



### **Professor dr hab. inż. Mariusz Jerzy Stolarski**

**General information:** Professor of agricultural sciences, working as a professor at the University of Warmia and Mazury in Olsztyn (UWM), conducting research into bioresources, bioeconomy and renewable energy sources. Biomass growing, productivity, quality and the use of perennial and annual alternative crops for energy and industrial purposes. Production technology and logistics of biofeedstock acquisition and processing to obtain higher added value bioproducts and conversion to solid, liquid and gaseous biofuels. Cascaded use of various agricultural- and forest- origin biofeedstock types. Bioconversion of various types of biomass residues by insects. Assessment of economic, energetic and environmental effectiveness of cultivation, production, logistics and processing of biomaterials. Characterisation and assessment of biomass and other RES usability on an individual, local, regional, national and international level.

**Research Career:** master engineer [mgr inż.] 1998; doctor 2001; doctor habilitated [dr hab.] 2010; professor 2014.

**Employment and job titles:** 2001-2010 lecturer [adiunkt]; 2011-2017 associate professor; professor since 2017; head of postgraduate studies in “Renewable Energy Sources” since 2013; member of the Board of the Faculty of Environmental Engineering and Agriculture (2010-2019); Head of the Committee for Science and International Cooperation of the FEEA (2013-2019); Member of the Board of the Scientific Discipline: Agriculture and Horticulture since 2019; Chairman of the Scientific Board of the Centre for Bioeconomy and Renewable Energies (CBEO) at the UWM (2016-2020 term; 2020-2024); Head of Doctoral Studies at the Faculty of Agriculture and Forestry, since 2020; Chairman of the Committee of Science at FAF (2020-2024 term); member of the Faculty Educational Committee at FAF (2020-2024 term); member of the Dean Board at FAF (2021-2024 term); member of the UWM Senate (2020-2024 term); Chairman of the Committee for International Cooperation of the UWM Senate (2020-2024 term); member of the University Board at UWM (2021-2024 term); Head of the Department of Genetics, Plant Breeding and Biomaterial Engineering since 2021.

**Scientometric indicators:** Total number of publications: approx. 350, with 142 original publications, including 76 with the IF; total IF = 226.629; IH = 19 (WoS), 20 (Scopus); Citation index 1103 (WoS), 1181 (Scopus); co-author of 11 *Salix* spp. cultivars and 1 patent. Number of supervised doctoral theses: 3, master’s degree theses: 50, engineer’s diploma theses: 29; reviews for a scientific degree: 9; reviews for a scientific position and title: 2; reviews of research projects: 5; reviews of publications: approx. 100, including 38 with IF. <https://orcid.org/0000-0003-0712-9678>; <https://www.researchgate.net/profile/Mariusz-Stolarski>.

**Research projects:** A total of 22 research projects; eight international (BalticBiomass4Value, STAR-ProBio, COSMOS, CHEMBEET, SE.Biomethane, EuroBioRef, AGREE, COACH BioEnergy, including three as manager); 14 domestic, including manager of the interdisciplinary project named BIOmagic, as part of the NCBR programme named Biostrateg 3. Scientific supervision of one Preludium project and two implementation doctorates (edition I and III).

**Coordination of courses, teaching activity:** Bioenergy technologies; Laboratory of biomaterial assessment; Renewable energy sources; Specialisation master seminar; Bioenergy management; Technology of biomass acquisition and its conversion to biofuels; Resources of renewable energy sources; Laboratory of biofuel assessment; Solid, liquid and gaseous biofuels; Bioenergy installations; Energy crops; Agricultural energy feedstock; Preparation of scientific projects and commercialisation of research results, and other.

**Internships and study visits:** Many scientific and training trips to many EU countries (e.g. Croatia, Sweden, Denmark, United Kingdom, Austria, Germany, Lithuania) as well as the USA and Canada.

**Awards:** Team award, Statuetka Zielonego Feniksa [Green Phoenix Statue] “for scientific and research achievements in eco-energy generation”, “Zielony Feniks” Foundation, 2009. Bronze Medal for long-term service, 2013. Bronze Cross of Merit, 2016. Honours awarded by Kapituła Nagrody Zielonego Feniksa [Jury of the Green Phoenix Award] “for scientific and research achievements in eco-energy generation and its promotion and popularisation”, 2018. Award granted by the Rector of the UWM in Olsztyn for achievements in teaching, 2016. Awards granted by the Rector of the UWM in Olsztyn for achievements in science: 2004, 2011, 2012, 2014, 2017, 2018, 2019, 2020.

**Other activities:** Member of the Polish Biomass Association “POLBIOM” since 2000. Member of the Polish Agronomic Association since 2001. Member of the Programming Committee at Warmińsko-Mazurska Agencja Energetyczna Sp. z o.o. in Olsztyn, 2010. Member of the team for renewable energy sources development in rural areas at the Ministry of Agriculture and Rural Development, 2011. Member of the team for the development of a low-emission economy – section: development of a low-emission economy in rural areas, at the Ministry of Economy, 2013. Member of the Association for the Advancement of Industrial Crops since 2014.