

# Call for 2018 International Doctor Program in “The Belt and Road Initiative” Disaster Risk Reduction

## 1 Overview of the Program

The International Postgraduate Program/Fellowship of “Disaster Risk Reduction” along “The Belt and Road” is given by the Chinese Academy of Sciences and the research institutes in those countries along the “belt and road”. It focuses on the research of natural hazards (e.g, earthquake, geohazards, drought and floods, ocean disaster, meteorological disaster, desertification etc.) distribution, characteristics, monitoring and early warning, risk analysis, mitigation, and coordination. The fellowship aims to cultivate high level talents of Disaster Risk Reduction.

This program commonly last for 3 years. Students must complete the course of study to meet the credits requirement, publish academic papers and pass thesis defense. Certificates of graduation and degrees will be awarded to those who have met the requirements of graduation and degree conferment.

## 2 Application Guideline

### 2.1 Majors and Research Areas

Research Areas in “The Belt and Road Initiative” Disaster Risk Reduction; Majors of Civil Engineering, Geography, Ecology, Geology, Hydrology, Marine Science and Atmospheric Sciences etc. The majors and related institutes and supervisors for this program are as follows:

Discipline Code	Discipline Name	Major Code	Major Name	Institute (Research Center)	Supervisors
0814	Civil Engineering	081401	Geological Engineering	<b>Institute of Mountain Hazards and Environment, Chinese Academy of Sciences</b> ● Key Laboratory of Mountain Hazards and Earth Surface Process, Chinese Academy of Sciences	CUI Peng    CHEN Xiaoqing SU Lijun    CHEN Ningsheng HU Kaiheng    HE Siming ZHOU Gongdan
		081405	Disaster Prevention and Mitigation		

		0814Z1	Engineering  Cold Area Engineering and Environment	<b>Academy of Sciences</b> <ul style="list-style-type: none"> <li>● State Key Laboratory of Frozen Soil Engineering</li> <li>● State Key Laboratory of Cryospheric Sciences</li> <li>● Key Laboratory of Desert and Desertification, Chinese Academy of Sciences</li> </ul>	SHENG Yu LI Dongqing ZHANG Jianming YU Wenbing WANG Dayan WEN Zhi LI Guoyu QU Jianjun TA Wanquan JIN Huijin ZHANG Yaonan ZHANG Kecun LV Ping WU Qingbai QI JilinLIU Enlong ZHAO Lin LI Ren XIE Changwei
0705	Geography	070501	Physical Geography	<b>Institute of Mountain Hazards and Environment, Chinese Academy of Sciences</b> <ul style="list-style-type: none"> <li>● Key Laboratory of Mountain Hazards and Earth Surface Process, Chinese Academy of Sciences</li> <li>● key laboratory of mountain environment evolution and its regulation, Chinese Academy of Sciences</li> <li>● Research Center of Mountain Development</li> <li>● Digital Mountain and Remote Sensing Applications Center</li> </ul>	CUI Peng LI Yong WANG Genxu WU Yanhong WANG Yukuan FANG Yiping LI Ainong FAN Jianrong
		070502	Human Geography	<b>Northwest Institute of Eco-Environment and Resources , Chinese Academy of Sciences</b> <ul style="list-style-type: none"> <li>● State Key Laboratory of Cryospheric Sciences</li> <li>● Key Laboratory of Desert and Desertification, Chinese Academy of Sciences</li> <li>● Key Laboratory of Ecohydrology of Inland River Basin, Chinese Academy of Sciences</li> <li>● Key Laboratory of Ecohydrology and Watershed Science,Heihe,Gansu province</li> <li>● Laboratory of Remote Sensing and Geospatial Science</li> </ul>	QIN Dahe CHENG Guodong YAO Tandong CHE Tao CHEN Rensheng DING Yongjian FENG Qi HAN Zhiwen HE Zhibin HUANG Chunlin JIN Helin JIN Huijun KANG Shichang LI Xin LI Xinrong LI Yuqiang LI Zhongqin LIU Guangxiu LIU Xiaohong LIU Yubing LV Ping QU Jianjun SHENG Yu SU Yongzhong TA Wanquan WANG Jian WANG Tao WANG Weizhen WANG Xinping WU Qingbai WU Tonghua XIAO Shengchun XIE Changwei XU Jianzhong XU Zhongmin XUE Xian YAN Changzhen YANG Bao YANG Meixue YI Shuhua YU Qihao YUAN Wenping
		070503	Cartography and Geography Information System		

					ZHANG Kecun ZHANG Xiaoyou ZHANG Yaonan ZHAO Hui ZHAO Lin ZHAO Wenzhi ZHAO Xueyong ZHOU Lihua ZUO Xiaolan
				<b>Xinjiang Institute of ecology and geography, Chinese Academy of Sciences</b> <ul style="list-style-type: none"> <li>● Department of Oasis Ecology and Oasis Agriculture</li> <li>● Department of Human-Earth System and Regional Development</li> <li>● Xinjiang Key Laboratory of Water Cycle and Water Utilization in Arid Area</li> <li>● Department of Space-to-ground Observation and System Simulation</li> </ul>	CHEN Yaning ZHAO Chengyi JI Lili YU Ruide LEI Jiaqiang LI Lanhai YANG Zhaoping YANG Degang BAO Anming CHEN Xi LUO Geping ZHANG Chi LIU Tie
0706	Atmospheric Sciences	070601 070602	Meteorology  Atmospheric Physics and Atmospheric Environment	<b>Northwest Institute of Eco-Environment and Resources , Chinese Academy of Sciences</b> <ul style="list-style-type: none"> <li>● Key Laboratory of Land Surface Process and Climate Change in Cold and Arid Regions, Chinese Academy of Sciences</li> </ul>	HU Zeyong GAO Yanhong GAO Xiaoqing YU Ye MA Yaoming KANG Shichang YANG Meixue QIN Xiang LI Ren MENG Xianhong CHEN Rensheng CHE Tao XU Jianzhong SU Peixi YANG Bao
0709	Geology	070901 070902 070904	Mineralogy, petrology, mineralogy  Geochemistry  Structural Geology	<b>Northwest Institute of Eco-Environment and Resources , Chinese Academy of Sciences</b> <ul style="list-style-type: none"> <li>● Key Laboratory of oil and gas resources, Chinese Academy of Sciences</li> <li>● Key Laboratory of oil and gas resources, Gansu province</li> </ul>	WANG Qi CHEN Guojun JI Limin XIA Yanqing ZHOU Shixin TUO Jincan WANG Xiaofeng LI Liwu WANG Yongli FAN Qiaohui LI Zhongping
0713	Ecology	071300	Ecology	Institute of Mountain Hazards and Environment, Chinese Academy of Sciences <ul style="list-style-type: none"> <li>● key laboratory of mountain environment evolution and its regulation, Chinese Academy of Sciences</li> </ul>	WANG Genxu WANG Yukuan

				<ul style="list-style-type: none"> <li>● Research Center of Mountain Development</li> </ul>	
				<p><b>Northwest Institute of Eco-Environment and Resources , Chinese Academy of Sciences</b></p> <ul style="list-style-type: none"> <li>● Key Laboratory of Stress Physiology and Ecology, Gansu province</li> <li>● Key Laboratory of Extreme Environmental Microbial Resources and Engineering, Gansu province</li> </ul>	LI Xinrong ZHAO Wenzhi ZHAO Xueyong LIU Guangxiu XIE Zhongkui ZHANG Tonghui WANG Xinping DUAN Zhenghu SU Peixi SU Yongzhong CHEN Guoxiong MA Xiaofei WANG Ruoyu CHEN Tuo YUAN Wwenping LIU Xiaohong HE Zhibin ZHANG Zhishan LI Yuqiang LIU Yubing XIAO Shengchun ZUO Xiaohan XUE Xian
				<p><b>Xinjiang Institute of ecology and geography, Chinese Academy of Sciences</b></p> <ul style="list-style-type: none"> <li>● Key Laboratory of Biogeography and Bioresource in Arid Land, CAS</li> <li>● National Engineering Technology Research Center for Desert-Oasis Ecological Construction</li> <li>● Mori Station for Wildlife Survey and Monitoring, XIEG, CAS</li> </ul>	ZHANG Yuanming XU Xinwen YANG Weikang ZENG Fanjiang TIAN Changyan LIU Xuejun
0903	Agricultural resource and environment	090301	Soil Science	<p><b>Institute of Mountain Hazards and Environment, Chinese Academy of Sciences</b></p> <ul style="list-style-type: none"> <li>● key laboratory of mountain environment evolution and its regulation, Chinese Academy of Sciences</li> </ul>	ZHU Bo HE Xiubin TANG Xiangyu ZHANG Dan ZHANG Jianhui LIU Gangcai XIONG Donghong

## 2.2 Qualification of Applicants

- (1) Non-Chinese citizens;
- (2) Being healthy and willing to abide by the Chinese laws and decrees;
- (3) Holding a master's degree or its equivalent in Geotechnical Engineering, Physical Geography, Atmospheric Physics and Atmospheric Environment, Structural Geology, Environmental Science or related field with satisfactory performance;
- (4) With good academic performance, research ability and proficient English skills.

## **2.3 Admission Process**

### **(1) CHECK ELIGIBILITY CRITERIA**

You should verify that you meet ALL the requirements specified in the “General conditions for applicants” section of this call.

### **(2) FIND AN ELIGIBLE HOST SUPERVISOR AFFILIATED WITH UCAS FACULTY OR CAS INSTITUTE THAT AGREES TO ACCEPT YOU**

See here for a list of eligible supervisors affiliated with above-mentioned CAS institutes.

Once you find an eligible professor of your interest, you must contact him/her, send an explanatory e-mail together with your CV, research proposal and any other required documents to him/her, and indicate that you wish to take part in this doctoral program.

### **(3) SUBMIT YOUR ADMISSION APPLICATION VIA THE ONLINE SYSTEM**

Applications shall be submitted via the Online Application System for International Students of UCAS (<http://adis.ucas.ac.cn>) which would be officially launched around Dec. 15, 2017.

Please prepare and upload the following materials to the system. Make sure the electronic version of supporting documentation is in the right format as requested for the online application system.

- Your regular passport which has at least 2 years validity (only pages showing personal and validity details are needed);
- Your recent full-face bust photo with 2-inch;
- Complete CV with a brief introduction of research experience;
- Foreigner Physical Examination Form;
- Original copies of both Master’s and Bachelor degree certificates you held (applicants having just completed or about to complete their Master’s degree should provide an official pre-graduation certificate showing their student status and stating the expected graduation date);
- Original copies of Master’s and Bachelor degree’s transcripts;
- Detailed research proposal;
- Photocopies of all the title pages and abstracts of maximum 5 published academic papers;
- TWO reference letters (NOT the host supervisor) familiar with you and your work (signed, dated and on official headed paper with contact phone number and email address)
- Certificate of financial support (or complete the scholarship application procedure to UCAS)

For those who a. have already got financial support, please attach the certificate of financial support; b. are applying to study by self-support, please attach the affidavit of support from guarantors and a bank statement; c. are applying for scholarship program(s) to UCAS, please complete the scholarship application procedure(s).

• **BANK RECEIPT OF APPLICATION PROCESSING FEE**

**(4) REMIND YOUR SUPERVISOR TO COMPLETE THE SUPERVISOR'S COMMENT PAGE AND SEND IT TO THE INTERNATIONAL STUDENTS OFFICE OF UCAS BY THE UCAS FACULTY/CAS INSTITUTE WHICH HE/SHE IS AFFILIATED WITH.**

Please note:

1. The applicant should affirm that, all the information and materials he/she provides here are true and correct. If there is any forge or false documents, he/she will undertake all the consequences.
2. The applicant cannot apply to more than one institute/school and supervisor.
3. Please choose major, host supervisor and host institute cautiously before submission. After enrolment at UCAS, applications for the change of these items are seldom considered.
4. All the above supporting documentation must be in English or Chinese, otherwise notarial translations in English or Chinese are required.
5. Lack of application documents or unsatisfactory documents will not be accepted and none of the documents will be returned.
6. Please **DO NOT** send any of your supporting documentation directly to the International Students Office of UCAS.
7. Chinese Government Scholarship, CAS-TWAS President's Fellowship Programme and UCAS Scholarship for International Students do not request for application processing fee.

## **2.4 Application Time**

Program for 2018 fall semester: **December 1, 2017–May 30, 2018**. For those who apply to UCAS for scholarship, please submit the above admission application documents along with scholarship application form before March 31st, 2018, the scholarship application deadline.

## **2.5 Visa Application and Registration**

UCAS will send Admission Notices, Visa Application Forms and some other documents to the admitted students.

The admitted student should take his personal passport, Admission Notice, Visa Application Form (JW202/JW201), and original Form of Physical Examination Record for Foreigners as well as other original documents of physical examination to the Embassy or Consulate of the People's Republic of China, and apply for a student visa (X1/X2 visa). Please do not enter China visa-free or with other types of visas other than X visa. Please keep the original Admission Notice and Visa Application Form (JW202/ JW201) which are needed for registration and residence permit application.

The admitted student should register at the place indicated in the Admission Notice, and should register on the assigned date. Otherwise, students should apply to UCAS for registration extension.

## **2.6 Professional Courses**

All students must achieve required credits of the basic courses at the 1st semester in the International College of Chinese Academy of Sciences University and required credits of the professional courses at the 2nd semester in relevant institute. All professional courses have been set in accordance with the training program for students and are taught in English.

## **2.7 Thesis**

Students are required to conduct an independent research project supervised by a faculty member with an interest in the particular topic of their own research. A Qualification Examination including documents (e.g., research proposals) and a formal oral presentation are required in the third term. A mid-exam proposal and a formal oral presentation are required in the fifth term. Students are required to submit a English thesis with an executive Chinese abstract and the final oral thesis defense is required.

## **2.8 Fees and Costs**

- (1) Application processing fee: RMB 600 (**Non-refundable**);
- (2) Tuition: None
- (3) Accidental Injury and Hospitalization Insurance premium:  
RMB 800/year, RMB 400/half year;
- (4) Accommodation (shared rooms) fee: RMB 900/month for one student;
- (5) Outpatient service fee is paid according to the insurance scheme of insurance company.

Board expenses, travel expenses and other costs of experiments, meetings and trainings beyond the program curriculum are at the student's own expense.

Please note:

(1) Currencies other than RMB, USD and EUR are unacceptable.

(2) UCAS bank account information:

Beneficiary: University of Chinese Academy of Sciences

Account number: 11001059200053002790

Bank: Construction Bank of China

Beijing Municipal Dongfangguangchang Branch

SWIFTCODE: PCBCCNBJBJX

(3) Please specify the purpose of the remittance and the student's name, nationality and passport number.

### **3 Scholarships**

The applicants may apply for CAS-TWAS President's Fellowship Programme Scholarship, Chinese Government Scholarship, UCAS Scholarship for International Students or Scholarship of relevant Institute for International Students.

#### **● CAS-TWAS President's Fellowship Programme**

The program offers full scholarship for 200 international students from all over the world. It provides tuition and application processing fee waivers and living allowance to cover health insurance, accommodation fee, transportation fee, etc. Please refer to the UCAS website at <http://english.ucas.ac.cn/> for detailed information and application procedure.

#### **● Chinese Government Scholarship**

The Chinese Government Scholarship covers many programs, including Bilateral Program, EU Program, AUN Program, PIF Program, etc., to sponsor international students and scholars to study and research in Chinese universities. The scholarship offers a fee waiver of registration, tuition, health insurance, on-campus dormitory accommodation, etc. Please refer to the website of the China Scholarship Council (<http://www.csc.edu.cn/Laihua/>) for detailed introduction, qualifications of applicants and application procedure.

UCAS is one of the Chinese Government Scholarship universities. Eligible applicants may apply to the China Scholarship Council by recommendation of the related national official departments and Embassy or Consulate of the People's Republic of China. The scholarship



usually starts in November and finishes the following April, but please be noted of deadline variations for different countries. The International Students Office of UCAS will offer pre-admission notice if needed.

Applicants may also apply with UCAS recommendation (see <http://english.ucas.ac.cn/>). But this is only for a small number of excellent international students who are not currently studying in China.

#### ● UCAS Scholarship for International Students

The UCAS Scholarship for International Students offers full scholarship for international students to pursue doctoral degrees at UCAS. It provides tuition fee waiver, health insurance, living allowance and on-campus accommodation. Please refer to the UCAS website at <http://english.ucas.ac.cn/> for more information.

#### ● Scholarship of relevant Institute for International Students

The Scholarship of relevant Institute for International Students offers full scholarship for international students to pursue doctor degree at UCAS. It provides tuition fee waiver, health insurance, living allowance and on-campus dormitory accommodation. Please refer to the website of relevant institute for more information.

### 4 Contact Information

Coordinator: Ms. XIE Yuchen

International Students Office

University of Chinese Academy of Sciences

No. 80 Zhongguancun East Road, Haidian District, Beijing, 100190, China

Email: iso@ucas.ac.cn

Tel/Fax: +86-10-82672900

Website: <http://english.ucas.ac.cn>

Coordinator: Miss ZHANG Yu & Miss YAO Caiyun

Institute of Mountain Hazards and Environment, CAS

Tel: 86-02885242396

Email: yzb@imde.ac.cn

Website: <http://www.imde.ac.cn>

Coordinator: Miss CAI Ying & Miss CHEN Hui

Northwest Institute of Eco-Environment and Resources , CAS

Tel: 86-09314967630, 86-09314967618

Email: caiy@lzb.ac.cn, chenhui@lzb.ac.cn

Website: <http://www.nieer.cas.cn>

Coordinator: Miss ZHOU Bin & Miss ZOU Ting

Xinjiang Institute of Ecology and Geography , CAS

Tel: 86-09917885476

Email: zhoubin@ms.xjb.ac.cn; zouting@ms.xjb.ac.cn

Website: <http://www.egi.ac.cn>