



The proposal is addressed to persons who are interested in environmental research. We offer the opportunity to participate in investigations on the first stage of water erosion - so-called splash. The investigations will be carried out in Lublin – a wonderful, academic town located in the east part of Poland

Responsibilities/Requirements:

We are looking for experienced researchers interested in a 1 or 2 year post-doc position funded by a Marie Curie fellowship (IEF or IIF). The candidate is asked to write a Marie Curie proposal in collaboration with us to undertake research on one of the following topics:

- A) The estimation of the energy budget elements for the splash at the moment of water drop hitting the surface of soil.
Knowledge of physics (engineering or environmental studies level) and water erosion problems is required.
- B) The modelling (at the laboratory scale) of surface erosion.
Knowledge of water erosion problems is required.



The candidate should have a PhD or at least four years of full-time equivalent experience in the soil, Earth or environmental research areas. He or she should be interested in cooperating with the scientific team of the Institute. The communicating level of English is required. To complete a successful application, the candidate should attach his/her peer-reviewed publications in leading professional journals.

The deadline for applications to IA PAS is May 31st, 2012. Further information on EU-funded Marie Curie actions is available at: <http://cordis.europa.eu/fp7/mariecurieactions/>

Interested?

If this opportunity appeals to you, please send your full CV & covering letter to: Andrzej Bieganowski (a.bieganowski@ipan.lublin.pl)

About the Laboratory of Applied Optical Measurement Techniques

The Laboratory of Applied Optical Measurement Techniques belongs to the Department of Natural Environment Biogeochemistry in the Institute of Agrophysics, Polish Academy Sciences. The modern equipment, new and functional infrastructure, young and well qualified staff and friendly working atmosphere are the unquestionable advantages of the Laboratory. The main areas of investigations in the Laboratory are: i) development of optical methods for new agrophysical objects of measurement; ii) physical characterisation of splash and water erosion; iii) investigations of zeta (elektrokinetic) potential of microorganisms and microemulsions. The equipment which is in use at the Laboratory and the whole Institute of Agrophysics, in combination with the interdisciplinary team and multiannual experience confirmed by the status of Centre of Excellence (the title awarded by European



Commission within the scope of 5th frame of Fifth Framework Programme for leading scientific institutions), give the unique possibility to develop individual interests and to acquire new qualifications. Further information can be found at www.ipan.lublin.pl