

EDUCATION

University of New South Wales	Sydney
PhD candidate, supervisor Associate Professor Jan Zika, in the School of Mathematics and Statistics.	2022–current
University of New South Wales	Sydney
Bachelor of science (Advanced Mathematics) (Honours) Class 1, major in applied mathematics.	2016–2021
University of Sydney	Sydney
Bachelor of music (Performance), major in double bass performance.	2007–2010

PUBLICATIONS

- Bisits, Josef I.**, Stanley, Geoffrey J., Zika, Jan D. 2022: Can we accurately estimate a lateral diffusivity from a single tracer release?, *Journal of Physical Oceanography*, DOI: 10.1175/JPO-D-22-0145.1
- Lloyd, Simon D., **Bisits, Josef I.**, Roser, David J., Khan, Stuart J., 2023: Assessing the impact of stormwater contamination events in urban estuaries proposed for bathing, (in prep).

CONFERENCE PROCEEDINGS, SEMINARS AND WORKSHOPS

ORAL PRESENTATIONS

- Bisits, Josef I.**, Can we accurately estimate a lateral diffusivity from a single tracer release? Novmeber 28th 2022.
Australian Meteorological and Oceanographic society annual conference 27th Noveember - 1st December 2022.

POSTER PRESENTATIONS

- Bisits, Josef I.**: Can we accurately estimate a lateral diffusivity from a single tracer release?, November 9th 2022.
Australian Centre for Excellence in Antarctic Science workshop 8-9th November 2022.

RESEARCH EXPERIENCE

Research assistant	Sydney
Assisted Associate Lecturer Simon Lloyd in historical water quality data analysis and modelling.	2022
Processing and analysing data used to develop the ‘riverwatch model’ - a predictive water quality model.	
Collaboration with Water Research Centre, UNSW	Sydney
PhD research: Recreational water quality in urban rivers.	2020
Initial and ongoing advice regarding statistical tests appropriate to the spatial and temporal analysis of water quality and meteorological data. Acknowledged in: Lloyd, D. S., et al. Swimming in urban rivers: Development of a Bayesian Belief Network to predict health risks to recreational users. <i>Closed Cycles 2020, Zurich, Switzerland, (2020, Sep 2–4).</i>	

TEACHING

Mathematics tutor	University of New South Wales
Classroom and private mathematics tuition.	2021–Current

Mathematics drop in centre
Mathematics 1A (MATH1131)

Double bass

Private and ensemble double bass tuition in Sydney.

Sydney
2017–2022

ORCHESTRAL EXPERIENCE

Sydney symphony orchestra

Double bassist

Sydney
2009–Current

Casual musician since 2009

Full time contract musician for 2015 season and September 2017–September 2018

Sydney symphony fellowship 2010

Australian chamber orchestra

Double bassist

Sydney
2013–Current

Regular casual musician since 2013

Emerging artist in 2013

Opera Australia

Double bassist

Sydney
Winter 2016–Current

Regular casual musician since 2016

Ulster orchestra

Double bassist

Belfast
Winter 2012

Held a trial for double bass section leader

Southbank sinfonia

Double bassist

London
2012

Principal double bassist

Twice appeared as a solo double bassist

SCHOLARSHIPS AND AWARDS

Australian Government Research Training Program Scholarship	2022–2025
School of Mathematics and Statistics research scholarship top-up	2022–2025
Australian Centre for Excellence in Antarctic Research PhD student	2022–2025
Corina d'Hage string scholarship	2008–2010
Michael Bannigan scholarship for academic achievement	2010
Winner of Sydney youth orchestra concerto competition	2006

REFERENCES

Associate Professor Jan Zika

Ph: 0490 759 104, email: j.zika@unsw.edu.au

Associate Lecturer Simon Lloyd

Ph: 0438 407 622, email: s.lloyd@unsw.edu.au

Dr Geoff Stanley

email: gstanley@uvic.ca