



IAMG Student Chapter Annual Report

| | |
|--|---|
| Year: | 2016-2017 |
| Chapter: | IAMG Student Chapter at China University of Geosciences |
| Web-site (url): hosted by last update | http://www.iamg2014.icoc.cc/ |
| Academic Advisor(s): | Renguang Zuo Guoxiong Chen Qiuming Cheng Zhijun Chen |
| President (name, email): | Yuan Gao 937556747@qq.com |
| Secretary: (name, email) | Ziye Wang ziyewang@cug.edu.cn |
| Treasurer (name, email): | Jian Wang 1120779522@qq.com |



IAMG Student Chapter Annual Report

| Members | Name | Last Degree | Research Project | Department |
|---------|--------------|-------------|--|---|
| | Yuan Gao | Ph.D | Mineral resource prospecting and exploration | The Faculty of Earth Resources, China University of Geosciences (Wuhan) |
| | Jian Wang | Ph.D | Mathematical geology | State Key Laboratory of Geological Processes and Mineral Resources |
| | Yihui Xiong | Ph.D | Mathematical geology | State Key Laboratory of Geological Processes and Mineral Resources |
| | Pingping Zhu | Ph.D | Mineral resource prospecting and exploration | The Faculty of Earth Resources, China University of Geosciences (Wuhan) |
| | Liheng Chang | Ph.D | Mineral resource prospecting and exploration | The Faculty of Earth Resources, China University of Geosciences (Wuhan) |
| | Yulei Niu | master | Mineral resource prospecting and exploration | State Key Laboratory of Geological Processes and Mineral Resources |
| | Ziye Wang | master | Mathematical geology | State Key Laboratory of Geological Processes and Mineral Resources |
| | Mian Zhao | master | Mineral resource prospecting and exploration | State Key Laboratory of Geological Processes and Mineral Resources |
| | Kexin Wang | master | Mathematical geology | State Key Laboratory of Geological Processes and Mineral Resources |
| | Xuan Liu | master | Mineral resource prospecting and exploration | State Key Laboratory of Geological Processes and Mineral Resources |
| | Yu Wang | master | Mineral resource prospecting and exploration | State Key Laboratory of Geological Processes and Mineral Resources |
| | Hui Liu | master | Mathematical geology | State Key Laboratory of Geological Processes and Mineral Resources |
| | Yong Peng | bachelor | Mathematical geology | State Key Laboratory of Geological Processes and Mineral Resources |
| | Tong Li | bachelor | Mathematical geology | State Key Laboratory of Geological Processes and Mineral Resources |



IAMG Student Chapter Annual Report

| | | | |
|---------------|--------|--|---|
| Jinchun Zhen | master | Mathematical geology | The School of Earth Sciences, China University of Geosciences (Wuhan) |
| Lei Lei | master | Mineral resource prospecting and exploration | The School of Earth Sciences, China University of Geosciences (Wuhan) |
| Weikan Jin | Ph.D | Mineral resource prospecting and exploration | The Faculty of Earth Resources, China University of Geosciences (Wuhan) |
| Li Kang | master | Mathematical geology | The Faculty of Earth Resources, China University of Geosciences (Wuhan) |
| Shuai Leng | master | Mineral resource prospecting and exploration | The Faculty of Earth Resources, China University of Geosciences (Wuhan) |
| Tongfei Li | master | Mathematical geology | The Faculty of Earth Resources, China University of Geosciences (Wuhan) |
| Yanling Li | master | Mineral resource prospecting and exploration | The Faculty of Earth Resources, China University of Geosciences (Wuhan) |
| Xiaochen Wang | master | Mineral resource prospecting and exploration | The Faculty of Earth Resources, China University of Geosciences (Wuhan) |
| Mengyang Zhao | master | Mineral resource prospecting and exploration | The Faculty of Earth Resources, China University of Geosciences (Wuhan) |
| Kaifeng Guo | master | Mineral resource prospecting and exploration | The Faculty of Earth Resources, China University of Geosciences (Wuhan) |
| Yuanyuan Li | master | Mineral resource prospecting and exploration | The Faculty of Earth Resources, China University of Geosciences (Wuhan) |
| Yi He | master | Geoscience information | School of Computer Science, China University of Geosciences (Wuhan) |
| Yang Li | master | Geoscience information | School of Computer Science, China University of Geosciences (Wuhan) |
| Kunyu Tao | master | Geoscience information | School of Computer Science, China University of Geosciences (Wuhan) |
| Zhong Yao | master | Geoscience information | School of Computer Science, China University of Geosciences (Wuhan) |



IAMG Student Chapter Annual Report

| | | | |
|---------------|--------|--|---|
| Wenyan Ge | Ph.D | Mineral resource prospecting and exploration | The School of Earth Sciences, China University of Geosciences (Wuhan) |
| Min Gao | Ph.D | Mineral resource prospecting and exploration | The School of Earth Sciences, China University of Geosciences (Wuhan) |
| Tianjiao Qi | Ph.D | Mineral resource prospecting and exploration | The School of Earth Sciences, China University of Geosciences (Wuhan) |
| Shubin Zhou | master | Mineral resource prospecting and exploration | The School of Earth Sciences, China University of Geosciences (Wuhan) |
| Shijie Peng | Ph.D | Geoscience information | School of Computer Science, China University of Geosciences (Wuhan) |
| Qiyu Chen | Ph.D | Geoscience information | School of Computer Science, China University of Geosciences (Wuhan) |
| Yao Ding | master | Geoscience information | School of Computer Science, China University of Geosciences (Wuhan) |
| SongChang Hua | master | Geoscience information | School of Computer Science, China University of Geosciences (Wuhan) |
| Pei Yao | master | Geoscience information | School of Computer Science, China University of Geosciences (Wuhan) |
| Yanan Jiang | master | Geoscience information | School of Computer Science, China University of Geosciences (Wuhan) |
| Chen Li | master | Geoscience information | School of Computer Science, China University of Geosciences (Wuhan) |
| Zaiquan Shen | master | Geoscience information | School of Computer Science, China University of Geosciences (Wuhan) |
| Ping Wang | master | Geoscience information | School of Computer Science, China University of Geosciences (Wuhan) |
| Shaoqun Dong | Ph.D | Mathematical geology | College of Geosciences, China University of Petroleum(Beijing) |



IAMG Student Chapter Annual Report

| Scientific Activities during reporting year: | Invited Talks | | | |
|--|----------------|--------------------------|--|--|
| | Date | Place | Inviter | Report Topic |
| | 2016.9 | Conference room of GPMR | Professor Renguang Zuo | Geospatial information technology and mineral exploration |
| | 2016.11.6 | Conference room of GPMR | Professor Qiuming Cheng | The front edge and orientation of geosciences; 2) the contribution of geomathematics made to geosciences in recent years; 3) the typical issues related to deep earth exploration. |
| 2017.4.23 | 3D Virtual Lab | Professor Yongliang Chen | Application of machine learning methods in the prediction of mineral target areas and the identification of multivariate geochemical anomaly | |
| | | | | |



IAMG Student Chapter Annual Report

| Taking Part in international/domestic Academic Conferences | | | | |
|---|--|------------------------------|--|--|
| Data | Conference | Place | Attendee | Report Title |
| August 27 th , 2016 | the 35th International Geological Congress | Cape Town South Africa | Yihui Xiong | Effects of misclassification costs on mapping mineral prospectively |
| October 21-23, 2016. | the 15th National Symposium on MGCI | Changsha, Hunan | Professor Ren-guang Zuo and students Ziye Wang Yihui Xiong Yuan Gao Kexin Wang | Spatial Information Technology and Mineral Survey on Earth |
| November 19 -21, 2016. | The Thirteenth National Mineral Deposit Conference | Hefei city of Anhui Province | Yulei Niu Mian Zhao | Zircon U-Pb age and Sr-Nd-Pb isotopic characteristics of the Yongfu granite in Fujian, Longyan and their geological significance |



IAMG Student Chapter Annual Report

| | | | | | |
|--------------------------|--|------------------------------|--|--|---|
| | | | | | Study on the fluid characteristics of uranium mineralization in Xiangshan process |
| April 23, 2017 | An academic report by Professor Chen Yongliang | State Key Laboratory of GPMR | ALL | | |
| April 18 to 21, 2017 | the 16th Annual Conference on Mineralogy, Petrology and Geochemistry | Xi'an | Yihui Xiong | | Local RX based multivariate geochemical anomaly identification and extraction |
| September 17 to 20, 2017 | the 2017 Society of Economic Geologists annual meeting | Beijing | Tong Li Ziye Wang Yong Peng Yu Wang | | |



IAMG Student Chapter Annual Report

| | | | |
|--|-------------------------------------|-----------------|--------------------|
| Budget for reporting year (USD) : | Item | Budgeted | Expenditure |
| | Academic activities | 466 | 703 |
| | Propaganda lectures fee | 466 | 470 |
| | Maintaining and Updating of website | 233 | 295 |
| | Invited Speakers fee | 466 | 815 |
| | Office consumables | 233 | 100 |
| | Outdoor activities of membership | 186 | 88 |

| | |
|---------------------------|---|
| Funding requested: | <p><u>2400 USD</u></p> <p>Considering devaluation of RMB and inflation in China, we have to increase our budget to ensure that all activities of IAMG-SCC will be carried out expectedly. Firstly, we plan to redesign our website to improve the promotion of IAMG-SCC, and provide more opportunities for students to understand mathematical geosciences and join in IAMG-SCC. Secondly, we plan to finance more members to attend the upcoming academic conference. In addition, we will hold more activities for members to discuss together and know each other in 2018.</p> |
|---------------------------|---|

| | | |
|--------------------------------|-------------------------------------|-----------------|
| Proposed budget (USD) : | Item | Budgeted |
| | Academic activities | 700 |
| | Propaganda lectures fee | 500 |
| | Maintaining and Updating of website | 300 |
| | Invited Speakers fee | 700 |
| | Office consumables | 100 |
| | Outdoor activities | 100 |



IAMG Student Chapter Annual Report

Planned activities:

1. In 2018, we will invite scientists come from different research field of geosciences, and give lectures. We plan to hold nine internal communications and four invited talks.
2. We will strengthen the propaganda for IAMG-SCC by holding science popularization activity of mathematical geosciences, and provide more opportunities to students to understand mathematical geosciences and IAMG. We plan to hold the actives by giving report and making presentation.
3. We will continue to finance our members to attend the upcoming academic conference such as the 8th conference on metallogenic theory and prospecting method, and 2018 conference of the geological society of China.
4. We will give three or four software trainings for IAMG-SCC students memberships, such as ArcGIS, Matlab, R software and so on.
5. The website is mainly propaganda tool for IAMG-SCC. We will keep the site up and running smoothly. The minister of information of IAMG-SCC Tong Li (tethysCUG@gmail.com) will be in charge of the maintaining and updating of website. We plan to develop a public home page on the Wechat and Sina Weibo, so that more people have chance to know the IAMG and IAMG-SCC.
6. We plan to hold several activities, such as basketball game, hiking, barbecue and dinner party for IAMG-SCC members, which providing a chance for sharing and communication.