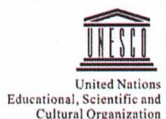# Call for Participants of 2022 IRCK

International Training Course

INTERNATIONAL TRAINING COURSE ON

SECURITY AND DEVELOPMENT OF KARST AREAS:

WATER, GEOHAZARDS AND BIG DATA

CIRCULAR I

Organized by
International Research Centre on Karst (IRCK) under the auspices of UNESCO
Supported by
Institute of Karst Geology (IKG), Chinese Academy of Geological Sciences (CAGS)
China Geological Survey
Ministry of Natural Resources, P.R.China

November 21 ~December 2, 2022

INTERNATIONAL TRAINING COURSE ON

SECURITY AND DEVELOPMENT OF KARST AREAS:

WATER, GEOHAZARDS AND BIG DATA

Background and aims:

Approved by the 34th General Conference of UNESCO in October 2007, the International Research Centre on Karst (IRCK) under the auspices of UNESCO (Category II) was established in Guilin, China, the Agreement between the Chinese government and UNESCO concerning the Establishment and Operation of the IRCK was signed in Paris on February 11, 2008 and the Centre was officially inaugurated in December 2008. On May 12, 2016, the Renewed Agreement for the Centre was signed between Chinese government and UNESCO, indicating the formal Phase-II operation of IRCK.

IRCK is based at the Institute of Karst Geology, Chinese Academy of Geological Sciences (CAGS), located at No. 50 Qixing Road, Guilin, Guangxi 541004, P. R. China. Its objectives and functions are, to provide advisory activities, technical information and training as a basis to develop and implement new integrated methods of desertification rehabilitation and ecological restoration, undertake international technical consultation and organize international workshops and symposia on special subjects, scientific field investigations, lecture tours and so on. It successfully organized 11 international training courses in Guilin, Nanning, Chongqing, Kunming, Xiangxi etc., in China, and 2 online training courses in the past 13 years which were attended by 355 trainees from 52 countries.

IRCK will organize **the International Training Course on Security and Development of Karst Areas: Water, Geohazards and Big Data** that will be scheduled on Nov. 21~ Dec. 2, 2022, with the aim of enhancing research cooperation and academic exchange between China and other countries, and sharing Chinese successful experience in karst scientific research with colleagues overseas. The Chinese karst scientists warmly welcome geologists, hydrologists, engineers and related administrators and scientists from all over the world, especially the developing countries to participate in this upcoming event.

PROGRAMME OUTLINE

Overview:

The training course will be held virtually by the software as ZOOM. Considering the time difference, we have divided this training course into two phases. The 1st Phase is mainly for the trainees from Europe, Africa and Asia. The 2nd Phase is mainly for the trainees from America, Oceania and Asia. On Dec. 2, all the trainees are required to give a presentation about karst in your country or your latest research progress in the karst field. You may choose suitable phase to join us online.

Preliminary Schedule

Phase	Date	Time (GMT +8)	Programme
1st Phase	Nov.21	15:00-18:00	Lectures on Karst Water Resources Development and Utilization
	Nov.22	15:00-18:00	Lectures on Modeling of Karst Water Resources and Management of Transboundary Aquifers
	Nov.23	15:00-18:00	Lectures on Landslide Early Warning and Prevention in Karst Mountain Area
	Nov.24	15:00-18:00	Lectures on Karst Collapse Early Warning and Prevention
	Nov.25	15:00-18:00	Lectures on Karst Big Data Mining and Utilization
2nd Phase	Nov.28	08:30-11:30	Lectures on Karst Water Resources Contamination and Prevention
	Nov.29	08:30-11:30	Lectures on Karst Water Resources Development and Utilization
	Nov.30	08:30-11:30	Lectures on Landslide Early Warning and Prevention in Karst Mountain Area
	Dec.01	08:30-11:30	Lectures on Karst Collapse Early Warning and Prevention
	Dec.02	08:30-17:30	Trainee Assessment

Excellent students

The training course will select about 5 excellent students, and the excellent students will have the opportunity to participate the on-site training course organized by IRCK after the epidemic ends. The requirements to evaluate the excellent ones are as follows:

1. Active mutual response to the lecturers during the questions and answers session;
2. Conscientious presentation during the trainee assessment session.
3. The excellent trainees will be granted 200-250 USD award.

Working language:

The working language is English.

Major topics:

1. Karst Water Resources Development and Utilization

2. Karst Water Resources Contamination and Prevention

3. Modeling of Karst Water Resources

4. Management of Transboundary Aquifers

5. Karst Collapse Early Warning and Prevention

6. Landslide Early Warning and Prevention in Karst Mountain Area

7. Karst Big Data Mining and Utilization

Application:

For application as trainees, please find the application form attached to this Circular, then fill in all the blanks for the information we required and send to the designated email address (irck_secretariat@163.com) before **November 6, 2022**. The title of this email is appreciated as "**Application Form (Trainee) - Name - Nationality**". Any further information will be sent to you via email.

Contact information:

For further information please contact:

irck_secretariat@163.com

Websites: http://www.irck.org.cn

Attachment:

Application Form

Attachment

Attach a
recent
passport
photograph

APPLICATION FORM

for IRCK 2022 International Training Course

1. Last name:

2. First name:

3. Full name (as printed in your passport):

4. Date of birth:

5. Place of birth:

6. Gender:

7. Present nationality:

8. Nationality at birth:

9. Mailing address (Post code should be marked):

10. mobile phone number:

11. Email:

12. Institution (University, Ministry or other):

13. Official position:

14. Prefer 1st or 2nd Phase:

15. Education (omit primary schooling):

Institution	Location	Attended from…till…	Degree or qualification earned

16. Number of publications (submit a list of your papers, no more than 5):

17. What is your main field of research interest?