



## IAVCEI Commissions Annual Report for 2021-2022 and Plan for 2023

This document is intended to encourage Commission Leaders to reflect on their achievements over the past **two** years (since we didn't do a reporting round last year) and develop priorities and work plans for their Commissions for the coming year. It is not intended to be onerous to fill in! Please expand the boxes as needed. Please email your completed report to Jan Lindsay [j.lindsay@auckland.ac.nz](mailto:j.lindsay@auckland.ac.nz) by 15 December 2022.

### Commission information

<b>Commission Name</b>
IAVCEI Commission on Volcanic and Igneous Plumbing Systems (VIPS)
<b>Commission Leader(s)</b>
2023: Catherine Annen 2020-2022: Janine Kavanagh
<b>Names of any Deputy(s)/Advisory Group/Board/Exec members</b>
<p><u>2023 committee:</u>            President – Catherine Annen (Prague)            Equality, Diversity and Inclusion – Sam Poppe (Warsaw)            ECR Student Representative - Corin Jorgenson (Geneva)            Website, Social media and FocusOnVIPS blog Editor – Caitlin Chalk (Liverpool)            Website, Social media and FocusOnVIPS blog Editor – Kerys Meredew (Birmingham)            Website, Social media and FocusOnVIPS blog Editor – Jade Hrintchuk (Liverpool)            Website, Social media and FocusOnVIPS blog Editor – Michal Camejo-Harry (Oxford)            Website, Social media and FocusOnVIPS blog Editor – Euan Mutch (New York)            Ordinary Member (ex President) – Janine Kavanagh (Liverpool)            Ordinary Member (ex President) – Steffi Burchardt (Uppsala)</p> <p><u>2022 committee:</u>            President – Janine Kavanagh            Vice President and President-elect – Catherine Annen            Equality, Diversity and Inclusion – Catherine Annen (Prague)            Events Coordinator – Luca Caricchi (Geneva)            Events and Outreach Coordinator – Chiara Montagna (INGV)            ECR Student Representative - Corin Jorgenson (Geneva)            FocusOnVIPS blog Editor – Caitlin Chalk (Liverpool)</p>

Website, Social media and FocusOnVIPS blog Editor – Kerys Meredew (Birmingham)  
 Ordinary Member (ex President) – Steffi Burchardt (Uppsala)

2021 committee:

President – Janine Kavanagh  
 Vice President and President-elect – Catherine Annen (Prague)  
 Equality, Diversity and Inclusion – Catherine Annen (Prague)  
 Events Coordinator – Luca Caricchi (Geneva)  
 Events and Outreach Coordinator – Chiara Montagna (INGV)  
 ECR Student Representative - Corin Jorgenson (Geneva)  
 FocusOnVIPS blog Editor – Caitlin Chalk (Liverpool)  
 FocusOnVIPS blog Editor – Kerys Meredew (Birmingham)  
 FocusOnVIPS blog Editor – Paula Montoya (Universidad del Norte)  
 Website and Social Media - Gabriel Gonzalez (Universidad del Norte)  
 Website and Social Media - Chelsea Castellar (Universidad del Norte)  
 Website and Social Media - Andres Cardenas (Universidad del Norte)  
 Ordinary Member (ex President) – Steffi Burchardt (Uppsala)

**How many members does your Commission have?**

Mailing list has >230 subscribers

**Name and address of your webpage?**

<https://vipscommission.org/>

**Is your Commission still active? If the answer is “No”, please indicate whether you have plans to rekindle activities, or whether the Commission can be discontinued.**

*Note that commissions may be discontinued at the discretion of the EC if the Commission guidelines have not been followed for 2 years.*

Yes

## 2021-2022 Report on activities

This part of the report is based on the IAVCEI Commission Guidelines – please briefly comment on activities in each area.

### Summarise your key activities in 2021-2022, including any workshops, website development, meetings, newsletters, conference symposia, active social media pages...

#### 1) Committee

All committee members are elected by the members of the commission, the election occurs by a public vote if more than one applicant is received for each post advertised.

It was decided that the committee should have individuals who have a responsibility for particular roles. These roles include:

- Equality, Diversity and Inclusion
- Early Career Researcher
- Events
- Communications (Website, blog editors, and social media)

It was also decided that there should be a Vice-President of the commission, elected by the committee, and that this person should be an existing committee member and shadow the current President for one year before taking on the role.

#### 2) Constitution

The committee has drafted a constitution for the commission, setting out the status, name, aims, ethics, membership and committee structure.

The constitution was signed by the founding members of the commission and new committee members including Janine Kavanagh (current President), Catherine Annen (Vice President and President elect), Steffi Burchardt (past President) and Chiara Montagna - on 10<sup>th</sup> March 2022.

#### 3) Website

Launched January 2021 <https://vipscommission.org/>

The new website is a focal point for all the activities of the commission and sets out the vision and values of the commission. It explains some of the history of the commission, has an Equality, Diversity and Inclusion section which sets out our Code of Conduct for Meetings and Events, a guideline for Organizers and provides a compilation of EDI resources. We also have a Privacy Policy published. Building on the previous 'Focus on VIPS' blog site which was set up at the beginning of the commission. Content from this website transferred into the new site.

Includes a members signup form using MailChimp –subscribers receive an email when a new blog or event is posted on the website. So far the list has grown to >230 members and 65% of them often engage with and click on our emails.

The commission and the website were rebranded using a private company, funded by J. Kavanagh and UKRI. The commission requested funding from IAVCEI for this several times over several years, but were told funding was not available. The rebranding, design and website setup cost ~£3500. Going forwards, the running costs of the website are approximately £200 per year and the plan is to cover this from committee member funds.

#### 4) Events

The commission leads regular and ad hoc events, such as conference sessions, guest talks and a virtual ECR Coffee Time held in GatherTown.

Key events since Jan 2021 have been:

- VIPS Virtual Seminar Series
  - “From volcanoes to Green Mining: the implications of transcrustal magmatic systems” - Professor Jon Blundy, University of Oxford
  - “What pathways for ascending magma? Implications for geophysics and petrology” - Prof. Eleonora Rivalta, GFZ Potsdam and University of Bologna
  - “How can we reconcile models with geology? Deformation modes induced by magma intrusion in planetary crust” – Dr. Sam Poppe, Polish Academy of Sciences
  - Two of these seminars are available to watch on our new YouTube channel
- Conference sessions
  - EGU 2021
  - AGU 2021
  - EGU 2022
  - AGU 2022
  - IAVCEI 2023
  - IUGG 2023
  - The mailing list has been used to advertise convenor positions to the members and to advertise abstract submission deadlines
  - Our sessions regularly attract >30 abstracts
- ECR Coffee Time
  - In January 2022 we launched a brand new series of monthly virtual ECR coffee times for the ECRs and students within the VIPS community, and have opened this up more broadly to VIPS members. This is a time for those within the VIPS community to get to know each other chatting over a coffee (or other beverage) in the virtual world of [Gather Town!](#)

#### 5) Blog

The blog team aim to post a new blog once or twice per month. Since April 2021 the following blog types were released:

- Meet the team
- Interviews
- Current activity
- ECR Stories
- VIPS Events
- VIPS Diaries
- News items

<https://vipscommission.org/blog/>

#### 6) Outreach and social media

The VIPS Instagram account reaches 150-200 accounts, and the Twitter account has had 4800 impressions every 3 months or so.

The VIPS Discord channel has also been used for Introductions to the members and also to chair some questions during conference sessions and seminars.

YouTube channel

- The YouTube channel was set up in summer 2021 and hosts two talks from our virtual seminar series. These videos have had nearly 600 views collectively and the channel has >30 subscribers.

<https://www.youtube.com/channel/UCkpYGN1JDEg7jGojvfssweQ>

Outreach

- eVolcano educational videos for undergraduate students
- We proposed 2 videos – one on magma reservoirs (Madeline Humphreys, Durham – out for review) and one on dykes (Meredith Townsend, in preparation)

7) Publications

Several members of the commission have been involved in leading a research article on EDI in volcanology, which is now published in the Bulletin of Volcanology:

- Kavanagh, J.L., Annen, C.J., Burchardt, S. *et al.* Volcanologists—who are we and where are we going?. *Bull Volcanol* **84**, 53 (2022). <https://doi.org/10.1007/s00445-022-01547-7>
- This work was presented in January at vMSG 2022, for the Tektonika Diamond Open Access Journal in July and there will be a poster presented on the article at the IAVCEI conference in January 2023.

Steffi Burchardt has led a review article with other commission members on VIPS for the retrospective and prospective Special Issue of the Bulletin of Volcanology – “Looking Backwards and Forwards in Volcanology”. This is now published:

- Burchardt, S., Annen, C.J., Kavanagh, J.L. *et al.* Developments in the study of volcanic and igneous plumbing systems: outstanding problems and new opportunities. *Bull Volcanol* **84**, 59 (2022). <https://doi.org/10.1007/s00445-022-01564-6>

**Describe how you are incorporating Early Career Researchers in your leadership team and Commission activities.**

We have an ECR Representative position on the VIPS committee – they have run ECR activities, have contributed to Equality, Diversity and Inclusion matters in the committee and are part of our Communications team.

The constitution for our commission states that at least 30% of the committee is composed of Early Career Researchers (postgraduate student or postdoctoral researcher).

All five of our blog editors, website team and social media managers are ECR’s.

The EDI representative for 2023 onwards is an early career researcher.

**When was your last election for Commission leadership, and who was elected? When do you plan to next hold elections? Note that leader(s) and any board of officers should be elected every 4 years (or every 2 years if desired).**

Members are elected to the committee once per year (last election Oct 2022), and committee leadership is decided amongst the elected committee. One year prior to the end of the Presidency, the President-elect is decided.

Committee leadership since the commission was established:

- Founders (2016): Steffi Burchardt, Janine Kavanagh, Catherine Annen, Sandy Cruden, Thierry Menand
- 2016-2020 President – Steffi Burchardt
- 2020-2022 President – Janine Kavanagh
- 2023-2025 President – Catherine Annen

**Does your Commission have any active working groups? If so, please briefly describe their activities in 2021-2022.**

N/A

**Comment on any issues/challenges**

We are struggling to recruit senior members to our committee. A new President-elect (as yet undecided) will need to be in place for 2024.

## Commission Plan 2023

Please briefly comment on the objectives and plans for your Commission.

<p><b>What are your key long-term objectives (next 3 years)?</b></p> <p>Grow the commission membership          Continue representation at IAVCEI, IUGG and EGU/AGU          Develop a field and lab based excursion programme, alternating every 2 years and focused on PhD student training          Propose a new special issue for a journal focused on VIPS          Create an EDI guideline document for conducting field trips</p>
<p><b>What are your specific initiatives for the coming year (2023)?</b></p> <p>Conference sessions:           <ul style="list-style-type: none"> <li>• IAVCEI 2023</li> <li>• IUGG 2023</li> </ul>           VIPS field trip (to be confirmed, potential site include France, Iceland or South Africa) – requiring fieldtrip code of conduct to be written            Focus On VIPS Blog            Virtual coffee</p>
<p><b>Synergistic activities - do you have any activities planned that would be of interest to other Commissions?</b></p> <p>Our commission is very multidisciplinary and so many of our events and activities cross over into themes which may be of interest to other commissions.</p>
<p><b>What support (if any) would you like from IAVCEI Exec?</b></p> <p>An annual stipend to use to support commission activities.</p>

## IAVCEI Scientific Assembly January 2023

**Who will be representing your Commission at the Commission Leaders meeting with the IAVCEI Exec on Tuesday 31 January at 6.30 pm?**

Dr. Catherine Annen and Dr. Janine Kavanagh

**What topics would you like discussed at the Commission Leaders meeting?**

How commissions can access small amounts of funding from IAVCEI to support commission activities or initiatives