



American Geophysical Union
Volcanology, Geochemistry, and Petrology Section
Newsletter March 2017

Dear Colleagues,

Here is the March issue of the AGU Volcanology, Geochemistry and Petrology Section newsletter. Please visit the VGP website (<http://www.agu.org/sections/VGP/>) for additional news and information. Comments and suggestions may be sent [Joanna S Denton](mailto:Joanna.S.Denton@lanl.gov) to (jdenton@lanl.gov).

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(1) MESSAGE FROM THE PRESIDENT

First off, a big Thank You to Catherine Chauvel who has just finished her two years as our president of VGP. She was amazingly productive, efficient and invested in promoting science and VGP issues specifically for AGU, AGU Council, and as a member of the Council Leadership Team. She dealt with lots of issues and spoke with a clear voice about what AGU's role is in science and society and she brought a well-reasoned international perspective to Council. Thank you also to all of the outgoing chairs and members of the many VGP committees. You have served well and for long hours. I very much appreciate these efforts.

Second, I welcome and congratulate Michael Manga, our president-elect, Marie Edmonds, the incoming VP (Volcanology and Petrology) Secretary, and Anat Shahar the incoming G (Geochemistry) Secretary. Welcome aboard and thank you for serving. There is much to do. The VGP website is now updated with the committee members. Thank you to all of you for agreeing to serve and being part of the VGP leadership. I appreciate your future efforts on the various committees.

AGU recognizes and promotes the achievements of its members. In that regard, AGU has upcoming nomination deadlines for all awards. Nominate your peers and mentors and let the important people in your life know you respect and recognize their hard work. Do it today!

Please submit [nominations](#) for the **Daly Lecture**, which honors the life and work of Reginald Daly and is presented annually during the AGU Fall Meeting. Nomination

deadline is April 15 and are submitted electronically here: <http://honors.agu.org/sfg-award-lecture/reginald-daly-lecture/> . Two other upcoming deadlines include the submission of Virtual Poster Showcase abstracts (March 13th) and Session Proposals for the 2017 Fall Meeting (April 19th).

I encourage all to consider how improve the VGP web site so that it better serves the needs of its members and it does a better job speaking to the public. VGP's webmaster, Janine Krippner is ready to help. Please send ideas and suggestions to Michael Manga or me.

Science Matters: Times are a changing in Europe, the US and elsewhere and we need to adapt. There is an ever-compelling need for scientists globally to speak to the public about the exciting fundamental and applied science that we do every day. We must inform everyone (parents, children, friends and community) – what we do, why we do it, why it is important, and how we contribute to society. I am pleased that AGU has officially announced its endorsement of the **March for Science** (announcement 24 Feb 2017). It is important to tell our story, to show that we all still have an inner child's curiosity for nature and how things work; we need to reignite that curiosity in others, while also highlighting our role and importance in society.

Bill McDonough
VGP President

(2) AGU AWARD DEADLINES AND PROCEDURES FOR 2017

Nominate a VGP member for an AGU award/medal or a VGP Award.
Deadlines are:

15 March Union Awards (Macelwane, Fellows, Awards, Medals & Prizes)

15 April Section and Focus Group Awards (including the Bowen and Kuno Awards)

Go to <http://honors.agu.org/> for more information and to make a nomination, and information specific to VGP is available [here on the AGU website](#).

(3) CALL FOR SESSION PROPOSALS FOR 2017 AGU FALL MEETING

It is time to submit proposals for VGP sessions at the 2017 AGU Fall Meeting:
<http://fallmeeting.agu.org/2017/session-proposals/>

Propose a session! -- Lead the science –perfect opportunity for post-docs and new faculty members to enhance their visibility and shape the future of science

We need submissions that cover a broad range of topics that seek to create full day sessions. Generally, the broader the reach the more abstracts you attract! Past AGU – VGP session are your guide.

Linking VGP sessions to other sections or focus groups are good ideas. Conveners can request co-sponsorship by EGU, JpGU, and MSA, but the final session selection is handled by the VGP meeting committee later in the year after the initial round of

sessions are announced and then again later after the abstracts are in.

This year, the session proposal deadline is **Wednesday, 19 April 2017**. All proposals, including Town Halls, must be submitted via the online submission [website](#).

Questions or ideas? Contact VGP Secretaries Anat Shahar (G) (ashahar@ciw.edu) or Marie Edmonds (VP) (marie.edmonds@esc.cam.ac.uk) for details.

(4) OUTSTANDING STUDENT PRESENTATION AWARDS 2016

Please join us in congratulating all of the VGP winners of the 2016 Outstanding Student Presentation Awards (<https://membership.agu.org/ospa-winners/>).

Chelsea Allison	(Arizona State University)
Clare Donaldson	(University of Cambridge)
Elisabeth Gallant	(University of South Florida)
Erin Fitch	(University of Hawaii at Manoa)
Joey Nelson	(Stanford University)
Josefine Agnes Maria Nanne	(Durham University)
Karalee Brugman	(Arizona State University)
Melissa Drignon	(Oregon State University)
Robert Bogue	(Occidental College)

Overall, 150 presentations were judged at the fall meeting in VGP. Each presentation received feedback from multiple judges, with 78% of presentations having three judges, and 96% having two or more judges. The OSPA committee would like to thank the numerous judges and section coordinators for constructive feedback given to all of the participants. If you have a student that is planning on attending the 2017 fall meeting, please ask them to sign up for the OSPA program when submitting their abstract in late summer. Finally, I would like to thank the members of the 2016 VGP OSPA committee (Maryjo Brounce, Brian Jicha, Nick Dygert, Eric Brown, Sarah Jo Brownlee, Wendy Nelson, Noah McLean, Asmaa Boujibar) who each judged ~15 presentations during the week of AGU to ensure consistency in judging. This, when combined with the preparatory tasks, and deciding the winning entries after the meeting, is a significant amount of volunteer work.

Tyrone Rooney
Chair, VGP Outstanding Student Paper Award Committee

(5) EGU 2017 AND KUNO AWARD LECTURE

The European Geosciences Union (EGU) General Assembly is on 23-28 April 2017 in Vienna, Austria, and VGP is again co-sponsoring three sessions with the Geochemistry, Mineralogy, Petrology and Volcanology (GMPV) Division.

The **VGP Kuno Award Lecture** will be given by **Esteban Gazel** in a special slot during the session on Storage, activation and transport processes in magmatic systems. We hope to see you there!

Sessions co-sponsored by VGP:

Multi-scale analysis of geological materials: Minerals, Fluids, Cracks, Pores & Permeability (Sponsored by AGU-VGP) (co-organized)

Convener: Jackie E. Kendrick, Co-Conveners: Lin Ma, Anne-Laure Fauchille, Kevin Taylor, Michael Heap, Kelly Russell, Caroline Martel, Peter Lee

Storage, activation and transport processes in magmatic systems - Sponsored by AGU-VGP (with VGP Kuno lecture) (co-organized)

Convener: H el ene Balcone-Boissard, Co-Conveners: Chiara P Montagna, J.D. Clemens, Mike Cassidy, Danilo Di Genova, Marian Holness, Jannick Ingrin

Magma ascent, degassing and eruptive dynamics: linking experiments, models and observations (sponsored by European Association of Geochemistry, AGU-VGP and VERTIGO) (co-organized)

Convener: Mattia de' Michieli Vitturi, Co-Conveners: Mike Burton, Andrea Di Muro, Pierre-Yves Tournigand, Stefano Alois

(6) AGU CHAPMAN CONFERENCE ON SUBMARINE VOLCANISM: NEW APPROACHES AND RESEARCH FRONTIERS

This conference was held in Hobart, Tasmania, Australia, during Jan 29 - February 3rd, 2017. 106 delegates from 13 countries attended the meeting and 25% of these were students or post-docs. The last Chapman meeting held with relevance to submarine volcanism was focused on the products of explosive eruptions and was held in January 2002.

The purpose of this meeting was to bring together scientists who study terrestrial ancient marine volcanic deposits, modern-day submarine volcanic systems, and who use numerical and experimental approaches to enable cross-fertilization of recent results and ideas. The major goal was to outline important future directions for the next decade of submarine volcano research and exploration with the full range of existing and nascent technology to make them possible, and generate a set of recommendations that will steer the next decade of research.

The overarching objective of our community is to fuel, motivate, and enhance future exploration and discovery to significantly further our understanding of submarine volcanism. Quantum leaps in our understanding of submarine volcanic processes have followed the detection and response to significant modern volcanic events. Thus, to achieve this objective, a priority enabler is the international coordination of monitoring and response to future submarine eruptions in order to facilitate exploration and discovery.

One clear consensus at the meeting was that to take full advantage of our discoveries and to help ensure future support for our research, we all have an important role to play locally and globally to communicate our findings and the excitement of volcano science to both scientific and public audiences.

From Rebecca Carey (University of Tasmania) and Bill Chadwick (Oregon State University/NOAA)

(7) IN THE COMPANY OF VOLCANOES

In response to reading about how girls from the age of six and up tend to think they are not as smart as boys I put together a blog post as a message of inspiration for them. It is full of women in volcanology saying what we do, why our jobs are so fantastic, and messages of inspiration for girls (and boys). I have got a lot of feedback from women and men saying it has inspired them too. I am still including more women and this positive message of empowerment, and encouragement to consider a career in the geosciences, continues to spread around the world. Please contact me if you are a woman in volcanology and have an empowering message to add or if you want more information.

Here is the link: <http://inthecompanyofvolcanoes.blogspot.com/2017/02/its-all-for-you-girl-message-to-girls.html>

[In the Company of Volcanoes: It's all for you, girl! A ...](#)

inthecompanyofvolcanoes.blogspot.com

[It's all for you, girl! A message to girls everywhere from the women in volcanology](#)

Janine Krippner, VGP Webmaster