

Post-doctoral activities of Salahaddin University-Erbil academic staff

Title of the research: Cathodoluminescence petrography for provenance studies of the sandstones of Ora Formation (Devonian-Carboniferous), from Kurdistan Region.

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Summary:

I have been granted scholarships within Erasmus Mundus Action 2 Project **SALAM (SALA1206157)**, coordinated by Warsaw University. First of all, I am very grateful to this program that I was accepted in post-doctoral mobility level. I joined and worked as a researcher at Geology Faculty of Warsaw University for a period of 6 months from 31st. December 2013 until 30th 2014. Immediately after arriving in Warsaw I met the Dean Scientific Dean and Head Department of the Geology faculty. It was a very nice meeting for me as a foreign researcher in Poland. Also I connected with my supervisor to start my own research. During this period I was in good relations with all academic staff of geology faculty.

I have gained more experience, exchanges and skills with experts in the field of Petrology and Mineralogy. The facilities and services in our faculty were quite advanced, and I have now got a better understanding of the scientific knowledge in his study scope using many advanced techniques including SEM-CL and EMPA analysis, besides exchanging experience. Library services were also good especially the central university campus library and the library in geology faculty. Additionally through the library websites I had access to a variety of online catalogues and papers which had been published in international journals which have high impact factors. In my opinion the librarians were very helpful and knowledgeable, and they were happy to assist any new researcher were coming newly to work at Warsaw University. The range of activities was one of the important things during my stay in Warsaw University, such as making a seminar on my topic of research, other seminars relation to my field, and in addition I participated in one of the local conferences in Amsterdam (Netherlands) in May 2014. I believe that Warsaw University offered a best excellent facility service. During the period of my stay I worked using scanning electron microscope (SEM) and electron microprobe analysis (EMPA) with a new version of equipment at the geology faculty and I got nice results from them. I would like to thanks the Polish Academy of Geoscience who assisted me doing an analysis on Hot-Cathodoluminsences (CL) for my sandstone samples period of three weeks from 1st Feb. until 23rdFeb. This research has been accepted and published in an international Journal 2015 with impact factor 1.4 in “**Journal of African Earth Sciences**” **Vo.109 (2015) 195-210** and was a part of postdoctoral research contract.

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