

Expertise & Experience

Position within the project: Researcher

VOICEA IULIAN-FLORIN, 33 years old, phd. engineer

Current position held: Researcher grade I for Testing Tractors and Technical Equipment for Agriculture and Food Industry – DITRMA, Testing Department - DI, INMA Bucharest, No. 6 Ion Ionescu de la Brad Blvd., sector 1, Bucharest, Romania, 013813

Professional experience in the field of the project: From 2007 – present, scientific researcher in the „Testing Department” of INMA Bucharest: research and testing activities in the field of technologies and equipment for agriculture and food industry.

CNP: 1830718410030

List of the most important achievements in the field of the project (publications in scientific journals):

1. Ana Elisabeta (Oros) DARABAN, Ștefana JURCOANE, **Iulian VOICEA** / *Miscanthus giganteus – an overview about sustainable energy resource for household and small farms heating systems*, Romanian Biotechnological Letters, pag. 10369 – 10380, Vol. 20, No. 3, ISSN 1224 – 5984, 2015. (5-YEAR IMPACT FACTOR: 0.412 | IMPACT FACTOR: 0.404), [ISI].
2. **Voicea I.**, V. Vlăduț, M. Matache, A. Danciu, Gh. Voicu / *Influence of agricultural and forestry biomass physical characteristics on compacting/pelleting*, PROCEEDINGS OF THE 42 INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering", ISSN 1848-4425, 2014, Opatija – Croatia [ISI].
3. **Voicea I.**, Voicu Ghe., Cardei P., Vlăduț V., Biriș S. / *A Mathematical Model of Chopped Miscanthus Briquetting Process*, The 8th International Conference INTER-ENG 2014, Interdisciplinarity in Engineering, Tîrgu Mureș, [ISI].

List of research grants or testing technical services, as colaborator:

1. Programme **PNCDI II** / Contract number 21/008/14.09.2007., *Harnessing technology for agricultural and forestry solid biomass energy in order to obtain a clean and eye serums reduce greenhouse emissions, 2007 - 2010*,
2. Programme **NUCLEU** / Contract number 15 N / 27.02.2009, PN 09 – 15.02.03., *Research on mechanization and automation of manufacturing processes of pellets and agripellets, 2013*;