

FORM FOR ADVERTISERS

INSTITUTION: The National Institute of Horticultural Research

CITY: Skierniewice, Poland

POSITION: Assistant Professor (W/M) at the Fruit and Vegetable Storage and Processing Department in Skierniewice

DISCIPLINES OF SCIENCE: agricultural science: agriculture and horticulture or food and nutrition technology; engineering and technology: automation, electronics, electrical engineering and space technologies or information and communication technology or mechanical engineering; natural sciences: computer and information sciences; or related disciplines.

ANNOUNCEMENT DATE: 16.02.2026

APPLICATION DEADLINE: 17.03.2026

LINK TO OFFER: <http://www.inhort.pl/praca-przetargi-zapytania/konkursy-na-stanowiska/>

KEYWORDS: computer vision, image processing, modeling, artificial intelligence, traditional machine learning, deep learning, regression analysis

OFFER DESCRIPTION: The National Institute of Horticultural Research is looking for a candidate for the Assistant Professor position at the Fruit and Vegetable Storage and Processing Department in Laboratory of Processing and Quality Evaluation of Fruit and Vegetables within the framework of the research project entitled “Predictive modeling of changes in physicochemical properties of osmotically dehydrated sour cherries and apricots during drying by different technologies using computer vision and artificial intelligence” (OPUS-29, National Science Centre).

Full-time remuneration received for 12 months in the amount of PLN 140,000 gross per year with the possibility of extension for another 24 months.

The candidate's responsibilities will include:

1. Acquisition of images of fresh, osmotically dehydrated, and dried sour cherry and apricot samples using a digital camera, a flatbed scanner, and a smartphone,
2. Image processing to compute sample features from images obtained using three imaging devices,
3. Discriminative and predictive model development using artificial intelligence, including deep learning and traditional machine learning,
4. Participation in substantive consultation,
5. Writing scientific articles,
6. Participation in scientific conferences.

Requirements:

1. Obtaining a doctoral degree in the year of employment in the project or within 12 years before 1 January of the year of employment in the project (2026). For researchers with multiple PhDs, the date of the first PhD award is deemed the reference date. This period

may be extended by documented career breaks, in accordance with the Regulations on awarding funding for research tasks funded by the National Science Centre as regards research projects (Annex to NCN Council Resolution No 84/2024 of 5 September 2024 amending the Regulations on awarding funding for research tasks funded by the National Science Centre as regards research projects),

2. Qualifications and experience in computer vision, image processing, modeling using artificial intelligence, including deep learning and traditional machine learning, programming, and performing regression analysis,
3. Experience in using software, such as MATLAB, MaZda/QMaZda, Statistica, WEKA, or others used to perform image analysis and build predictive and discriminative models,
4. Demonstrate basic knowledge of food technology,
5. Demonstrate knowledge of English at a level sufficient for the preparation of scientific articles and active participation in conferences.

Candidates are requested to submit the following documents:

- application for the position of Assistant Professor,
- a copy of the diploma confirming a doctoral (PhD) degree,
- scientific curriculum vitae with a list of scientific articles, conference abstracts, completed and/or ongoing research projects, courses, trainings, received awards and distinctions, and other achievements and other achievements,
- statement of no criminal record,
- statement of knowledge of English or confirmed by a certificate,
- consent to the processing of personal data (applications without consent will not be processed)
- statement that in case of employment on the position of Assistant Professor, the National Institute of Horticultural Research will be the primary place of employment.

Applications should be submitted by **17.03.2026** by e-mail (aplikacja@inhort.pl), registered post or in person to the Human Resources at the National Institute of Horticultural Research, Pomologiczna Street 18, 96-100 Skierniewice.

Candidates will be notified by phone, e-mail or post about the date of the competition, including the interview with selected candidates in person or using an IT system enabling it to be performed remotely.

GDPR information clause: Under Article 13 of Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons concerning the processing of personal data and on the free movement of such data and repealing Directive 95/46/EC, we inform you that the Administrator of your data is The National Institute of Horticultural Research based in Skierniewice, Konstytucji 3 Maja 1/3 Street.

1 The Administrator has appointed a Data Protection Officer (DPO), who can be contacted at the e-mail address: iod@inhort.pl on all matters concerning your data.

2. Your data will be processed for the recruitment conducted by The National Institute of Horticultural Research based on of Article 6(1)(a) of the GDPR.