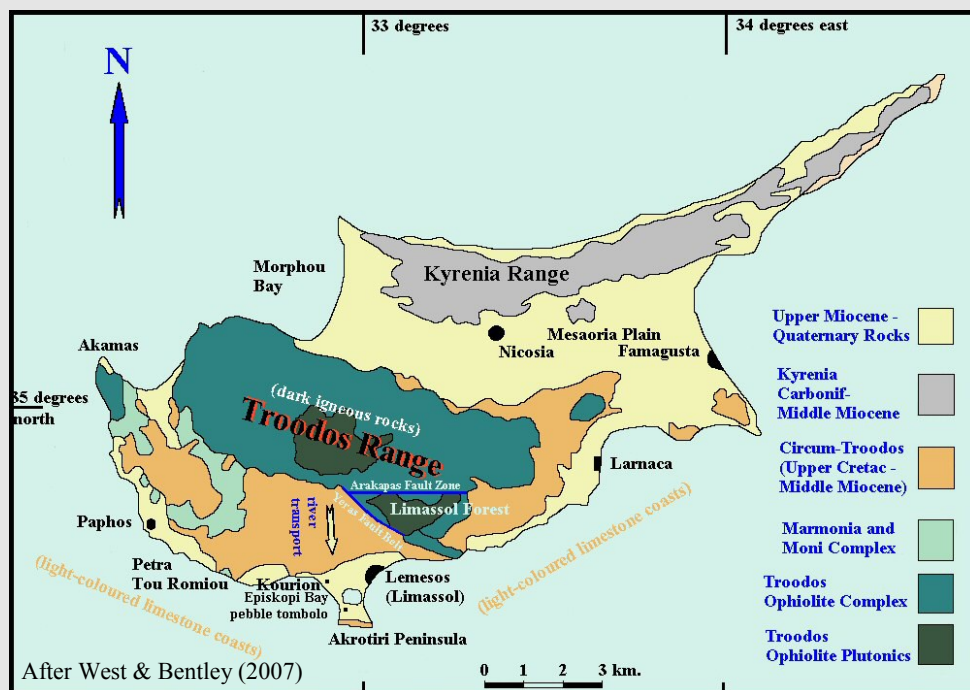




PRELIMINARY ANNOUNCEMENT OF THE SECOND IGCP-649 WORKSHOP

INVESTIGATING THE TROODOS OPHIOLITE, CYPRUS



Organized by IGCP-649 Project

Geological Survey Department of Cyprus

May, 14th-20th, 2016

PRELIMINARY ANNOUNCEMENT OF THE SECOND IGCP-649 WORKSHOP TO INVESTIGATE THE TROODOS

The **Second IGCP-649 Workshop** will take place on **May 14-20, 2016 in Cyprus** to investigate and discuss the origin of the world-famous Troodos ophiolite. Troodos is unique among the ophiolites of the world for its complete lithologic sequence, its structural integrity, its excellent exposures and its ease of access. It is one of the most studied ophiolites in the world and served as the model for the Penrose definition of ophiolites. Troodos is famous for its copper mines, which have been mined since Roman times, and for its smaller chromitite mines. In a very real sense, Troodos provides the lifeblood of Cyprus – the rain and snow pack that collects on Mt. Olympus recharges the aquifers, without which agriculture would not be possible.

This workshop is supported by the IGCP-649 project “Diamonds and Recycled Mantle”. In 2015 CARMA (Center for Advanced Research on the Mantle) was awarded a new IGCP (International Geosciences Program) grant sponsored by UNESCO and IUGS, in support of our current work on ultrahigh pressure and highly reduced minerals in ophiolitic peridotites and chromitites. The project will undertake systematic sampling of peridotites-chromitites in different ophiolites around the world with diverse ranges of ages and geochemical affinities to document the extent of diamond occurrence in the mantle. The creation of this new IGCP project emphasizes the global importance of our work, and provides support for a series of international workshops that will bring together students, young professional and established researchers to discuss and to evaluate some of the most significant scientific problems and questions pertaining to the mantle dynamics and composition.

Travel Directions

Cyprus is served by airlines from most European countries, which mostly fly into Larnaca Airport. Public transportation is somewhat limited so arrangements will be made to meet participants upon arrival.



The Troodos Mountains of Cyprus rise to an elevation of 1952 m at Mt. Olympus, the center of the Troodos Ophiolite

The Workshop will consist of **two days of oral and poster presentations**, focused on the geology of Troodos and comparisons with ophiolites elsewhere. This part of the program will be followed by **4 or 5 one-day field trips** designed to provide a clear understanding of the geology and structure of Troodos. We hope to briefly summarize and discuss each day's findings in the evenings. The total number of field trip participants is limited so, if you don't want to miss this wonderful journey full of characteristic geology and spectacular scenery, contact us soon!

Contact Information

Associate Professor Dr. Cong Zhang

Secretary of the IGCP-649 Project

E-mail: igcp649@163.com;
zhangc.pku@gmail.com

Mobile: +86 170-9013-7485

Feel Free to visit our website
to get information

www.igcp649.com