

## 2012 Student Research Grants Awards

IAMG provides financial support to students in graduate school or post-doctoral positions for research in the fields of mathematical geology, geomathematics, and geoinformatics. Individual Grant amounts may vary and are set by the Student Affairs Committee for each individual case, considering merit of the application and financial need. Guidelines for applications can be found on the website [iamg.org](http://iamg.org) under Student Affairs. Each of the following five students received a grant of \$1,000.

**Arivazhagan Sundaram**, Periyar University, Salem, India, Ph.D.  
“Hyperspectral Remote Sensing Study of Sittampundi Anorthosite Complex, India”.  
Advisor: Prof. S. Anbazhagan



**Rebekka Steffen**, University of Calgary, Canada  
Diplom (Master’s Equivalent)  
“Incorporation of faults and lateral density-changes in the crust in glacial- isostatic-adjustment models”. Advisors: Patrick Wu (University of Calgary), David W. Eaton (University of Calgary), Björn Lund (Uppsala University)

**Zheenbek Kulenbekov**, TU BA Freiberg, Germany, BSc/MSc in Physics  
“Effect of Radionuclides from Uranium Tailing Dumps on Water System of Lake Issyk-Kul (Kyrgyzstan)”. Advisor: Prof. Dr. Broder J. Merkel, TU BA Freiberg, Germany



**Sara Attarchi**, TU BA Freiberg, Germany, Master of Science Project “Biodiversity and AGB in Loveh forest by remote sensing”. Advisor: Dr. Richard Gloaguen, TU BA Freiberg, Germany.

**Danial Kaviani**, University of Calgary, Canada, Ph.D.  
“Interwell connectivity evaluation from well rate fluctuations: a waterflooding management tool”. Advisor: Dr. Jerry Jensen, University of Calgary, Canada



Of the 22 complete applications, 12 were submitted by students at universities where IAMG student chapters are or were active: Sun Yat-sen (1), Twente (1), Stanford (2), Wuhan (2), Freiberg (6).

Applications came from Iran (1), Netherlands (1), India (2: 1 institution), USA (2: 1 institution), Canada (3: 1 institution), China (3: 2 institutions), Pakistan (3: 2 institutions), Germany (7: 2 institutions).

All 5 awardees are members of IAMG, 2 of them are members of the student chapter Freiberg.

Three awardees are PhD students, 2 hold a PhD already and are post docs or “other”.

Two grants go to applicants at Calgary University, Canada, 2 to TU Bergakademie Freiberg, Germany, 1 to Periyar University Salem, India.

The subjects of awarded projects are remote sensing (2), water system/ water system management (2), geology (1).

*Helmut Schaeben*  
Chair, Student Affairs Committee