



President’s Message

In this maiden issue of our GeoFalcon Newsletter, on behalf of AdUGAA Officers and Councilors, it is with great pleasure to welcome you all – co-alumni, associates and friends. We express our sincere gratitude to the multitude of dedicated fellows for their unwavering support and contribution – big or small – for the good cause of our Association.

Coming out after long years of hibernation and seclusion has surprisingly brought new life and energy to many of us when we formed our e-group in March 2007. Our Association was founded some 9 months thereafter. It has already yielded unprecedented success that we all can be proud of. It has allowed us to rediscover ourselves that this is where we truly belong, where we can express our visions and downright willingness to reach out and assist anyone (more often unsolicited), where we can recognize our co-alumni who made significant contributions to the society, where we can do mundane and yet important task by merely lending our ears. Indeed, this maiden issue of our Newsletter is one of the enduring testimonies of us coming together.

So far, we have benefitted from: being reconnected with our long-lost classmates, friends and colleagues; published articles/reference materials uploaded by John Carranza, Hector Galam, James Llorca, Manny Acenas, and Yuri Baja; and job vacancies posted in our e-group. It’s also reassuring to know that several of our co-alumni have pursued and earned graduate degrees or are now holding senior positions, both local and overseas. Meanwhile, a good number of our co-alumni are now residing abroad (US, Canada, Australia, etc.) or are working overseas in almost all parts of the world.

For that matter, let us give due recognition to our co-alumni who have earned graduate degrees: Jose Almasco (PhD, Japan), Ric Javelosa (PhD, The Netherlands), John Carranza (PhD, The Netherlands), Jose Ariel Malicse (PhD, USA), Ronaldo Pendon (PhD, Spain), Elsa Rejoso-Rohrlach (PhD, Japan), Romella Glorioso (PhD, Canada), Jayne Atienza (MSc, The Netherlands), Carlo Dayanghirang (MSc, Belgium), Susana Realica (MSc, Australia), Hector Galam (MSc, Australia), Louis Quezana (MSc, Philippines), and Francisco Jimenez, Jr. (MSc, Philippines), among others.

Similarly, let us give due recognition to our co-alumni holding high-level positions: Fred Antonio Tejada (VP Expl’n, Peru), Romella Glorioso (Director, Canada), Clarito Cadawan (President, Philippines), Edcel Abrasaldo (VP Expl’n, Philippines), Andres Torres (VP, Philippines), Pedro Rovillos, Jr. (Expl’n/Country Manager, Philippines), Leo Deiparine (Country Manager, Philippines), Homer Magdamit (AVP Expl’n, Philippines), Clarence De Baguilat (Regional Executive Director, Philippines), Danilo Fajardo (Director/Principal Geologist, Philippines), James Llorca (Director & Expl’n Manager, China), Hector Galam (Expl’n Manager, Australia), Alfonso Latorre (Expl’n Manager, China), Orlando Garcia (Expl’n Manager, Laos), Dr. John Carranza (Asst. Professor, The Netherlands), Henry Salvado (Chief Geologist, Guyana), Mauro Papiro (Expl’n Manager, Philippines), Gene Estuesta (Project Operations Manager, Philippines), Ana Marie Vallespin (Engineering Design Manager, Philippines), Roger Cadano (Technical Services

Manager, Philippines), Fay Apil (Chief Geologist, Philippines), Jessica Lucero (Chief Geologist, Philippines), Jocelyn Galapon (Dept Manager, Philippines), and Victor Rey Angeles (Chief Geologist, Philippines), to name a few.

Let’s salute these distinguished alumni for the pride and honor they’ve brought to our Alma Mater and for being our models with their success worthy of emulation. Why they are there is not by luck alone. They are there now because they dreamt to be there, they thought and felt they can be there, they were not afraid to be there, they took the challenge and weathered obstacles along the way to be there, they prepared well and worked hard to be there. More importantly, we Adamsonians earnestly believe that we can make a positive difference in the lives of others – not only to ourselves.

Acknowledgement is also due to the 2009 Interim Officers and Committee Chairpersons, for their dedication and contribution to the growth of our Association. The Interim Officers were Carlo Dayanghirang (Vice-Pres.), Ramon Diaz (Secretary), Gene Estuesta (Asst. Secretary) and Arnold Alvarez (Treasurer). The Interim Committee Chairpersons were James Llorca (Awards & Recognition – International), Carlito Ausa (Ways & Means), Carlo Dayanghirang (Venue & Physical Arrangement), Francisco Jimenez, Jr. (Technical Session), Gemselle Nagrama (COMELEC), and Roger Cadano (Program).

Let’s also congratulate the 2009 Most Outstanding Geology Alumni Awardees: Dr. John Carranza and Alfonso Latorre. John and Al are the first to be conferred of this prestigious award for their sterling contribution to the Alma Mater and the society. We are very proud of you guys – the awards you truly deserve.

For 2010-2011 programs and projects, although far from a complete list, we will continue reaching out to our other co-alumni – inviting them to join us. We will continue to expand windows of opportunities to our fellows by posting job vacancies, among many others, in our e-group. Our Lecture Series, which officially started last year, will be continued. Awards will be given

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The 1st meeting that led to the formation of the AdUGAA (7 January 2008). Seated (L-R): Beth Cruz, Chester Obispo, Leo Deiparine, Jun Rovillos, Carlo Dayanghirang, Gerry Muerong. Standing (L-R): Tony Olarte, Junie Jimenez, Jerome Corpus, Orly Garcia, Tony Cacadac.

not only to Most Outstanding Geology Alumni, but also new awards are being contemplated, such as Lifetime Achievement, Outstanding Young Geologist, and Special Merit.

As you may not be aware of, our Association is yet to be registered with the SEC, as that was stalled last year. However, all necessary documents are already in place. Both peso and dollar bank accounts will also be made. This year, we will start subscribing to at least one peer-reviewed journal (Society of Economic Geologists) with MGC students as beneficiaries. Plans to strengthen relationship and coordination among undergraduate students have been laid down, with the appointment of two student representatives – Mel Anthony Casulla and Godfrey Gemal.

Lastly, with the recent dissolution of the MGC Dept, the geology course program is now under the auspices of the Civil Engineering Dept. Apprehensions from the student representatives have surfaced that the MGC Office may one day be turned over to the CE Dept. A consensus has been reached to convert the Office into a multi-functional room –Mini-Library, Petro-Lab, AVR, and Student-Alumni Lounge. Thus, a position paper must be drafted soonest as a proactive measure.

 Jerome Corpus (President)



Notes from the Editor


Greetings to you all my fellow GeoFalcon! In January this year, Jerome, in his capacity as president of our Association, asked me to spearhead (i.e., appointed me as editor-in-chief of) our Newsletter, with him and James Llorca as members of its editorial board. The three of us have put together our ideas for the objectives, contents, format and other features of our newsletter. For naming our Newsletter, I thank those of you who nominated a name and who voted to select the name.

The aim of our Newsletter is to inform members about the operations of our Association and developments in the field of ge-

ology. It shall convey information about meetings of officers, elections, works of committees, awards, etc. It will provide special reports, technical articles on a wide range of applied/topical issues in geology, as well as notes and special notices of interest to members. This is a tentative list of what sorts of information can be included in the Newsletter. In time and with your support and enthusiasm to contribute, I hope, we can make our Newsletter as informative and interesting as it can be. For this year, we plan to send out the Newsletter twice. This frequency may change in the years to come, again depending on your support and enthusiasm to contribute.

For now, contributions to our Newsletter related to the above-mentioned contents are welcome. Contributions should be submitted in any digital format that allows me to copy-and-paste-and-edit the contents. Photos/figures (colour or black-and-white) should be submitted separately as high resolution (preferably at least 300 dpi) jpeg or tiff files. All contributions shall be reviewed by the editorial board and will be edited for clarity and brevity.

Please send your contributions to our Newsletter to my email address: johncarranza@yahoo.com.

 John Carranza (Editor-in-Chief, GeoFalcon Newsletter)



How GEOFALCON Came to be the Name of our Group

In one of the e-mail correspondences with our Newsletter's Editor-In-Chief (Dr. J. Carranza), this writer happens to ask, who first coined the term 'GeoFalcon' and used it in our e-group public forum. It did not take our EIC long to find out the answer, as he has this talent of sifting through piles or complex maze of information, that he still dreams of doing some "forensic geology" work. Well, the answer was yours truly. However, finding out the answer to this question has a price to pay; I was politely requested to write about it. See, sometimes it is best to keep quiet, but I am glad to oblige.

In our EIC's search, the first time 'GeoFalcon' appeared was in Message #726, dated 26 May 2008. While Message #726 is about sharing technical articles amongst members, in all honesty I am trying to recall what was the trigger to coin the word, but could not lucidly remember why. The reason must be the one found in Message #1058, dated 27 June 2008. However, Message #1058 is also a milestone where it spring-boarded the concept of our association's logo, and that's another story to tell (see next article).

I am taking a writer's liberty of building suspense as to the exact content of those messages by not revealing them in this article. What I am advocating is, that our AdUGAA members jump on the web, subscribe (if not already) and read the postings in our e-group (http://groups.yahoo.com/group/AdU_geos/).

Speaking of our e-group, here are some facts. It was first created by our incumbent President Jerome on 26 March 2007 and posting the "Welcome Message #1." As of this writing (14 May 2010), there are 2,316 messages received. The biggest month so far was January 2008 with 307 messages posted, while the busiest months are usually May and June of each year.

Ooops, my apologies, I've digressed from this article's theme.

Yes, it can be surmised that the term GeoFalcon started with Message #726 and the rest is history. It is but a simple, yet meaningful coinage with “Geo,” the prefix of our profession and “Falcon” our Alma Mater’s icon. We all should stand proud being a GeoFalcon, period.



James Llorca



The Seal of the AdUGAA

The seal symbolizes the principles upon which the AdUGAA stands: “*Integrity and Perseverance for God and Country*”. It also represents the moniker of the each of its member ‘GeoFalcon’.

It was designed by me on 27 June 2008 (see Message #1062 in our e-group) and was then adopted by our e-group (see Message #1504). The outline of the falcon refers to the AdU mascot and the members’ salute to their alma mater. The falcon faces east, where the Philippines is globally located, and connotes the members’ pride of their country of origin wherever they maybe. The outstretched wing connotes leadership as well as fellowship. The outlines of the mountains and forests represent, in general, the environment and the members’ working area. They are positioned in the falcon’s head to symbolize the members’ commitment to properly utilize and protect the environment. The swatches of blue, violet, brown and green represent, respectively, water, mineral, tectonics and geological hazards, which generally embrace the fields of interest and expertise of the members. They are placed below the falcon’s head close to denote application of knowledge and science, but they are placed close to the heart to signify love for the profession.



John Carranza (*Councilor*)



Minutes of the 1st AdUGAA General Membership Meeting

Date: 19 December 2009

Time: 11:00 AM – 3:00 PM

Venue: Hong Kong Chef Restaurant, Macapagal Ave., Pasay City

Attendees: Guillerma Jayne Atienza, Leo Deiparine, Carlito Ausa, Genaro Estuesta, Rogelio Cadano, Ferdinand Macul, Rolando Calomarde, Gemselle Nagrama, Tierry Jerome Corpus, Antonio Olarte, Vicente Cronologia, Pedro Rovillos, Jr., Carlo Dayanghirang, Benito Shea.

Interim President Jerome Corpus presided over the meeting, with a short program as follows:

- National Anthem – Guillerma Jayne Atienza
- Invocation – Genaro Estuesta (Interim Asst. Secretary)
- Welcome Address – Carlo Dayanghirang (Interim Vice-Pres.)
- Message – Tierry Jerome Corpus (Interim Pres.)
- Introduction of the Guest Speaker – Guillerma Jayne Atienza

- Message – Benito Shea (Press Relations Officer, AUAAl)
- Declaration of Council Winners – Gemselle Nagrama and Ferdinand Macul, COMELEC Chairperson and Member, respectively.

Highlights of the meeting:

- Jerome Corpus suggested/proposed:
 - To create/launch a Journal and a Newsletter for AdUGAA;
 - To come up with a name for the Journal and the Newsletter, by asking suggestions from its fellows via the e-group;
 - To appoint Dr. John Carranza as the Journal’s first Editor-in-Chief, and the other attendees unanimously agreed to it;
 - To update the profile of all AdU geology alumni, a task to be handled by the Committee on Membership; and
 - To continue the Lecture Series in the MGC Dept.
- Jerome Corpus explained the selection criteria for the 2009 Most Outstanding Geology Alumni Award (on behalf of the Awards and Recognition Committee Chairperson James Llorca).
- Jayne Atienza and Jun Rovillos read the profiles of the awardees Dr. John Carranza and Alfonso Latorre, respectively.
- Carlo Dayanghirang suggested that the President or Vice President of the AdUGAA should be Representatives in AUAAl meetings.
- Jayne Atienza suggested:
 - To provide financial support to AdU geology students, particularly during fieldworks by soliciting geological gears and equipment such as GPS units, compasses, handpicks, books, microscopes, etc.;
 - To conduct career talks to graduating high school students, for persuading them to pursue geology course at AdU;
 - To nominate an accomplished alumnus to the PRC Outstanding Geologist of the Year Award, for which the attendees unanimously selected Dr. John Carranza as AdUGAA’s candidate.
- Benito Shea then
 - Announced the schedule of the 76th Alumni Homecoming on 13 February 2010 at AdU compound with Bingo Social;
 - Informed the body regarding the BOD election of AdU Alumni Association for 2010-2011; and
 - Requested to nominate a representative from AdUGAA to attend regular BOD meetings of the AUAAl.
- Votes for officers of the AdUGAA were then canvassed, and then COMELEC Chair Gemselle Nagrama and Member Ferdinand Macul announced and declared the top nine (9) winners in the AdUGAA Council, namely:

1. Tierry Jerome Corpus	2. Carlo Dayanghirang
3. Carlito Ausa	4. Rogelio Cadano
5. Genaro Estuesta	6. John Carranza
7. Antonio Olarte	8. Richelle Awid-Pascual
9. Elias Nacario	
- Thereafter, the following AdUGAA Officers for 2010-2011 were elected from among the newly-elected Council Members:

President:	Tierry Jerome Corpus
Vice President:	Carlo Dayanghirang
Secretary:	Carlito Ausa
Asst. Secretary:	Rogelio Cadano
Treasurer:	Genaro Estuesta
Councilors:	John Carranza; Antonio Olarte; Richelle Awid-Pascual; Elias Nacario

With no other matters being discussed, the meeting was adjourned at 3:00 PM.




Carlito Ausa (*Secretary*),  Rogelio Cadano (*Asst. Secretary*)



Photo taken during the 1st General Membership Meeting held at the Hong Kong Chef Restaurant, Pasay City on 19 December 2009. Seated (L-R): Leo Deiparine, Gems Nagrama, Carlo Dayanghirang, Jerome Corpus, Lito Ausa, Roger Cadano. Standing (L-R): Tony Olarte, Ferdie Macul, Vince Cronologia, Benny Shea, Mau Papiro, Jayne Atienza, Roland Calomarde & Gene Estueta



1st Lecture of AdUGAA to MGC Students

The Mining, Geology and Ceramics (MGC) Engineering Dept of AdU and the AdUGAA initiated a Lecture Series through the efforts of Dr. Lizelle E. Villanueva, Director, Office for Institutional Advancement AdU and Mr. Jerome Corpus, President AdUGAA and the support of Engr. Orlando P. Lopez, Dean MGC Engineering Dept, and Marvin Bello, Alumni Relations Officer.

The Lecture Series is a continuous project of AdUGAA to share expertise gained by the alumni through years of experience and actual practice of the various aspects of geology and mining, both within the country and abroad, to the MGC students of AdU.

The 1st lecture – Applied Geohazard in Project Development – was given by me (see my bio-sketch in the Profiles of Elected Officers and Council Members in this Newsletter). The lecture was held last 04 December 2009 at the OZ Conference Room at the OZ Building. My lecture:

- Underscored geological hazard as an important aspect of geology, aside from exploration and mining that it is commonly associated with.
- Imparted the need to understand processes involved in various forms of geological hazards so as to understand how they can affect development projects.
- Provided an idea for formulating site specific measures for mitigating impact of identified hazards based on understanding of the processes and site conditions involved.

I highlighted different case studies, such as the use of minimum engineering counter-measures for pipelines crossing zones of active rock-fall and fault lines. I also showed an example of how a bridge was built across a segment of the Philippine Fault with no engineering intervention and this was accomplished by simply realigning the orientation of whole bridge structure relative to the fault. The case studies I presented were examples of “application of geological common sense” because certain geological hazard in any site cannot be avoided but cost-effective mitigation measures can be applied simply by understanding the operating geological process and dynamics in every site.



Carlo Dayanghirang (Vice-President)



1st Two Most Outstanding AdU Geology Alumni Awardees

The *Most Outstanding Geology Alumni Award (MOGA)* is the highest honour the AdUGAA bestows upon its members. Its purpose is to recognise geology graduates of AdU for exceptional professional, academic, research, publications, personal development and contributions to the community at the local, national or international levels since initial graduation. The Council is pleased to announce that the MOGA 2009 awardees are:



- Dr. Emmanuel John M. Carranza, for distinguished achievements in academe, research and publications.

Dr. Carranza graduated from Adamson University in 1983 with a BSc degree in Geology and obtained his MSc (*with Distinction*) in Mineral Exploration at the International Institute for Aerospace Survey & Earth Sciences (ITC) in 1994 in The Netherlands. In 2002, he completed his PhD in GIS- Based Mineral Potential Mapping at Delft University of Technology in The Netherlands.

Among his many achievements are at least 80 international publications in journals and conferences, and he has written a book entitled "*Geochemical Anomaly and Mineral Prospectively Mapping in GIS.*" He has supervised to completion 4 PhD graduates and more than 25 MSc graduates. He also has more than 13 years of field experience as geologist/geochemist. For details of John's profile, please see page 7 of this newsletter.

Dr. Carranza is currently serving as a councilor of the AdUGAA and the Editor-In-Chief of this GeoFalcon Newsletter. He is domiciled in The Netherlands.



- Mr. Alfonso Q. Latorre, for exploration geology in the discovery of Beyinhar deposit in Inner Mongolia, St. Patrick's Gold in WA, Australia and the Talawaan Gold Deposit in North Sulawesi, Indonesia.

Mr. Latorre graduated from Adamson University in 1979 with a BSc degree in Geology and then completed his MSc in Mining and Exploration at the James Cook University in Queensland, Australia.

Mr. Latorre has extensive exploration experience in search for precious metals in the Philippines, Indonesia, Australia and China. He is also considered a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves.'

Mr. Latorre is currently working in China and is domiciled in Australia.

The committee and the Council congratulate our MOGA 2009 awardees, who are of high calibre setting a standard of excellence and leading examples that are truly becoming of a GeoFalcon. The process of selection of MOGA award is through nominations from the general members (self-nominations accepted), collated and managed by the Awards and Recognition Committee, presented to general membership in our e-group for selection, and then conferred by the President/Council in office.

Nominations for the MOGA award for 2010 are now open. All members are encouraged to submit their nominations with the nominee's full name, contact details and a brief qualifying state-

ment of achievements. Submissions can be made electronically to the following e-mail address: Awards.AdUGAA@ymail.com, or through the Council Secretary.

The nominations are now open....



James Llorca (*Chairperson, Awards/Recognition Cmte.*)



Profiles of Elected Officers and Council Members

The following GeoFalcons were elected to the AdUGAA Council during the election last December 19, 2009.

President - TIERRY JEROME C. CORPUS



Jerome (AdU, BSc Geo 1980, BSc EM 1982) placed 7th in the August 1982 Geologist Licensure Exams and 6th in the February 1983 Mining Engineering Exams. In 1992, he took the Basic Management Program at the Asian Institute of Management. He pursued his MSc in Geology at the University of the Philippines in Diliman (UPD) in 2001. While doing so, he joined the faculty of the National Institute of Geological Sciences (NIGS), UPD.

His profession as exploration geologist started with Benguet Corp in 1983. He progressed from junior geologist to assistant geologist to project geologist, and from unit manager to section manager. In 1987, he was assigned in the Paracale Gold District, and was promoted to a senior position six months later, after successfully managing the Big Vein (Anita) gold project. From thereon, he directed several major gold and polymetallic projects in Zamboanga del Sur, Zamboanga del Norte, Benguet, Paracale and Davao del Norte, among many others.

In 1995, Jerome started his overseas stint with Ivanhoe Mines Ltd as project geologist. He was a member of the original core group that conducted mapping in the most remote areas in East Kalimantan, Indonesia, which led to a number of prospects being discovered. He was instrumental, together with a few others, in generating Can\$90M for the company by conducting presentations to prospective investors. As a result of the discovery of the Jelai-Mewet deposit, the management assigned him to South Korea in 1997. There, he was involved in the Haksan and Oh Bok mesothermal gold projects.

In 1998, he returned to Benguet Corp as district geologist and dept manager. He managed several gold-copper projects in Davao del Norte, Benguet and Bataan. He also carried out preliminary due diligence work in Benguet, Cagayan, Bataan and Zamboanga del Norte. In addition, he initiated in-house research on company's exploration projects that focused on defining tectonic and volcanic settings, mineralization and alteration styles and establishing geologic models.

He returned to UPD in 2001 to pursue MSc in Geology. While doing so, he worked as a research associate in 2001-2002 - consistently obtained outstanding performance ratings. In 2003-2004, he taught in the undergraduate course program of the NIGS. As a faculty, he consistently received high SET scores, and

in one term distinguished himself by obtaining the highest rating from 52 courses offered by the Institute. He received research grants from the Dept of Science and Technology (PCIERD) in 2002 and from the UPD's Office of the Vice Chancellor for Research and Development in 2004.

In 2004, he became chief exploration geologist of Lepanto Consolidated Mining Co. He later joined TVI Resources as project manager in 2005, in-charge of advanced exploration in Zamboanga del Sur. In 2006, Indophil Services Int'l Pty employed him as senior geologist, directing project generation and conducting preliminary due diligence works. In 2007, he was recognized as one of the co-discoverers of the Canatuan polymetallic deposit.

In 2007, he worked for Belitung Zinc Corp as senior geologist in Indonesia, drill-testing the Kelapa Kampit Pb-Zn-Ag skarn project. He worked with Anvil Mining Congo SARL (Africa) for awhile, before working for Khs Dragon Mining Co. Ltd from 2008 to the present as exploration superintendent.

In technical conferences and seminars, Jerome was presenter of several papers on heavy-metal contamination in small-scale mining areas in the Baguio District and about epithermal gold systems, was guest lecturer and resource speaker in geology, and was moderator in the regular session of the 2003 Geological Convention. In early 2009, he presented a paper on iron-copper mineralization in the Xiengkhouang Province held in Vientiane, Laos.

Jerome is member of the Society of Economic Geologists (SEG) since 2000 (USA-based). He is life member and was treasurer and director (1994 & 1995) of the Philippine Institute of Mining, Metallurgy and Geology (Baguio Chapter). He is member and was director (2003) of the Geological Society of the Philippines (GSP). He is co-founder of the AdUGAA. He is moderator-owner of AdU_geos e-group of AdUGAA. He is charter member of Benguet-Paracale Toastmasters Club in Camarines Norte. He is member of the Natural Stone Society of the Philippines. He is member of the Baguio Tennis Club. He was a volunteer in the national and local elections in Baguio City in 1998 and 2001.

In summary, Jerome has over 25 years of experience in mineral exploration and project management in the Philippines, Indonesia South Korea, DR Congo and presently in Laos. He has organized and directed major exploration projects both local and overseas, held positions of senior geologist, supervising geologist, chief exploration geologist, project manager, and exploration superintendent, from grassroots to advanced exploration for gold, base metals and iron.

Vice-President – CARLO D. DAYANGHIRANG



Carlo (AdU, BSc Geo 1976) has obtained MSc (*Magna cum Laude*) in Quaternary Geology (Vrije University of Brussels, Belgium, 1986). He is a PADI certified advanced open water diver.

From 1976 to 1988, Carlo worked as a geologist in the Mines and Geosciences Bureau (MGB) where he was involved in regional geological mapping activities. As early as 1982, he was considered as one of the pioneers in the study of Quaternary geology of the Philippines. He undertook initial studies in geological hazard and environmental geology as part of the CCOP-ESCAP program to strengthen the Quaternary geology capability of the MGB. He participated in various seminars and training activities of the CCOP in the Peoples Republic of China, The Netherlands and Belgium.

Since 1990, Carlo is a freelance consulting geologist and environmental specialist accredited as an Environmental Professional by the Environmental Management Bureau. As environmental consultant, he was engaged in environmental studies and compliance of various pioneering projects such as the Mt Apo Geothermal Power Plant, Shell Malampaya Gas Pipeline, Marcopper Tailings Spill, Landfills, Pasig River Dredging and Underwater Burial of Dredged Materials, etc. He also undertook reviews of environmental compliance for mining and reclamation projects.

As consultant geologist, Carlo was engaged in various civil works and land development projects such as, but not limited to, evaluation and assessment of abandoned tunnels and open pits for conversion to water reservoirs, geological and geohazard investigations and assessment for major infrastructures such as roads, bridges, dams and high rise buildings. He also undertook site-specific seismic hazard and liquefaction susceptibility assessments for high rise buildings and land development projects. He introduced the use of LUND Terrameter Imaging System as part of ground investigation for power plant, bridges, dams and land development projects.

Secretary – CARLITO A. AUSA



Lito (AdU, BSc Geo 1980) is member of the GSP and SEG. He was recipient of the Best Employee Award in MGB Region 11.

As a professional geologist, Lito has spent 13 years with MGB Region 10 and MGB Region 11. He was in the 2nd batch of MGB-UNDP project (advised by Dr. Andrew Mitchell and Dr. Omer Celenk) that undertook gold exploration in 1985-1987. He was involved in reconnaissance work in Tampakan, before it was acquired by Sagittarius Mines and apparently drilled by Western Mining Corporation in the 1990s, which led to the discovery of a world class porphyry Cu-Au deposit. He was involved in reconnaissance work in the MGB-UNDP gold project mapping in Surigao del Norte, which pinpointed the location of the Boyongan porphyry Cu-Au deposit that was discovered later by the Anglo-American Co. In 1994, he was appointed Community Environment and Natural Resources Officer in Kiamba in the newly created province of Saranggani.

From late 1994 to 1996, he worked with Chase Minerals Inc. After that, he moved to Indochina Goldfields Inc where he was involved with overseas work in Myanmar, Indonesia, South Korea and Mongolia. From 1996 to 2003, Lito evaluated a skarn Au-Cu deposit and a mesothermal Au-vein deposit in central Myanmar.

Lito is currently a senior exploration geologist of Ivanhoe Philippines Inc (a subsidiary of Ivanhoe Mines Inc of Canada).

Assistant Secretary – ROGELIO G. CADANO



Roger (AdU, BSc Geo 1981) is presently technical services manager in the Taganito Mining Corp, where he is responsible for constructing and operating high pressure acid leaching process. He facilitates government requirements, coordinates with consultants and assists the

Vice President in technical aspects.

Roger was first employed by Rio Tuba Mining Corp (Rio Tuba, Bararaza, Palawan). There, he started as geologist trainee 1981 and ended up as head of Exploration Section in 2006. He then

moved to Taganito Mining Corp to conduct exploration for laterites, which resulted in delineation of excellent quality and quantity of nickel reserves and in the development of a mine. During development of that mine, Roger continued to handle the Geology Dept to delineate further the extent of the deposit. As exploration progressed during the development of the mine, Roger became the environmental manager and head of Geology Dept. His task then was to restore damages to the environment caused by the mining operation. This was one of his most challenging responsibilities, according to Roger. He was then responsible for answering any mining issues raised by anti-mining groups or NGOs. He also then handled the Social Development Management of the Taganito Mining Corp.

Treasurer - GENARO P. ESTUESTA



Gene (AdU, BSc Geo 1979, MSc Mgt Eng 1989) has 30 years of experience in mineral exploration, geotechnical engineering, petroleum geology and project management.

He was first employed as junior geologist by the National Irrigation Administration, where he conducted and supervised geological mapping and dam site evaluation including drilling and other sub-surface exploration activities. In 1980, he became involved in mineral exploration when he joined R.C. Obial & Associates as exploration and research geologist.

In 1982, he joined the National Steel Corp (NSC), where he designed and supervised geologic exploration programs for local raw materials of the Integrated Steel Mill (ISM) project in Iligan City. He was actively involved in surface and subsurface exploration for iron ore, coal and limestone deposits and the geotechnical assessments for the proposed ISM location. In his later years at NSC up to 1997, he was involved in preparation of project feasibility studies, project management and evaluation.

Gene later became an independent consulting geologist for more than ten years working with several small to large scale exploration programs. In 2005, he became senior manager for projects of the Logistics/Marketing Philippines Inc, where he manages and coordinates project operations of the company. His involvement includes oil/gas and mining explorations, manufacturing, energy related ventures and other associated services. Among the major projects he was involved with are the Galoc Production Corp (development well drilling, Palawan), Gas2Grid Pty Ltd (exploration drilling and seismic survey, Cebu) and Palawan Sulu Sea Gas Inc. (seismic acquisition project, Palawan).

Councilor - ANTONIO C. OLARTE



Tony (AdU, BSc Geo 1980) has at least 25 years experience in planning, supervision and implementation of programmed exploration activities in various project areas in the Philippines, Mongolia and Indonesia. He assisted community relations officers in community project presentations to gain social acceptability of exploration projects. Furthermore, he has led various groups in undertaking gold and porphyry copper exploration, management and open pit porphyry copper geology/mining operations. Tony is currently senior geologist of Solfotara Mining Corp.

Councilor – ELIAS CORTEZ NACARIO



Eli (AdU, BSc Geo 1977) was MGB scholar and, for more than 32 years now since then, he is a licensed and practicing geologist in the field of mineral exploration (from grassroots to pre-feasibility study), geophysical and geotechnical surveys, mine geology, ore resource and reserve estimation, project generation, geo-engineering and management. He was assigned to and worked at senior and managerial positions in several private mining companies and in government institutions in Zambia, Mozambique, Indonesia, Guyana and the Philippines. Currently, Eli is engaged in exploration and geo-engineering consultancy.

Councilor – RICHELLE AWID-PASCUAL



Richelle (AdU, BSc Geo 2002) was considered by the Office of Student Affairs of AdU as one of the Most Outstanding Graduating Students for SY 2001-2002. She was a MGB undergraduate scholar for five school years. Through her hard work and God's grace, she graduated *cum Laude* and topped the Geologist Licensure Exams of 2002. For these achievements, she is overwhelmingly grateful to her mentors Ms Jayne, Ms Beth, Ms Marissa, Sir Leo, Sir Louie, Sir Benny and the entire AdU family.

After graduation, she was hired by MGB central office, but she was eventually transferred to MGB-Caraga Region. There, she assumed different functions and responsibilities. She undertook geohazard, solid waste and hydrogeological surveys, geological mapping and geological report writing. She also handled various GIS platforms and other geology-related software programs.

She is now project geologist in Sagittarius Mines Inc at General Santos. Her main responsibility is the full functionality of the portable infrared mineral analyzer (PIMA), which is used for clay identification through spectroscopy. Richelle is adept with different clay occurrences and characteristics, especially in high-sulphidation and porphyry environments. In addition, her work responsibilities encompass geological and geotechnical logging of cores from the main Tampakan deposit and its vicinity, emphasizing on hydrothermal alteration and copper mineralization as well as its geotechnical characteristics. Furthermore, she is exposed to the entire drilling operations and its logistics.

Councilor – EMMANUEL JOHN M. CARRANZA



John (AdU, BSc Geo 1983) was 8th placer in the 1983 Philippine Board Exams for Geology. Throughout his BSc studies, he was scholar of MGB. He has obtained MSc (*with Distinction*) in mineral exploration from ITC (The Netherlands, 1994) and PhD in GIS-based mineral prospectivity mapping from Delft University of Technology (The Netherlands, 2002). Throughout his MSc and PhD studies, he was scholar of the Netherlands Fellowships Programme.

John started his career in May 1983 in MGB Region 5, where he held positions from geologist to senior geologist to supervising geologist. There, he took part in various projects involving geological mapping, stratigraphic studies, geological hazard mapping, evaluation of industrial rocks/minerals, and geological-

geochemical exploration for gold. His work on exploration geochemistry led to recognition of previously unknown mineralized area in a Quaternary volcanic terrane in the Bicol region.

During his PhD studies, John received the 1998 ITC Research Award for his paper on catchment basin analysis of geochemical anomalies. In 2001-2003, he worked as a researcher in the Dept of Earth Systems Analysis of ITC, where he was involved with research in developing geospatial data infrastructure for mineral resource management.

Since 2003 up to the present, John is assistant professor for predictive modeling in geosciences at ITC. He teaches at graduate level, supervises MSc and PhD students and conducts researches in GIS-based quantitative mineral resource assessment, geological/mineral remote sensing, geocomputation and spatial modeling of mineral prospectivity and landslide hazards, geoenvironmental modeling of mineral deposits, exploration/environmental geochemistry. Since 2002, he has supervised and led to graduation 25 MSc students and 4 PhD students at ITC. He was external examiner of 4 PhD students, one in Asian Inst. of Tech. (Thailand), one in James Cook Univ. (Australia), one in Univ. of Oulu (Finland) and one in Univ. of Zimbabwe (Zimbabwe).

John is a Fellow (and councilor for 2009-2010) of the Association of Applied Geochemists. He is life member of the International Association of Mathematical Geosciences. He is member of the Geochemical Society, the International Association on the Genesis of Ore Deposits and the Society for Geology Applied to Mineral Deposits.

John is Associate Editor of the Journal of Geochemical Exploration. He is member of editorial boards of the following journals: Geochemistry: Exploration, Environment, Analysis; Asian Journal of Earth Sciences; Asian Journal of Applied Sciences; Journal of Applied Sciences' Journal of Environmental Science and Technology; Journal of Geology and Mining Research; and Research Journal of Environmental Sciences. Since 2008, he is regular reviewer of papers submitted for presentation in the annual International Geoscience and Remote Sensing Symposium. He is/was reviewer of papers submitted for publication in international peer-reviewed geoscience journals such as Australian Journal of Earth Sciences, Computers & Geosciences, Mathematical Geosciences, Natural Resources Research, Ore Geology Reviews, etc.

John has participated in at least 40 geoscience conferences in the Philippines and abroad. He has published at least 50 papers in international peer-reviewed geoscience journals and at least 25 papers in international geoscience conference proceedings. He is author of the book *Geochemical Anomaly and Mineral Prospectivity Mapping in GIS*.

John's professional mission in his current job with ITC is to develop and disseminate expertise/knowledge in spatial modeling of geo-resources (e.g., mineral deposits) and/or geoenvironmental hazards (e.g., landslides, lahars) through understanding of relevant earth systems/processes and application of geographic information system and remote sensing technology.



Funding Source for Students

In-kind Analytical Research Fund

Acme Laboratories (<http://acmelab.com/>) and ioGlobal (www.ioglobal.net/) are taking the innovative step of directly aiding students in the geosciences via the ioStipend. The ioStipend is a grant available to students conducting exploration-related geochemical studies at a recognised educational institution. The grant is in the form of analytical services using any package provided by Acme Analytical Laboratories Ltd. Students and/or their teachers/advisors can apply for the grant by submitting the application to ioGlobal who will vet the proposals.

For the application form and other resources, visit: www.ioglobal.net/Solutions/ioGeochemistry/ioStipend.aspx.

The grant is intended to promote the collection of high quality, base-line data for comparison with more "esoteric data" (e.g. isotopic data, partial digests, non-standard sample media) generated during the course of research, and to promote broad training in fundamental geochemical principals across the geosciences.

The ioStipend allows for amounts of approximately \$5,000 (AUD, CAD or equivalent) for in-kind analytical work. Successful applicants will also be provided with 3 academic licences of ioGas, the exploratory data analysis software package from ioGlobal.

It is envisaged that three or four of these awards will be made each year.

Eligibility Criteria

Preference will be given to:

- students with no other source of funding;
- students working on exploration geochemistry projects;
- projects with no or very minimal confidentiality requirements.

The ioStipend is international. Applications are welcome from qualified institutions globally. Applications are reviewed by an expert group of ioGlobal's geochemists. Some technical input may be provided by ioGlobal on request.

Other Requirements

There are minimal strings attached, however recipients agree to:

- Have their project promoted on the ioGlobal website in an area devoted to R&D carried out under the program (couple of passport photo shots, brief description);
- Acknowledge ACME Labs and ioGlobal for support in technical and public presentations of results;
- Write a short article for Explore describing the project outcomes, and allow this to be published on the ioGlobal website.





Bylaws of the Adamson University Geology Alumni Association, Inc.

ARTICLE I – Name

The name of this association shall be the “Adamson University Geology Alumni Association, Inc.” and it is hereinafter referred to either as the “Association” or “AdUGAA”.

ARTICLE II – Purposes

Section 1. Purposes: The purposes of the AdUGAA are to:

- (a) engage exclusively in scientific and educational activities including but not limited to promoting and fostering the exchange and dissemination of information and ideas related to geology, mining, mineral economics, environmental and other related sciences;
- (b) encourage research and promote professional and public education in the aforementioned sciences;
- (c) assist in the advancement of the Adamson University Geology Academic Program;
- (d) develop and strengthen social and professional ties among its members and promote their collective interests;
- (e) provide for scholarships, researches, lectures, seminars, colloquia, conferences and other projects in the name of the Association by raising funds for such purposes as may be deemed necessary or advisable by the Association;
- (f) take necessary and proper measures for the promotion of the interests of the Adamson University Geology faculty, students and alumni; and
- (g) exercise rights, powers and attributes under and by virtue of the laws of the Philippines.

Section 2. Powers: The Association shall possess and exercise powers in connection with its purposes. Notwithstanding any other provisions of its Bylaws or its Articles of Incorporation, the Association shall only exercise powers and shall only engage in or carry out activities that make it eligible for exemption from income tax under the laws of the Philippines.

Section 3. Prohibited Activities: No part of the net earnings of the Association shall be inured, or be distributable, to the benefit of its Officers, its members and other private persons. The Association shall be authorized and empowered, however, to pay reasonable compensation for services rendered by individuals or corporations regardless of their capacity in which such individuals or corporations rendered services to the Association and, therefore, the Association shall make payments and distributions in furtherance of the purposes set forth in Article II of these Bylaws. No substantial part of the activities of the Association shall be devoted to propaganda against any person, organization or institution.

Section 4 Gifts, Contributions, etc.: The Association may seek gifts, grants, contributions, donations and bequests for any of the purposes set forth in Article II of these Bylaws. All funds received by the Association shall be dedicated to and invested solely for those purposes. The Council may establish guidelines for the acceptance or refusal of gifts, contributions, grants, donations, or bequests and the disbursement of funds by the Association in such manner as may, in the judgment of the Council, be consis-

tent with the purposes of the Association.

Section 5 Non-discrimination: In the pursuit of its purposes and the exercise of its powers, the Association shall make its services and activities available to the community which it serves regardless of race, color, creed, gender and cultural or national origin.

ARTICLE III – Incorporation/Offices/Records

Section 1. The Association is incorporated as a non-profit organization for educational and scientific purposes under the laws of the Republic of the Philippines.

Section 2. Principal Office: The Association may have a principal office and other business offices as its Council may designate. The current principal office is located at the Mining, Geology and Ceramic Engineering Department, Ozanam Building, Adamson University Compound, 900 San Marcelino St., Ermita, Manila.

Section 3. Books and Records: The Council may keep its books and records in the principal office and other business offices as they may determine from time to time. The books and records shall be available at all reasonable times for the inspection by any member or Officer of the Association for any proper purpose except for securing information or copies thereof for economic gains or for using the same for a purpose other than in the interest of the applicant, as a member or Officer of the Association, relative to the affairs of the Association. Except as may be otherwise required by law, by the Articles of Organization, or by these Bylaws, the Association shall be entitled to treat the record address of a member or Officer of the Association as shown in its books as the address of such person for all purposes, including the giving of any notices, and it shall be the duty of each member or Officer to notify the Association of his or her latest post office address.

ARTICLE IV – Membership

Section 1. Membership in the Association is a privilege, not a right, and is dependent on the applicant’s adequate demonstration to be able to comply with the requirements for membership as defined in these Bylaws and otherwise by the Council.

Section 2. Classification of Membership: The members of the Association are classified as follows:

- (a) Fellows;
- (b) Members;
- (c) Honorary Members; and
- (d) Student Members.

The Association does not distinguish membership on the basis of religion, national origin, gender or disability.

Section 3. Fellows: Any individual who graduated from the Adamson University with a B.Sc. degree in Geology is eligible to be a Fellow of the Association. Fellows shall have all privileges of the Association including, but not limited to, the right to vote, serve in Committees, hold office and serve in the Council.

Section 4. Members: Any individual who graduated from Adamson University a B.Sc. degree in other disciplines and who has applied for membership because he/she is willing to support the ideals, purposes and/or activities of the Association is eligible to be a Member of the Association. Members shall have all privileges of the Association but they do not have the right to vote and they can not serve in Committees, hold office nor serve in the Council. A Member who has been in good standing for five (5)

consecutive years or have rendered exemplary services to the Association may, upon written sponsorship by two (2) Fellows of good standing and approval of the Council, be elevated to Fellow status.

Section 5. Honorary Members: Any individual regardless of Alma Matter or profession, who has exemplarily supported the ideals, activities, programs or projects of the Association, may, upon written sponsorship of two (2) Fellows of good standing and approval of the Council, be awarded Honorary Membership. Honorary Members shall have all privileges of Fellows except the right to vote, hold office or serve in the Council; although, at the discretion of the Council, they may serve in Committees.

Section 6. Student Members: Individuals who are students in Adamson University for B.Sc. degree in Geology, Mining Engineering or Ceramic Engineering are eligible to be Student Members in the Association. Student Members do not have the right to vote, they can not hold office nor serve in the Council, but they may assist in various programs, projects or activities of the Association. Upon graduation and upon the request of a Student Member, his/her membership status can be converted (a) to a Fellow if he/she holds a B.Sc. in Geology or (b) to a Member if he/she holds a B.Sc. in Mining or Ceramic Engineering, at the discretion of the .

Section 7. Admission to the Association: Applicants for any status of membership, except for Honorary membership, must submit an application to the Association. Membership applications shall be reviewed by the Membership Committee of the Association and applications found to be good order shall be recommended for approval by the Council. Applicants shall be notified of their application results and all existing members of any status shall be notified of newly-approved members. Any existing member may oppose in writing to the Membership Committee and Council the eligibility of any newly-approved member. If, after thirty (30) days of notice to all existing members about newly-approved members, there is no written opposition, then admission to the Association is complete. Any written opposition to a newly-approved member shall be reviewed carefully by the Membership Committee who shall recommend to the Council either to cancel or uphold membership. The Council approves or disapproves, by a majority vote, the recommendation of the Membership Committee.

Section 8. Emeritus Status of Membership: Any member of the Association may, upon attaining the age sixty-five (65), request in writing to the Membership Committee to convert his/her membership classification to Emeritus status. Emeritus status of membership shall be granted at the sole discretion and by majority vote of approval of the Council. Emeritus Fellows and Emeritus Members shall have all privileges of Fellows, except the right to vote, hold office and serve in the Council, but, at the discretion of the Council, they may serve in Committees.

Section 9. Suspension/Removal of Members: Members of any classification may be suspended or removed from the Association for actions in violation of these Bylaws, the Articles of Incorporation of the Association or any other governing documents of the Association, including any rules or policies promulgated by the Association, or for actions that are deleterious to the purposes of the Association, actions that will bring dishonor to the Association, the profession, its Officers or any of its members. Reasons for suspension or removal must be presented in writing to the Secretary and signed by at least two (2) members. The Council

shall study and investigate the nature of any such complaint, make a determination and report its findings in such manner as it deems appropriate under the circumstances. The member under complaint must be given an opportunity to be heard, either in writing or in person, before the Council as part of its investigation, and suspension or removal from the Association must be approved by vote of not less than two-third (2/3) of the Council. With respect to policies regarding the ethical conduct of its members, the Council may establish from time to time such rules or policies, including without limitation, procedures and policies for the discipline, suspension or removal of its members in breach of any such rules or policies, these Bylaws and the Articles of Incorporation of the Association.

Section 10. Resignation from Membership: Resignation from the Association shall be submitted in writing to the Secretary, who shall present the resignation to the Council at its next regularly-scheduled meeting.

Section 11. Voting Rights: Only Fellows in good standing shall be entitled to vote on all matters to be voted by the Association, including, without limitation, election of Officers as provided herein. Any matter to be decided by a vote of the Fellows shall, except as otherwise provided herein, be decided by majority vote of members present in person or by proxy at a meeting of the members.

Section 12. Termination of Membership: Membership of any classification shall cease in of the following cases:

- (a) Death;
- (b) Written notice of termination of his/her membership to the Council;
- (c) Failure to fulfill the requirements of membership as imposed in these Bylaws, the Articles of Incorporation of the Association or any other governing documents of the Association or otherwise by the , including failure to pay membership dues;
- (d) Failure to meet the eligibility requirements for such classification of membership as set forth in these Bylaws, the Articles of Incorporation or any other governing documents of the Association, or (e) suspension or removal by the Council as provided above.

Section 13. Transfer of Membership: Membership in the Association is not transferable or assignable by the member.

Section 14. Dues and Fees: Dues and fees shall be assessed on all applicable members on a calendar year basis in amounts set for each membership classification by the Council at its discretion.

- (a) Fellows and Members shall pay annual membership dues and registration fees to Annual Meetings of the Association.
- (b) Student Members shall pay reduced annual membership dues and reduced registration fees to Annual Meetings of the Association.
- (c) Emeritus members shall pay no annual membership dues but shall pay Fellow/Member registration fees to Annual Meetings of the Association.
- (d) Honorary Members shall pay no membership dues and no registration fees to Annual Meetings of the Association.

Any member who has paid the required annual membership dues shall be a member in good standing for such calendar year and they are entitled to all membership rights and benefits applicable to such membership classification. Any member in good standing, including Honorary Members, may choose to receive the Associa-

tion's journal only upon payment of subscription fees.

ARTICLE V – Council

Section 1. The Council: The Council is the administrative and policy-making body of the Association and shall manage the affairs of the Association and shall perform all such acts as are necessary to fulfill such functions or as are required or permitted by these Bylaws or the Articles of Incorporation. The Council shall determine questions of policy, receive reports of committees and approve or disapprove their recommendations. The Council is empowered to enter into contracts and to authorize expenditures necessary for the Association. The Council shall be responsible for the implementation of appropriate procedures for conducting, reviewing and accepting the annual audit of the Association. Ministerial and administrative functions of the Council may be delegated to a Business Manager as stipulated in Section 10 of Article V.

Section 2. Composition of the Council: The Council shall be composed of Officers consisting of a President, a Vice President, a Secretary, a Treasurer and five (5) Councilors. The Officers must be members in good standing and citizens of the Republic of the Philippines. The Council shall be responsible for all matters related to the proper operation of the Association. All Officers shall disclose any conflict of interest in accordance with such Code of Ethics or other procedures against conflict of interest as may be in effect from time to time.

Section 2. The President: The President shall be the chief executive officer of the Association and shall perform all duties incidental to that position. The President shall preside at all meetings of the Association and shall serve as ex-officio member of all committees. The President shall, subject to the approval of the Council, shall appoint members of the Association to fill-in interim vacancies in any committee of the Association and Editor-in-Chief of the Association's Journal. The President will be installed at the Annual Meeting of the Association coinciding with expiration of the term of an outgoing President.

Section 3. The Vice President: The Vice President shall perform the duties of the President in the absence or incapacity of the President, shall become President if the office of the President becomes vacant, and shall perform such other duties as may be assigned by the President or the Council. The Vice President shall also serve as ex-officio member of all committees.

Section 4. The Secretary: The Secretary shall be the keeper of books and records of the Association, shall be responsible for taking minutes at all Council meetings and shall have the power to delegate that function and shall conduct correspondences and perform all duties pertaining to the office of the Secretary. The Secretary shall, if the need arises and subject to the approval of the Council, be responsible for the preparation of necessary documents and instruments required by the Security and Exchange Commission, government and/or private entities.

Section 5. The Treasurer: The Treasurer shall be in direct charge of the funds of the Association and shall be responsible for the management of revenues and payment of obligations of the Association. The Treasurer shall make expenditures as are authorized by the Council. At the annual business meeting of the Council and the Association, the Treasurer shall present an oral and written report of the receipts and expenditures of the funds of the Association.

Section 6. Succession: Succession from Vice President to Presi-

dent shall be automatic and the succession shall occur at the close of each annual business meeting of the Association. In the event that the President dies, resigns or is removed from office, the Vice President shall hold office as President thereafter for the remainder of such term. In the event of the death, resignation or removal of the Vice President, the Secretary or the Treasurer, the Council shall appoint a member in good standing to fill-in such vacancy on an interim basis as soon as practicable. The person filling-in for such vacancy shall serve in such capacity until the next regularly-scheduled election of Officers, during which an election shall be held for any unexpired portion of the original term of such office.

Section 7. Term of Office: The duration of the term of each Officer is two (2) years, but the Vice President serving an unexpired term of the President on account of vacancy may serve a full term of two (2) years immediately thereafter. Any of the past Officers shall be eligible for re-election.

Section 8. Compensation: Officers shall serve without compensation. The Association shall, nevertheless, reimburse expenses incurred by Officers in attending meetings and conducting activities on behalf of the Association.

Section 9. Removal: Any Officer may be removed from office with cause by a majority vote of Fellows. The Council may, at its discretion, remove any Officer who fails to attend three (3) consecutive council meetings.

Section 10. Business Management: The President, with the approval of the Council, may engage an individual or a company as a Business Manager for the Association. The functions of the Business Manager will involve matters relating to administration, logistic, membership, fiscal and meetings as so required. The details of the functions of the Business Manager and the fees and expenses associated with its services shall be defined in a contract. The initial term of the contract shall be one (1) year, with provisions for renewal as may be mutually agreed upon. The contract shall also set forth the basis and process for discontinuation of services. The individual or the representative of the company acting as Business Manager may attend Council meetings and other meetings, with representation determined to be necessary and appropriate by the Council. The Business Manager does not have any voting power. The Business Manager will be bonded if so required by the Council.

ARTICLE VI – Council Meetings

Section 1. The Council shall meet annually at the time of the Annual General Meeting of the Association. Special council meetings may be called at any time by the President or any five (5) Officers and may take place by electronic means as provided in these Bylaws. A majority of the Officers shall constitute a quorum for the transaction of business. Official actions may be taken during regular and special council meetings.

Section 2. Notice of Council Meetings: Notice of any council meeting shall be made by the Secretary to every Officer not more than fifteen (15) days but not less than ten (10) days before the meeting by mailing or transmitting by facsimile or other electronic means. Such notice may be waived by any Officer. Unless required by these Bylaws or applicable law, neither the businesses to be transacted nor the purposes of any annual or special meeting of the Council need to be specified in the notice or waiver of notice of such meeting. At any council meeting attended by all of the Officers, any business may be transacted,

notwithstanding the lack of due notice of such meeting.

Section 3. Quorum: At any council meeting, a majority of the number of Officers then in office shall constitute a quorum for the transaction of any business of the Council, except as may be otherwise provided by these Bylaws, the Association's Articles of Incorporation or any applicable law. If the number of Officers necessary to constitute a quorum shall fail to attend at the time and place fixed for any annual or special council meeting, the Officers in attendance may adjourn without notice or other announcement at the meeting until the required number of Officers to constitute a quorum is attained.

Section 4. Manner of Acting of the Council: The act of a majority of the Officers present at a meeting, at which a quorum is attained, shall be the act of the Council unless the act of a greater number is required by these Bylaws, the Association's Articles of Incorporation, or any applicable law.

Section 5. Action of the Council without a Meeting: Any action required or permitted to be taken at any meeting of the Council may be taken without a meeting, if consent in writing setting forth the action so taken is signed by all of the Officers.

Section 6. Council Meetings by Electronic Means of Communication: To the extent provided in these Bylaws, the Council, or any committee of the Council, may, in addition to conducting meetings in which each Officer participates in person, and, notwithstanding any place set forth in the notice of the meeting or these Bylaws, conduct any regular or special meeting by the use of any electronic means of communication, provided that (a) all participating Officers may simultaneously hear each other during the meeting or (b) all communication during the meeting is immediately transmitted to each participating Officer and each participating Officer is able to immediately send messages to all other participating Officers. Before the commencement of any business at a meeting at which any of the Officers does not participate in person, all participating Officers shall be informed that a meeting is taking place at which official business may be transacted.

ARTICLE VII – Annual General Meeting

Section 1. Annual Meeting: The Association shall hold a general meeting every 3rd week of December each year. The business portion of such annual meeting shall include the election of Officers, unless such election has previously been conducted for such year by written ballot in accordance with these Bylaws and applicable law, and the transactions of such other businesses as may come before the annual general meeting. The place, date and time of the annual general meeting, as well as all its component meetings and events thereof and the agenda of businesses to be conducted thereat, shall be determined by the Council. Each annual general meeting may include a scientific meeting and a business meeting. The Association may undertake to hold its annual general meetings in different geographical locations within the Philippines as decided by the majority of its members, so as to ensure geographical balance to the extent feasible.

Section 2. Order of Business: The order of business at the annual general meeting of the Association shall be as follows:

- (a) Proof of the required notice of meeting;
- (b) Proof of attendance of members;
- (c) Reading of the minutes of previous meeting and action taken thereon;
- (d) Unfinished business;

(e) New business;

(f) Election of Officers.

The order of business at any meeting may be changed by a majority vote of the members present thereat.

Section 3. Special Meetings: Special meetings of the members may be called by the President or, upon written request from not less than ten percent (10%) of members in good standing, by the Secretary. In case of the latter, upon delivery to the Secretary of a written request, which states the purpose(s) of the requested meeting, dated and signed by the persons entitled to request such meeting, the Secretary shall give, within fifteen (15) days after such delivery, notice of such special meeting to the members of the Association.

Section 4. Notice of Meetings: Written or printed notice stating the place, day and hour of any meeting of members shall be signed by the President or the Secretary and shall be delivered either personally or by mail, to each member entitled to vote at such meeting, not less than fifteen (15) days nor more than thirty (30) days before the date of such meeting. In case of a special meeting or when otherwise required by statute or by these Bylaws, such notice shall also include the purpose or purposes for which the meeting is called. In the case of a special meeting, no business other than that specified in the notice of such meeting shall be transacted at any such meeting except by the consent of all the members present at such meeting. If mailed, the notice of a meeting shall be deemed to be delivered when deposited in the mail addressed to the member at his or her address as it appears on the records of the Association, with postage thereon prepaid. Any rules governing the submission, selection and presentation of papers at the scientific portion of a general membership meeting of members as may be established by the Council from time to time shall be announced in the notice of such annual meeting.

Section 5. Conduct at Meetings: All meetings of the members of the Association shall be conducted in accordance with Robert's Rules of Order.

Section 6. Action of Members without a Meeting: Any action to elect Officers may be taken without a meeting if the Association delivers a written ballot by mail or electronic means to every member entitled to vote on the matter. Such ballot shall set forth such election and provide an opportunity to vote for or against such election. Approval by ballot under this section shall be valid only when the number of votes cast by ballot exceeds the majority of the voting members authorizing the action and the number of approvals equals or exceeds the number of votes that would be required to approve the matter at a meeting at which the total number of votes cast was the same as the number of votes cast by ballot. A solicitation for votes by ballot shall include all of the following:

- (a) the number of responses required to meet the majority number of votes;
- (b) the percentage of approval necessary; and
- (c) the time at which a ballot must be received by the Association in order to be counted. A written ballot may not be revoked.

Section 7. Proxies: At any meeting of members, a member entitled to vote may vote by proxy executed in writing by the member or by his/her duly authorized attorney-in-fact. No proxy shall be valid after eleven (11) months from the date of its execution, unless otherwise provided in the proxy.

ARTICLE VIII – Election of Officers

Section 1. Nominations: Nominations of candidates for Officers shall be made by the general membership. At least six (6) weeks prior to the Annual General Meeting of the Association, the Secretary shall send, by any communication means, invitations to the members for nominations for a general election or any vacant post when so required. No one shall be eligible to be an Officer unless he/she is a member with voting rights and is of good standing at least ten (10) weeks before the annual meeting.

Section 2. Elections: The Secretary shall send to every voting member, not less than two (2) weeks before the annual meeting, a ballot listing all nominees. Fellows shall be entitled to one vote per vacancy in the Council, and they may vote either in person, by mail, proxy or electronically. So that votes are counted, filled-in ballots must be returned to the Secretary or his/her designee by not later than the date indicated on the ballot, which shall be at least one (1) week before the annual meeting. E-mailed votes shall be sent to a designated address. Nominees shall be elected by plurality vote of the Fellows. Immediately after their election, the Officers shall elect among themselves a President, a Vice-President, a Treasurer, and a Secretary. All elected Officers shall take office immediately following their election.

Section 3. Election Committee: In order to ensure transparency during the nomination and election procedures, an ad-hoc Election Committee shall be formed by the Secretary. Part of the function of the Election Committee is to designate an email address where to receive e-mail votes and to ensure that the contents of the ballots remain confidential until the official counting. The ad-hoc Election Committee shall be composed of three (3) individuals from the general membership appointed by the President with the concurrence of the Council.

ARTICLE IX – Committees

Section 1. Standing Committees: The Association shall have such standing committees as the Council shall deem necessary or appropriate in order to carry out the policies, programs, procedures and other actions of the Association. Such standing committees may include committees for:

- (a) Membership;
- (b) Internal Affairs;
- (c) External Affairs;
- (d) Awards and Recognition;
- (e) Programs and Publication;
- (f) Ethics and Regulatory;
- (g) Finance, Ways and Means; and
- (h) Election.

The Council may from time to time, at its discretion, also establish, designate and appoint such other committees to carry out such policies, programs and actions as the Council may from time to time deem appropriate or helpful to advance the purposes or activities of the Association. Any such resolution or policy establishing such committees shall be communicated by the Council to the members as soon as practicable after such establishment. The Council may determine the terms of any committee membership, which shall be arranged so as to permit staggered terms. The Council shall establish functions, membership and other procedures for all committees; provided, however, that, unless otherwise specified herein or by the Council, the chairpersons and

members of the standing committees shall be appointed by the President with the approval of the Council.

Section 2. Scientific Committee: The Council may also establish a Scientific Committee, the purpose of which shall be to recommend to the President programs for symposia to be held at the Annual Meeting or any other meeting or function of the Association. The Scientific Committee may be established directly by the Council stating the aim of such proposed Scientific Committee. The Council shall be responsible for determining the areas of responsibility, membership, leadership and other procedures and characteristics of such committee, which shall be designated as the "Scientific Committee of Adamson University Geology Alumni Association".

Section 3. Editor-in-Chief: The Editor-in-Chief of the Association's Journal shall be responsible for scientific content of the journal, editorial policies, budget and management including selection of Associate Editors, Editorial Board, and Managing Editor subject to the oversight by the Publication Committee and the Council. The Editor-in-Chief shall be elected by a majority vote of the Council. The Editor-in-Chief shall serve only one five-year term. The Editor-in-Chief may not be nominated or serve concurrently as an Officer of the Association.

ARTICLE X – Indemnification, Non-liability and Insurance Provisions

Section 1. Non-liability of Officers: The Officers shall not be personally liable for the debts, liabilities, or other obligations of the Association.

Section 2. Indemnification by Association: The Association shall be, to the fullest extent, authorized or allowed by the Law to indemnify any Officer, employee or agent of the Association and their respective heirs and personal representatives, against the following:

- (a) Any and all liability, judgments, fines and amounts paid in settlement actually and reasonably incurred by any of them in connection with any actual or threatened action, suit or proceeding, whether civil, criminal, administrative or investigative, or in connection with any appeal therein, or otherwise.
- (b) Any expenses (including attorneys' fees and other experts' fees and disbursements) actually and reasonably incurred by any of them in connection with the defense or settlement of any action or suit by or in the right of the Association or in connection with any appeal or otherwise; and no provision of the Bylaws shall be construed as limiting, denying, prohibiting, or abrogating any of the general or specific powers or rights conferred under the Law now or hereafter in effect.

Expenses so incurred by any persons in defending a civil or criminal action or proceeding shall likewise, at their request, be paid by the Association in advance of the final disposition of the action or proceedings to the full extent that advancement of expenses may be lawful under the law. These indemnification rights shall not be deemed to exclude any other rights to which the Officers, employee or agent may otherwise be entitled.

Section 3. Insurance for Association Agents: The Council may authorize the purchase and maintenance of insurance on behalf of any of its Officers, employee or other agent of the Association against liabilities asserted against or incurred by such person in such capacity or arising out of the person's status as such,

whether or not the Association would have the power to indemnify the person against such liability under the Articles of Incorporation, these Bylaws or any provision of applicable law.

ARTICLE XI – Distribution on Dissolution

Upon dissolution of the Association for any reason, the Council shall, after paying or making provisions for the payment of the Association's liabilities, if any, dispose of all the corporations' assets exclusively for the purposes of the Association in such manner as the Council shall determine, or to such organization or organizations organized and operated exclusively for charitable, educational, scientific purposes as shall at the time qualify as an exempt organization or organizations under present or future proviso of applicable Internal Revenue Law of the Philippines, as the Council shall determine. This Article may not be amended by the Association's members or the Council except as may be necessary to conform to applicable law.

ARTICLE XI – Miscellaneous

Section 1. Association Trademarks: No member may use the Association's name, logo or trademark(s) for personal, commercial purposes or funding purposes without prior approval of the Council.

Section 2. Seal: The Association shall have as a seal its adopted logo as shown in Annex A.

Section 3. Fiscal Year: The fiscal year of the Association shall commence on January 1 and ends on the 31st December of the same year.

Section 4. Execution of Instrument: All deeds, leases, transfers, contracts, bonds, notes and other obligations authorized to be executed by an Officer of the Association on its behalf shall be signed by the President cosigned by the Treasurer, except as the Council may generally or in particular cases otherwise determine.

Section 5. Voting Beneficial Interests: Except as the Council may otherwise designate, the President or Treasurer may waive notice of and act on behalf of the Association, or appoint any person or persons to act as proxy or attorney-in-fact for this Association (with or without discretionary power and/or power of substitution) at any meeting of members or beneficial owners of any other corporation or organization, any of the direct or indirect beneficial interests of which may be held by the Association.

Section 6. Power to Contract with the Association: In the absence of fraud, no contract or other transaction between the Association and one or more members of the Association or Officers, or between the Association and any other corporation or other organization in which one or more members of the Association or Officers are stockholders, member, or Officers, or otherwise interested shall in any way be affected or invalidated, even though the vote or action of the members of the Association or Officers having such interests (even if adverse) may have been necessary to obligate the Association upon such contract or transaction; provided, however, the nature of such interest (though not necessarily the extent or details thereof) shall be disclosed to the Council; and no member of the Association, Officer having such interest (even if adverse) shall be liable to the Association, or to any creditor thereof, or to any other person for any loss incurred by it under or by reason of such contract or transaction, nor shall any such member of the Association, or Officer be accountable for gains or profits realized thereon, or be disqualified from serving or continuing to serve as a member of the Association or Offi-

cer thereof, if the notice required herein has been given.

ARTICLE XII – Amendments

Amendments to the By-Laws may be initiated by the Council or by a petition signed by ten (10) or more Fellows. Proposals for amendments shall be given to the By-Laws Committee (or such other committee having equivalent duties as may exist from time to time) for consideration. Not later than six (6) months after its receipt of such proposal, said Committee shall recommend to the Council whether such proposal should be approved and, if it recommends approval, it shall deliver proposed amendments to the Council. The Council shall consider such proposal and, if applicable, such proposed Bylaw amendments and approve or disapprove of same. If the Council approves such proposed Bylaws amendments, such proposed amendments shall be submitted to Secretary of the Association not less than sixty (60) days before the next Annual Meeting of Members of the Association, whereupon the proposed Bylaw amendments shall be submitted to the Fellows in good standing of the Association for a vote on approval thereof according to the same procedures as those applicable to other matters submitted to members for a vote thereon, except as otherwise prohibited in these Bylaws; provided, however, that the affirmative votes of not less than two-thirds (2/3) of the Fellows are gathered either by electronic means, proxy or physically present at the General Membership meeting of Members shall be required to approve any such proposed Bylaw amendment. The Secretary shall report the results of such vote to the President promptly after such vote is completed and the President shall thereafter promptly transmit the results to the membership, at which time such Bylaw amendments shall become effective.

GEOCON 2010

(<http://www.geolsocphil.org/index.htm>)

to be held on

December 9 & 10, 2010

at the

CROWNE PLAZA HOTEL
Ortigas Avenue corner ADB Avenue,
Quezon City

Registration Fee:

GSP Member: P1,500.00
Non-Member: P5,000.00

Please settle your membership dues on or before June 30, 2010 to avail of the subsidized registration fee.

Contact Ms. Che Llamera
(Tel. No. 633-9025; CP 0919 8404196)
to arrange payment of membership dues.



Calendar of International Events

(Source: International Union of Geological Sciences - <http://iugs.org/>)

2010

01 - 6 August 2010

The 19th World Congress of Soil Science, Brisbane, Australia. Theme "Soil Solutions for a Changing World".

Website: <http://www.19wcss.org.au/>

28 August - 02 September 2010

14th Annual Conference of the International Association for Mathematical Geosciences. Budapest, Hungary.

Website: <http://www.iamg2010-budapest.hu/>

05 - 10 September 2010

International Association of Engineering Geology and the Environment, Auckland, New Zealand

Website: <http://www.iaeg2010.com/>

07 - 10 September 2010

XI International Symposium on Mineral Exploration. Geological Survey of Finland, Espoo, Finland.

Website: <http://www.isme-detec.org/ISME/ISME.htm>

26 September - 1 October 2010

45^o Congresso Brasileiro de Geologia. Bethlehem, Para, Brazil. - The 45th Brazilian Congress of Geology with the theme "Development and Global Change: The Importance of Geosciences".

Website: <http://www.45cbg.com.br>

27 September - 9 October 2010

Society of Economic Geologists 2010 Conference (SEG2010). Keystone Resort, Colorado, USA. "The Challenge of Finding New Mineral Resources: Global Metallogeny, Innovative Exploration, and New Discoveries."

Website: <http://www.seg2010.org/>

4 - 8 October 2010

Tectonic Crossroads: Evolving Orogens of Eurasia-Africa-Arabia. A Global Meeting brought to you by The Geological Society of America (GSA) and the GSA International Section. Middle East Technical University, Ankara, Turkey.

Website: <http://www.geosociety.org/meetings/2010turkey/>

10 - 13 October 2010

International Conference "Geosciences Secure the Future". Congress centre of Technische Universität, Darmstadt, Germany

Website: <http://www.geodarmstadt2010.de/>

31 October - 4 November 2010

Groundwater2010 - the challenges of sustainable management. Organised by GSA Engineering, Environmental and Hydrogeology Specialist Group and IAH Australia NC. Canberra, Australia

Website: <http://www.groundwater2010.com>

2 - 3 November 2010

4th International Conference on Geotechnical Engineering and Soil Mechanics, Tehran, Iran.

Website: <http://www.icgesm2010.ir/>

2011

18 - 22 February 2011

IAG/AIG Regional Conference on Geomorphology 2011: Geomorphology for Human Adaptation to Changing Tropical Environments, Addis Ababa, Ethiopia.

Contact: iag@geomorph.org

16 - 18 May 2011

17th TC28 International Symposium "Geotechnical Aspects of Underground Construction in Soft Ground". Rome, Italy.

Website: <http://www.tc28-roma.org/>

18 - 20 May 2011

The 3rd International Conference on Geotechnical Engineering for Disaster Mitigation and Rehabilitation 2011 - GEDMAR 2011. Semarang, Central Java, Indonesia.

Website: <http://reliability.geoengineer.org/GEDMAR2011/>

20 - 27 July 2011

International Union for Quaternary Research (INQUA) XXVIII Congress. Bern, Switzerland.

Website: <http://www.inqua.tcd.ie/congress.html>

22 - 26 August 2011

International Applied Geochemistry Symposium (IAGS 2011). Rovaniemi, Finland. Jointly organized by the Geology section of the Finnish Association of Mining and Metallurgical Engineering, the Geological Survey of Finland, the Institute of Geosciences-University of Oulu, the Association of Applied Geochemists (AAG), and with support from professionals in the mineral exploration industry.

Website: <http://www.iags2011.fi/>

2012

2 - 10 August 2012

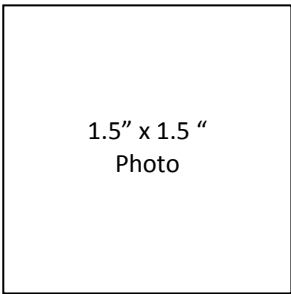
34th International Geological Congress. Brisbane, Australia. Scientific meeting of the International Union of Geological Sciences.

Website: <http://www.34igc.org/>



Adamson University Geology Alumni Association, Inc.

MEMBERSHIP APPLICATION FORM*



MEMBERSHIP CATEGORY (see Article IV of our Bylaws):

- Membership options: Fellow, Member, Honorary Member, Student Member, New Application, Renewal

PERSONAL INFORMATION

Ms./Mr./Dr. Last Name, First Name, Middle Name

Nickname: Date of Birth (Month, Day, Year)

Home Address:

Home Phone Number: Mobile Number(s):

Email Address: Alternate Email Address:

Company/Institution:

Company/Institution Address:

Affiliation(s):

Blank lines for affiliation information

EDUCATION

Table with columns: University and Location, Years (From to), Degree

PROFESSIONAL EXPERIENCE

Table with columns: Period (From to), Position, Company

Specialization:

Signature:

*Send a scanned copy of your completed application form to Ms. Gemselle Nagrama (gem_nagrama@yahoo.com).