

The first training course for IGCP-724 project was held

The first training course for IGCP-724 project “Fluid geochemistry and earthquake forecasting” was held online from 19th to 21st October in Institute of Earthquake of Forecasting (IEF), China Earthquake Administration (CEA).

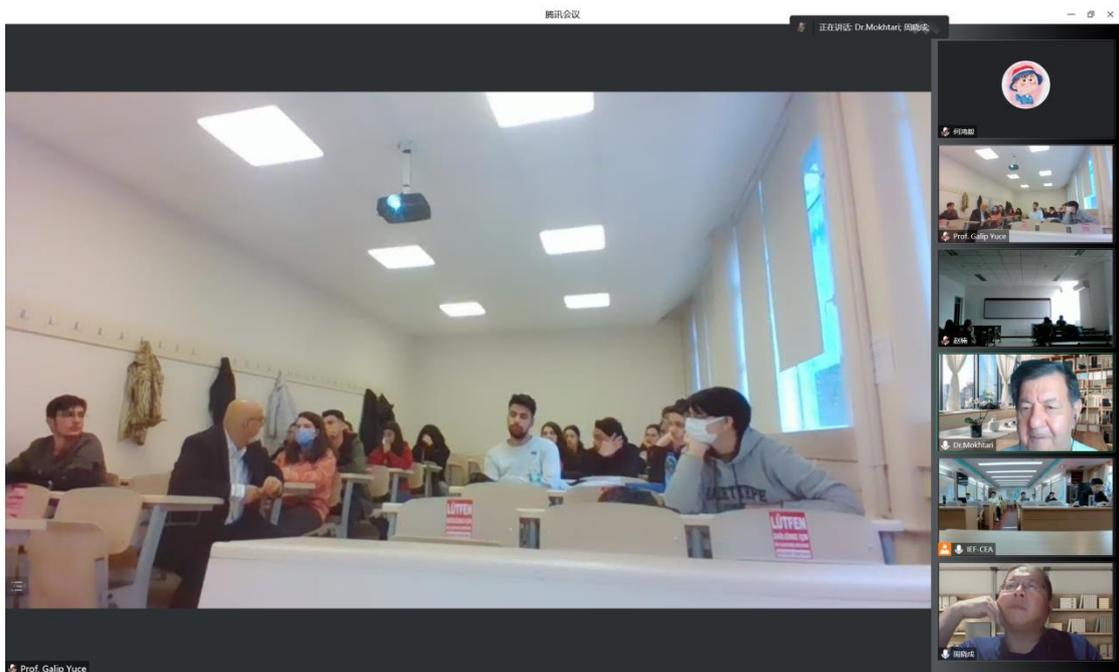
The objective of this training course was to introduce the practical fluid geochemistry observation techniques related to earthquake prediction and the guide to earthquake scientific investigation using geochemistry methods, and enhance the capacity building of some countries in geochemical observation technology. IGCP-724 project invited geochemical scientists from China (Prof. Zhonghe Pang and Prof. Tianming Huang, *Institute of Geology and Geophysics, Chinese Academy of Sciences*, Prof. Hongbiao Gu, *Institute of Disaster Prevention*, Prof. Ying Li and Prof. Xiaocheng Zhou, *IEF, CEA*), Italy (Prof. Antonio Caracausi, *National Institute of Geophysics and Volcanology*), Iran (Prof. Mohammad Mokhtari, *University of Hormozgan*), and Turkey (Prof. Galip Yuce, *Hacettepe University*) to give the wonderful presentations.

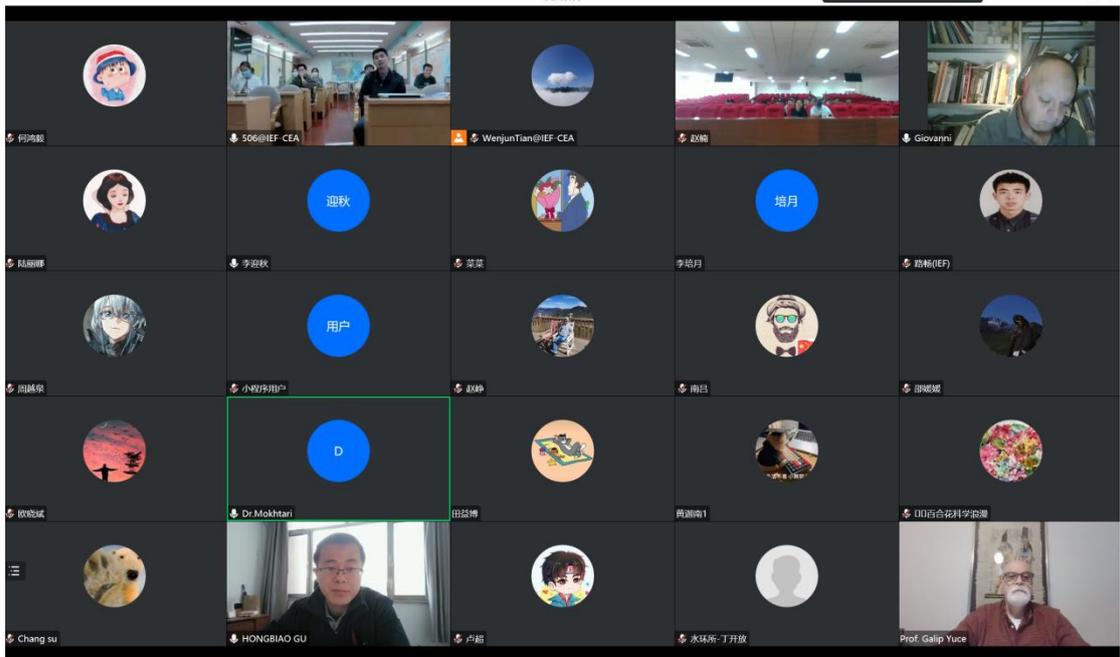
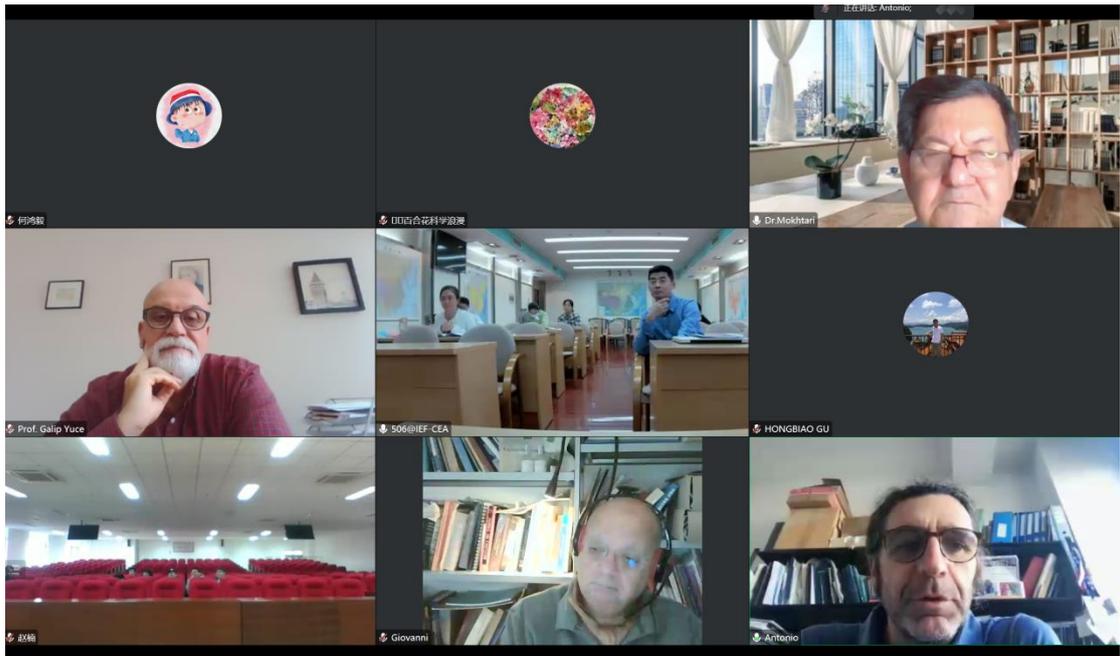
The training course topics include fluid geochemistry sampling and analysis, relationship between seismicity and tectonic activities, and progress in the field of earthquake prediction methods and applications.

The course attracted attentions of over 130 participants joined the talks through Tencent meeting, including postgraduate students and young researchers from IEF, CEA, Institute of Disaster Prevention, China, and Hacettepe University, Turkey.

IGCP program places great emphasis on international cooperation and knowledge transfer, especially promoting international cooperation between developed and developing countries, providing training opportunities for young and female scientists. We hope more young and female scientists from developing countries join the IGCP-724 project.









Training Course Schedule for IGCP-724 “Fluid geochemistry and earthquake forecasting”

Date: Oct. 19th-21st, 2022

Time: 12:20-15:50 Beijing, 08:50-12:20 Teheran, 06:20-09:50 Paris, 07:20-10:50 Ankara

Date	Time	Titles	Speakers & Institutions
Oct. 19 th	12:20-12:30 08:50-09:00 06:20-06:30 07:20-07:30	Opening Address	Prof. Ying Li Deputy Director, Institute of Earthquake Forecasting (IEF), China Earthquake Administration (CEA)
Oct. 19 th	12:30-13:30 09:00-10:00 06:30-07:30 07:30-08:30	Seismic fluid geochemistry and its application in earthquake monitoring and forecasting	
Oct. 19 th	13:40-14:40 10:10-11:10 07:40-08:40 08:40-09:40	Modeling earthquake effects on groundwater levels	Prof. Hongbiao Gu Institute of Disaster Prevention
Oct. 19 th	14:50-15:50 11:20-12:20 08:50-09:50 09:50-10:50	Noble gases as geochemical tracers of earth dynamics	Prof. Antonio Caracausi National Institute of Geophysics and Volcanology-Section of Palermo, Italy
Oct. 20 th	12:30-13:30 09:00-10:00 06:30-07:30 07:30-08:30	General earthquake forecasting and its history in Iran and the present activities	Prof. Mohammad Mokhtari Chair of NWIO-WG, UNESCO, Project Director, TERC, University of Hormozgan, Iran
Oct. 20 th	13:40-14:40 10:10-11:10 07:40-08:40 08:40-09:40	Advances of geothermal fluid geochemistry and earthquake forecasting in Qinghai-Tibet Plateau	Prof. Xiaocheng Zhou Institute of Earthquake Forecasting (IEF), China Earthquake Administration (CEA)
Oct. 20 th	14:50-15:50 11:20-12:20 08:50-09:50 09:50-10:50	Tracing the origin of solute components in water using the isotopic techniques—opportunities and critical challenges	Prof. Tianming Huang Institute of Geology and Geophysics, Chinese Academy of Sciences
Oct. 21 st	13:40-14:40 10:10-11:10 07:40-08:40 08:40-09:40	Geochemistry of fluids in Eastern and South-Central Australia: implications for fluid-fault relationships	Prof. Galip Yuce Hacettepe University (Ankara)
Oct. 21 st	14:50-15:50 11:20-12:20 08:50-09:50 09:50-10:50	Isotope Geochemistry of Geothermal Fluids (at the Himalayan Syntaxes)	Prof. Zhonghe Pang Institute of Geology and Geophysics, Chinese Academy of Sciences

Welcome to Join VooV Meeting:

Opening at 12:20PM Oct. 19th (Beijing Time), 08:50AM Oct. 19th (Teheran Time), 06:20AM Oct. 19th (Paris Time), 07:20AM Oct. 19th (Ankara Time).

VooV Meeting ID: 371 2388 6967

Venue: 506 Meeting Room, Earthquake Forecasting (IEF), China Earthquake Administration (CEA), 408 Classroom, Tianyi Building, North Campus, Institute of Disaster Prevention, University of Hormozgan, Iran and some universities from United Arab Emirates, Oman, Pakistan.

Organizer: Institute of Earthquake Forecasting (IEF), China Earthquake Administration (CEA), China

Co-Organizers: Institute of Disaster Prevention, China

University of Hormozgan, Iran

National Institute of Geophysics and Volcanology-Section of Palermo, Italy

Hacettepe University (Ankara), Turkey

Institute of Geology and Geophysics, Chinese Academy of Sciences, China