

May 2005
VGP Section Newsletter #20

Dear Colleagues,

Here is the May issue of the AGU VGP Newsletter. Current and past issues are archived at <http://vgp.agu.org>. Please submit feedback or suggestions for future news items to Sarah Fagents at fagents@hawaii.edu.

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(1) MESSAGE FROM VGP PRESIDENT

* **AGU Honors and Recognition in 2006** -- Nominations for the 2006 Fellowship and medals and awards will be due October 1 (Fellows) and 15 (the rest), 2005. The VGP Fellows, Macelwane, and Union Awards Committees (<http://vgp.agu.org/committee.html>) will be soliciting nominations in the coming months. Contributed nominations also are encouraged. Now is the time to get started. You may be surprised at how many honors could be awarded to VGP members (<http://www.agu.org/inside/insidaguhn.html>). I urge potential nominators to get advice from members or chairs of VGP committees whose charge is to ensure that the section is well represented at AGU awards ceremonies. VGP committee chairs are Alex Halliday (Fellows; alexh@earth.ox.ac.uk), John Eiler (Macelwane Medal; eiler@gps.caltech.edu), and Sidney Hemming (Union Medals; sidney@ldeo.columbia.edu).

* **Thanks** -- I want to take this opportunity to thank Tom Sisson for helping to organize VGP sessions at the last two Fall Meetings. The size of the Fall Meeting has necessitated having help for our Secretary with this important task that involves encouraging people to submit proposals for special sessions, as well as trips to AGU Headquarters in to organize presentation titles in order to create the Fall Meeting program. Tom sorted through countless abstracts, started many session conveners on their way to being on the program in in 2003 or 2004, and provided continuity between Secretaries Marc Hirschmann and James Brenan. VGP owes Tom a hearty Thank You for behind-the-scenes work that is crucial to our participation and visibility at the Fall Meeting. Jonathan Castro (Smithsonian Institution) has generously agreed to take over from Tom and help James Brenan organize VGP for the 2005 Fall Meeting.

Charlie Bacon
VGP President

(2) JOINT ASSEMBLY, 23-27 MAY, 2005

VGP will have two special events at the Joint Assembly. The first is the Daly Lecture, this year to be given by *Calvin Miller*: "Transport, storage, deposition, and remobilization of felsic magmas and their products in the upper crust." Following the Daly Lecture on Tuesday, May 24, VGP, Planetary Sciences, Seismology, and Tectonophysics sections are jointly hosting a reception ("business meeting")

to celebrate 2005 Fellows and awardees. Traditional refreshments will be provided - snacks and free beer until we run out, followed by the usual cash bar.

Sessions at the Joint Assembly of interest to VGP members include the following - scheduling details for these sessions are available on the meeting web site www.agu.org/meetings/sm05/ :

VGP sessions

V01: Volcanology and Geochemistry General Contributions

V03: The Growth And Evolution Of Large Silicic Magma Bodies

V04: Connecting Slabs to Volcanic Arcs and the Mantle: Recent Advances in the Petrology and Geochemistry Of Subduction-Related Rocks.

V05: Physical and Chemical Properties of the Lower(most) Mantle

V06: Interpreting Volcaniclastic Sediments

V07: Morphology, Mixing, and Melting of the Sub-Hotspot Mantle--from the Asthenosphere to D"

V08: Volcano Hydrology

V09: Mantle Heterogeneities: Geochemistry, Dynamics, and Length Scales

V10: Mechanisms of Activity, Unrest and Hazard Evaluation at Large Collapse Calderas

Sessions cosponsored by VGP

G06: Wireless Sensor Networks for Earth Process Characterization and Natural Hazard Mitigation

G07: Surface Deformation on Active and Quiescent Stratovolcanoes: Cyclic Deformation, Pre- and Post-Eruption Signals, and Relationship to Magmatic Processes

MR01 Mineral and Rock Physics General Contributions

NS05: Near Surface Geophysics Applied to Geologic Hazards

T03: The Ocean-Continent Transition at Rifted Continental Margins: What Is It, How Is It Formed And How Do We Locate It?

Union sessions of special interest to VGP members

U01: External Triggering of Natural Disasters

U06: A New Phase Change in the Earth's Deep Mantle: What Does this Mean for the Rest of Us?

(3) AGU FALL MEETING, DECEMBER 5-9, 2005

It's not too early to start thinking about possible special sessions for the Fall 2005 Meeting. In the next few months there will be a call for special session proposals, so keep an eye on the AGU website (www.agu.org).

James Brenan
VGP Secretary

(4) AGU CHAPMAN CONFERENCE ON VOLCANO-TECTONICS

From: *Alfredo Mahar Francisco A. Lagmay* <mlagmay@nigs.upd.edu.ph> International Geoscience Programme UNESCO-IUGS-IGCP n. 455

"Effects of basement, structures and stratigraphic heritages on volcano behaviour" 16-20
November 2005,

* **Deadline for abstracts:** 31 May 2005

: You are kindly invited to submit your work for oral or poster presentation.

* **Scientific Focus:** The basement can influence the evolution and behaviour of volcanoes due to several possible factors. These factors can be mainly linked to the geological, structural and geomorphological character of the basement and can control the formation of intrusive and effusive complexes, dry and eruptive fracture systems, calderas and sector collapses. Conversely, the volcanic edifice can modify the character of its substratum. The extent of this interplay between the volcano and the substratum is fundamental to our understanding of the evolution of volcanoes. It is necessary for the proper assessment of volcanic and related geologic hazards. This includes the understanding of the reciprocal influence between volcanoes and their basement, which may lead to tsunami-generating phenomena. With a wide variety of volcanoes found in different geodynamic settings, a multidisciplinary approach in the investigation of this topic is imperative. Research work in different volcanic regions and geodynamic settings should be correlated. This meeting will bring together researchers working with data collected in different regions using diverse approaches to improve our understanding about the interaction between volcanoes and their substratum.

Further information at:

<https://webmail.unimib.it/Redirect/www.agu.org/meetings/chapman.html>

<http://www.agu.org/meetings/chapman.html>

* **Conveners:**

A. Tibaldi, University of Milan-Bicocca, Dept. Geological Sciences and Geotechnologies,
A.M.F. Lagmay, National Institute of Geological Sciences, University of the , Diliman,
Vera Ponomareva, Institute of Volcanic Geology and Geochemistry,
(Tectonics and Geodynamics Group, National Institute of Geological Sciences, University
of the)

* **Field Workshop:**

A field workshop on Taal Caldera and the Macolod Corridor will take place after the congress.

* **Grants:** Funding may be available for some IGCP 455 participants by contacting the IGCP-455 Project Leader (A. Tibaldi). Submit your abstract before 31 May 2005 to: alessandro.tibaldi@unimib.it together with a detailed list of expected costs and eventual external funding. Normally, a maximum of US\$ 700 per person is available. Exceptional cases will be considered based also on fund availability.