

Looking for motivated PhD/Masters students in deep learning in geoinformatics.

The successful candidates will join a dynamic research team and integrate into an international research program on physics-informed neural networks in hydrology.

The research will include the development of neural nets integrated in GIS for predicting the formation of runoff, flashfloods, and soil erosion from space-time series and physical models.

The research will be carried out in the geographic information laboratory of the Ben Gurion University of the Negev under the supervision of Tal Svoray and Shmuel Assouline.

A background in at least some of the following areas is required: geoinformatics, R/Python, soil physics, surface hydrology, remote sensing.

Also required is the ability to fit in into the world of data science and willingness to work in the laboratory and in the field.

For details: tsvoray@bgu.ac.il; vwshmuel@volcani.agri.gov.il

