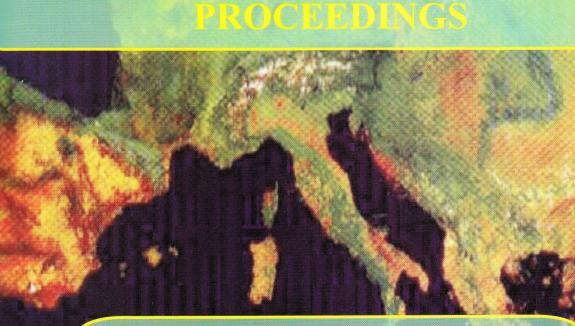
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# I<sup>\*</sup> INTERNATIONAL WORKSHOP ON THE PROJECT

ANTHROPOGENIC EFFECTS ON THE HUMAN ENVIRONMENT IN THE TERTIAR BASINS IN THE MEDITERRANIAN



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#### 1<sup>SI</sup> INTERNATIONAL WORKSHOP ANTHROPOGENIC EFFECTS ON THE HUMAN ENVIRONMENT IN THE TERTIARY BASINS IN THE MEDITERRANEAN

### RARE ELEMENTS IN THE SOILS WITH RICE CROPS NEAR THE VILLAGE OF KRUPISTE, STIP

**Tena Sijakova-Ivanova and Vesna Zajkova-Paneva** Faculty of Mining and Geology, Goce Delcev 89 Stip, Republic of Macedonia

#### Abstract

The paper presents data on the presence of rare elements in the soils with rice crops near the Village of Krupiste. The examination also included determination of rare elements in the rice sowed in the soils. The elements determined included N, P, K, Ca, Mg, S, Mn, Pb, Zn, Cr, Ni, Mo, Se, Cu, Si, Co, Cd. Attention was paid to the content of Cd since it has negative effects on the health of people. Examination was carried out in the laboratory of the Faculty of Mining and Geology in Stip. The sample taken from various fields were treated with HF, HNO<sub>3</sub>, HCLO<sub>4</sub>, Measurements were carried out with ICP-AES.

Key words: Rare elements, rice, soil.