

VIOLETA N. NIKOLIĆ, JOSE F. M. L. MARIANO

**PREDICTION OF THE GEOGRAPHIC LATITUDE OF THE LANDING  
OF IRON METEORITES IN THE AREA OF THE BALCAN PENINSULA**

In this paper, a model, which would enable the understanding and prediction of the geographical latitude of iron meteorites in the area of the Balkan Peninsula, was discussed. The model is based on consideration of the landing location of the largest 1-fragmented, as well as the heaviest meteorite, Hoba meteorite. The model showed satisfactory results, and should be investigated more in the future.

**Keywords:** iron meteorites, Balkan Peninsula, geographic latitude, meteorite Hoba, mass