



7 January 2019, Taupo, New Zealand

To Whom It May Concern,

I would hereby like to nominate Assoc. Prof. Jan Lindsay of the University of Auckland, New Zealand, for the position of Vice President in the IAVCEI Executive Committee for the next committee term from July 2019 to July 2023.

Jan is a long standing active member of IAVCEI and she currently serves on the IAVCEI Executive Committee as general member. She is a former co-leader of the Commission on Volcanic Hazard and Risk and currently co-leads the IAVCEI working group on volcanic hazard mapping. This provided Jan with a wide breadth of experience within the IAVCEI, making her a very strong candidate for the position of Vice President.

During her current tenure on the Executive Committee, she has been involved in initiating several initiatives, including the development of an equity working group with the aim of opening IAVCEI to a more diverse range of volcano scientists and practitioners. Given this is a long-term ambition, she is keen to continue on the committee to promote efforts in this regard and spearhead related efforts as Vice President. She has a lot of experience in management of large research projects and is an active member of the volcanological community both in New Zealand and overseas. Because of her experience, activity and leadership both within and outside the IAVCEI I can only highly recommend Jan for the position of Vice President.

Kind regards,

Nico Fournier
Head of Department, Volcanology
GNS Science
Taupo, New Zealand

Jan Lindsay

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10 January 2019

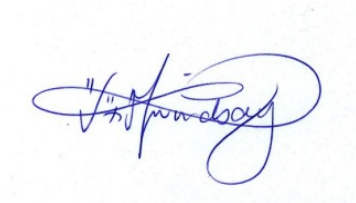
Letter of acceptance of nomination

Dear IAVCEI Election Committee,

I hereby accept the nomination to membership of the IAVCEI Executive Committee, and would be pleased to serve as Vice President should I be elected.

Please feel free to contact me if you need any further information

Yours sincerely



Associate Professor Jan Lindsay

Associate Professor Jan Lindsay is a volcanologist in the School of Environment at the University of Auckland, New Zealand. She has an MSc in Geology from the University of Auckland, and a PhD in Geosciences from the University of Giessen in Germany. She has held positions at GNS Science in Taupo, New Zealand; the GeoResearch Centre (GFZ) in Potsdam, Germany; and the University of the West Indies in Trinidad. She is a current member of the Executive Committee of IAVCEI and is co-leader of the IAVCEI working Group on Volcanic Hazard Mapping. In 2014-2017, she co-led the IAVCEI Commission on Volcanic Hazard and Risk. Jan is the Editor-in-Chief of the Journal of Applied Volcanology, and is a Past President of the Geoscience Society of New Zealand.

Jan's research focuses on making society more resilient to volcanic hazards through improving understanding of magmatic and volcanic processes, and developing and testing techniques for better communication between scientists and stakeholders to ensure efficient uptake of hazard and risk research. She has worked on projects in the broad area of volcanic geology, hazard and risk in New Zealand, Chile, the Lesser Antilles and Saudi Arabia. She co-leads the multi-agency, transdisciplinary research programme DEVORA (Determining Volcanic Risk in Auckland), which focuses on the monogenetic Auckland Volcanic Field. She has a strong research interest in what makes an effective hazard map, and also whether short-term probabilistic volcanic hazard assessment can be harnessed to help decision-makers in a volcanic crisis.



Curriculum Vitae

Associate Professor Jan Lindsay

Associate Professor: School of Environment, The University of Auckland, Private Bag 92019, Auckland, New Zealand
<http://www.env.auckland.ac.nz/people/j-lindsay>; j.lindsay@auckland.ac.nz

Educational qualifications

1999 Justus-Liebig-Universität Gießen & GFZ-Potsdam, Germany: Ph.D., Geological Sciences
1995 University of Auckland, New Zealand: MSc, Geology
1993 University of Auckland, New Zealand: BSc, Geology

Employment history

2004 – present School of Environment (and precursors), University of Auckland, New Zealand
2000 – 2003 Research Fellow, Seismic Research Unit, University of the West Indies, Trinidad
1999 Post-doctoral Fellow, GeoForschungsZentrum (GFZ) Potsdam, Germany
1995-1996 Research Assistant, GNS Science, Wairakei Research Centre, Taupo, New Zealand

Research Summary Statement

My research focuses on making society more resilient to natural hazards through improving understanding of magmatic and volcanic processes, and developing and testing approaches to improve communication between scientists and stakeholders to ensure efficient uptake of hazard and risk research.

Key Roles, Responsibilities and Achievements

- Elected member of the IAVCEI Executive Committee (2015-2019)
- Co-leader of IAVCEI commission on Volcanic Hazard and Risk (2014 – 2018)
- Co-leader of the IAVCEI working group on volcanic hazard maps (2014 – present)
- Co-leader of the IAVCEI commission for the Mitigation of Volcanic Disasters (2002 – 2008)
- Editor-in-Chief, *Journal of Applied Volcanology* (2018 – present)
- Associate Editor, *Geosphere*, a Geological Society of America (GSA) journal (2014–2018)
- Associate Dean of Science (Research), The University of Auckland (2018 – present)
- Head, School of Environment, University of Auckland (acting: 2017)
- Chair of Research Committee, School of Environment, University of Auckland (2014 – 2017)
- Co-PI of the Determining Volcanic Risk in Auckland (DEVORA) project (2008 – present)
- PI of the Volcanic Risk in Saudi Arabia (VORISA) project (2011 – 2014)
- PI of the University of Auckland - EQC Building Capability in Hazards fund (2011 – present)
- President of the 1,000-member Geoscience Society of New Zealand (2010 – 2011)
- Vice-president of the 1,000-member Geoscience Society of New Zealand (2007 – 2009)
- Member of NZ Volcano Science Advisory Panel (or equivalent) (2008 – present)

Selection of Recent Research Publications

Lindsay, J. M., & Robertson, R. E. A. (2018). Integrating Volcanic Hazard Data in a Systematic Approach to Develop Volcanic Hazard Maps in the Lesser Antilles. *Frontiers in Earth Science*, 6. doi:[10.3389/feart.2018.00042](https://doi.org/10.3389/feart.2018.00042)

Thompson, M. A., Owen, S., Lindsay, J. M., Leonard, G. S., & Cronin, S. J. (2017). Scientist and stakeholder perspectives of transdisciplinary research: Early attitudes, expectations, and tensions. *Environmental Science and Policy*, 74, 30-39. doi:[10.1016/j.envsci.2017.04.006](https://doi.org/10.1016/j.envsci.2017.04.006)

Bezard, R., Turner, S., Davidson, J., Schmitt, A. K., & Lindsay, J. (2017). Origin and Evolution of Silicic Magmas in Oceanic Arcs; an in situ Study from St Lucia, Lesser Antilles. *Journal of Petrology*, 58(7), 1279-1318. doi:[10.1093/petrology/egx053](https://doi.org/10.1093/petrology/egx053)

Stirling, M., Bebbington, M., Brenna, M., Cronin, S., Christophersen, A., Deligne, N., . . . Wilson, T. (2017). Conceptual Development of a National Volcanic Hazard Model for New Zealand. *Frontiers in Earth Science*, 5. doi:[10.3389/feart.2017.00051](https://doi.org/10.3389/feart.2017.00051)

Blake, D. M., Deligne, N. I., Wilson, T. M., Lindsay, J. M., & Woods, R. (2017). Investigating the consequences of urban volcanism using a scenario approach II: Insights into transportation network damage and functionality. *J. Volc. Geoth. Res.* 340, 92-116.

Grocke, S. B., de Silva, S. L., Iriarte, R., Lindsay, J. M., & Cottrell, E. (2017). Catastrophic Caldera-Forming (CCF) monotonous silicic magma reservoirs: Geochemical and petrological constraints on heterogeneity, magma dynamics, and eruption dynamics of the 3.49Ma Tara supereruption, Guacha II Caldera, SW Bolivia. *Journal of Petrology*, 58(2), 227-259. doi:[10.1093/petrology/egx012](https://doi.org/10.1093/petrology/egx012)

Thompson, M. A., Lindsay, J. M., Wilson, T. M., Biass, S., & Sandri, L. (2017). Quantifying risk to agriculture from volcanic ashfall: A case study from the Bay of Plenty, New Zealand. *Natural Hazards*, 86(1), 31-56. doi:[10.1007/s11069-016-2672-7](https://doi.org/10.1007/s11069-016-2672-7)

Shane, P., Maas, R., & Lindsay, J. (2017). History of Red Crater volcano, Tongariro Volcanic Centre (New Zealand): Abrupt shift in magmatism following recharge and contrasting evolution between neighboring volcanoes. *J. Volc. Geoth. Res.* 340, 1-15.

Leonard, G. S., Calvert, A. T., Hopkins, J. L., Wilson, C. J. N., Smid, E. R., Lindsay, J. M., & Champion, D. E. (2017). High-precision 40 Ar/ 39 Ar dating of Quaternary basalts from Auckland Volcanic Field, New Zealand, with implications for eruption rates and paleomagnetic correlations. *Journal of Volcanology and Geothermal Research*, 343, 60-74. doi:[10.1016/j.jvolgeores.2017.05.033](https://doi.org/10.1016/j.jvolgeores.2017.05.033)



THE UNIVERSITY OF THE WEST INDIES
SEISMIC RESEARCH CENTRE
ST. AUGUSTINE, TRINIDAD AND TOBAGO, WEST INDIES

9th January 2019

Professor Setsuya Nakada
Chair
Election Committee IAVCEI Executive Committee (2019-2023 term)

Dear Prof Nakada:

I write to express my support for Dr. Jan Lindsay in her bid to become a Vice President of the IAVCEI 2019-2023 Executive Committee. Jan has had a distinguished career working in various parts of the world (e.g. South America, Caribbean, Africa, New Zealand), interacting with scientists, disaster managers and the public to help make communities more resilient to volcanic hazards. She is therefore well placed to grow IAVCEI in regions of the world where its influence is both needed and would be most effective. She has already brought her extensive administrative experience in academia and civil society to serve IAVCEI as Co-leader of various commissions and most recently as an elected member of the IAVCEI Executive Committee of 2015-2019.

Jan has a keen interest in promoting emerging initiatives such as the Developing Nations Network, the Early Career Researcher Network and generally building more diversity in IAVCEI. I am certain she will become a greater champion for these initiatives in her role as Vice President. I believe she has the ability and drive to successfully carry out the responsibilities of the Vice Presidency and to make a useful and lasting contribution to IAVCEI. I therefore have no hesitation in giving my enthusiastic support to her nomination as Vice President.

Yours faithfully,

Prof. Richard Robertson
Director, The UWI Seismic Research Centre

IAVCEI Life Member No. 630



LETTER OF SUPPORT

Santiago, January 15th 2019


PROF. SETSUYA NAKADA
CHAIR OF THE IAVCEI ELECTION COMMITTEE

It is my pleasure to submit the nomination of Dr. Jan Lindsay, from the School of Environment from the University of Auckland, for the IAVCEI executive committee. Dr. Lindsay is an internationally recognized volcanologist, with expertise in broad applications in geosciences and she has a long history of service to the volcanological community. I first became acquainted with Jan during the "State of the Hazard Map" workshop in 2014, in which she took a leading role. Those workshops have been organized in the frame of the "Cities on Volcanoes" conferences, which have been notable spaces for engaged discussion and communication between scientists and stakeholders from several institutions that deal with hazard and risk assessments around the world.

Dr. Lindsay embodies the highest personal and professional values of our profession, and is held in the highest esteem by her professional peers. She has had extensive international experience throughout her working career, and she has been a strong advocate for broadening participation in volcanology, particularly fostering emerging initiatives and working on topics relevant for institutions from developing countries, such as promoting opportunities to strengthen relationships between countries that share active volcanoes along the borderline.

I submit my highest recommendation for Dr. Jan Lindsay in support of her nomination as Vice President in the IAVCEI Executive Committee.

Respectfully submitted,


DR. ÁLVARO AMIGO
Chief of the National Network for Volcanic Surveillance
Geological and Mining Survey of Chile (SERNAGEOMIN)





Dr. Heather Wright

Volcano Disaster Assistance Program, Cascades Volcano Observatory
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January 14, 2018

Professor Setsuya Nakada
Chair of IAVCEI election committee

Dear Prof. Setsuya Nakada:

I write in enthusiastic support of Dr. Jan Lindsay's nomination for the position of Vice President of the IAVCEI Executive Committee. Dr. Lindsay is well suited for this position based on her wide-ranging scientific interests, her wealth of leadership experience, her extensive international collaborations with academic and volcano observatory colleagues, and her dedication and determination to push forward new initiatives to bring balance and equity to our IAVCEI organization.

I have worked with Jan through the IAVCEI Commission on Volcanic Hazard and Risk and the working group on volcanic hazard maps since 2016, when she co-organized a workshop for the development of next generation volcanic hazard assessments in SE Asia. A similar workshop for Latin American hazard map practitioners followed in 2018. Through these activities, I came to appreciate Jan's incredible ability to synthesize diverse information, to extract key lessons learned, to identify topics that require further research, and to engage with diverse groups even when she does not speak the language. Furthermore, she has been the driving force in pushing forward synthesis documents from these workshops and reference resources for the global community.

Jan has also demonstrated dedication to engaging the global community in other ways. She maintains an active and diverse research network, including supervision of graduate students from outside of New Zealand, completion of field studies around the world, collaboration on volcanic hazards assessments for stratovolcanoes and volcanic provinces, and editorship of international journals. She has helped garner interest in submissions to the Journal of Applied Volcanology and successfully added a new article submission type titled 'Hazard Maps'. Furthermore, she crosses the boundary between fundamental research and applied studies, especially those concerning hazards, risk, and communication with stakeholders. As such, she is ideally suited to provide a range of perspectives to the IAVCEI Executive Committee.

Finally, she has served on the IAVCEI Executive Committee for the past four years, allowing her to gain experience about the organization useful for future planning. Jan is an easy person to work with, seeking to find agreement from all participants without losing sight of the end goals. I wholeheartedly support her nomination and look forward to seeing what she will achieve in this position.

Sincerely,

Heather Wright
Research Geologist
Volcano Disaster Assistance Program, USGS