
GRADE	4.63 on a scale of 5 (first class)

## Publications

- **Ssebandeke, John**, Jin-Song von Storch, and Nils Brüggemann. Sensitivity of the Lorenz energy cycle of the global ocean. Ocean Dynamics (2023)

- Farneti, Riccardo, Alessandro Stiz, and **John B. Ssebandeke**. Improvements and persistent biases in the southeast tropical Atlantic in CMIP models. npj Climate and Atmospheric Science 5.1 (2022)
- **John B. Ssebandeke**. Quantifying aspects of the ocean's energetics using eddy-resolving simulations (2024)

## Conferences and workshops

2022	Poster presentation at ocean science conference
2022	Oral presentation at the ocean transport and eddy energy conference organised by Climate Process Team, CPT (Boulder, USA)
2022	Oral presentation at the Waves and mean flow workshop organised by TRR (Borno, Sweden)
2021	Eddies and waves workshop organised by TRR (hamburg, Germany)
2019	Summer school on oceanic eastern boundary upwelling systems (Trieste, Italy)
2018	African School of fundamental physics and applications workshop (Windhoek, Namibia)

## Selected achievements and awards

2012 - 2016	Stipend awarded by the Ugandan government
2016	Graduated as the best undergraduate student in the Physics department, and second in the entire college of natural science (Makerere University).
2018 - 2020	Stipend awarded by The Abdus Salam International Centre for Theoretical Physics (Trieste, Italy)
2019	Best masters student under the department of Physics (Makerere University)
2019	Maximum score and best student in earth System physics at Abdus Salam International Centre for Theoretical Physics (Trieste, Italy)

## Skills

COMPUTER SKILLS	Python MS-Office
LANGUAGE	English
OTHER SKILLS	Data analysis Project management