

21st century: Problems and Tasks of Studying of Fluid Inclusions and Thermobarogeochemistry.

¹POLICKOVSKY, V.S., ²MELNIKOV, F.P., ³FEDORCHUK, V.P.,
⁴HE ZHILI, ⁵ZAKIROV, T.A., ⁶BITUKOV, A.A. ^{1,3,5,6}International
Academy of Mineral Resources Tashkent, Uzbekistan. ²Moscow
State University, Moscow, Russia. ³ University of Science &
Technology, Beijing, China.

The doctrine about fluid inclusions and Thermobarogeochemistry (TBG) attained many successes in 19-20 centuries in Europe, North America, Asia and Australia (H.C. Sorby, N.Ermakov, E.Roedder and others). Analogy investigations were began in South America (Brazil, Argentina, Venezuela) and Africa (UAR, Algeria) in the end of 20 century.

Chief problem of Thermobarogeochemistry (with including the studying of fluid inclusions) in 21 century is problem of introduction of results of theoretical, laboratory and field-experimental, elaboration's into practice of trench-raiding, geology-prospecting, exploitation and scientific-research works on all its stages and phases.

Second problem - train personnel of specialists - thermobarogeochemists of wide profile. It is necessary to devise united Program of course "THERMOBARO-GEOCHEMISTRY" , and introduce it to the educational curriculum of universities and institutes for compulsory education of students of geological specialists.

Third problem: Elaboration and displayed unceasing concern of common General Program of scientific- production thermobarogeochemical researches and organization Base specialized Thermobarogeochemical Institutes and Problem Laboratories in Europe, North America, Asia , Australia, South America and Africa .